

5330-235

Square Indoor Box Speaker

- Paging speaker enclosure • Indoor surface-mount
- Full-range speaker • Protective industrial enclosure
- Suitable for beams and truss-mounting
- Perfect for home centers, warehouse stores and industrial environments

BADGER PART NUMBER:

408184075



5330-235

5335-005

35-Watt Attenuator

- 35-Watt attenuator • Volume control
- Allows speaker volume to be adjusted remotely
- Decorative wall plate

BADGER PART NUMBER:

408187169



5335-005

5330-240

Square Outdoor Box Speaker

- Paging speaker enclosure • Outdoor surface-mount
- Full-range speaker • Weather-protected enclosure
- Perfect for outdoor areas, such as garden centers, lumber yards, warehouses and hotel courtyards

BADGER PART NUMBER:

408184083



5330-240

Bogen's Free Application Design Service

Created to assist with the design of paging systems for any and every project encountered.

This service for both Avaya product manufactured by Bogen and Bogen products provides:

- Complete bill of material
- Scope of work
- Detailed assumptions
- Red-lined blueprints

Here's how the service works:

You provide information about the project ("Site Survey Check List") Bogen will then provide you with a working technical bid response document. A copy of the bid will also be sent to your Bogen Field Service Manager for immediate follow-up. Call 800-999-2809 (Option 2)

5328-100

100-Watt Paging Amplifier

- 100-Watt paging amplifier • Night ring
- Audio Enhancer • Automatic level control
- ALC ensures consistent page volume
- Bass/Treble controls

BADGER PART NUMBER:

408186088



5328-100

5328-250

250-Watt Paging Amplifier

- 250-Watt paging amplifier • Night ring
- Audio Enhancer • Automatic level control
- ALC ensures consistent page volume
- Bass/Treble controls

BADGER PART NUMBER:

408186096



5328-250

5335-701

Universal Paging and Access Module

- Universal paging and access module

BADGER PART NUMBER:

700501237



5335-701

5323-108

Zone-Paging Module (3 Zones)

- 3-Zone module
- Expansion for the 5323-106 paging system
- Can expand Model 5323-106 to 9 zones
- 2 maximum (for a total of 9 zones)

BADGER PART NUMBER:

408186039



5323-108

5323-106

Zone Paging System (3 Zones)

- EXPANDABLE system • PCM 3-zone paging system with talkback
- Allows speaker paging to individual zones
- Can be expanded up to 99 zones
- 32 Group paging zones
- Two-way hands-free talkback
- Allows different music in different zones
- Uninterrupted music in non-paged zones

BADGER PART NUMBER:

408186013



5323-106

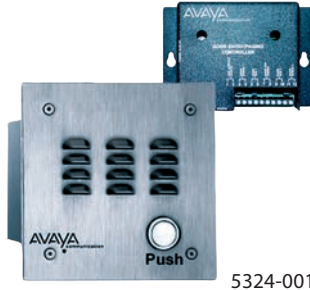
5324-001, 5330-120

Door Phone with Door Speaker

- Includes door phone controller (408466563) and talkback speaker (408466548)
- Compatible with all 1A2, Merlin, Legend, Spirit, Partner Endeavor, Partner, Partner Plus, Partner II (Maximum 2 Door Phones per system)

BADGER PART NUMBER:

408466563 Controller
408466548 Additional Door Speaker



5324-001

5324-003

Partner Door Phone

- Weather and tamper-resistant
- Ideal for indoor and outdoor use
- Mountable on most wall surfaces
- Programmable to ring any extension on a Partner ACS, Partner Plus or Partner II (Maximum 2 Door Phones per system)

BADGER PART NUMBER:

408466555



5324-003

5335-030

Recessed Ceiling Speaker Enclosure

- Recessed ceiling speaker enclosure
- Fits back of recessed round ceiling speaker
- Recommended for air plenum applications
- Tile bridge installation recommended with use of enclosure on suspended ceiling tile

BADGER PART NUMBER:

408184562



5335-030

SIP & Analog LED Strobe Lights

- High performance LED strobe light with 16 selectable flash/intensity patterns for alerting and notification of telephone, safety, emergency and security events (OSHA)
- Ideal in high noise or noise sensitive environments • 8 LED's, 643 Lumens, 198 Candela. ADA compliant
- 360 x 180 degree visibility from wall or ceiling mount
- Auto-multicast capability permits scaling solution over large workplace areas, buildings or sites. Lights can be configured to flash in unison • Interoperable with all Algo SIP speakers • Weather resistant
- SIP model PoE. Analog model includes 24V power supply

BADGER PART NUMBER:

8128	SIP LED Strobe Light (clear)	1128	Analog LED Strobe Light (clear)
8128A/B/R	(amber, blue, red)	1128A/B/R	(amber, blue, red)
8128ABR	(kit, all colors)	1128ABR	(kit, all colors)



8128

8128A/B/R

Visual Alerter

- Highly visible LED light for event or status notification
- Activated by dry contact closure or audio input; inter-operable with the 8180 SIP Audio Alerter and 1825PM Duet Plus.
- Four selectable flash patterns (pulsating, dancing, steady, flash) provide gentle or strong visual alerting from 18 LEDs
- Popular applications included telephone in-use, ringing, and message waiting.
- 24V power supply included

BADGER PART NUMBER:

1127PB/G/R	Visual Alerter (blue, green, red)
-------------------	-----------------------------------



1127PB

1127PG

1127PR

Doorphones

- Algo outdoor rated intercoms connect to any business telephone system and enhance visitor communication and access control through secured door / gate entrances
- A separate Controller (3226/3228/3228) connects via single pair wiring to the full duplex digital Door Station, thereby securing the doorphone and preventing tampering of door unlock relay
- Suitable for indoor or outdoor environments in commercial or residential applications
- Integrated door opening control relay operated from telephone key pad
- Door Station can flush mount into a standard dual gang box or surface mounted with enclosed bezel

BADGER PART NUMBER:

3226	FXO Trunk Port Doorphone
3228	FXS Station Port Doorphone
8028	SIP Doorphone
8201	SIP PoE Intercom



8201

3226/3228/8028

SIP Video Intercoms - PoE

- 8036 features customizable, sunlight viewable 5.7" VGA color capacitive touch display
- 8039 offers wide-angle 187 degree video, and narrow footprint to fit a mullion door frame
- Wideband G.722 audio supported in both intercoms
- SIP PoE endpoints integrate telephones, soft clients, or mobile devices
- Built-in camera supports H.264 video, viewable through a telephone or web browser
- Secure door/gate management with the 8061 IP Relay Controller

BADGER PART NUMBER:

8036	SIP Multimedia Intercom
8039	SIP Video Intercom



8039

8036

IP Relay Controller - PoE

- Door opening controller for 8036 SIP Multimedia Intercom
- SIP interface module for up to four 1202 Call Buttons
- Programmable via web interface

BADGER PART NUMBER:

8061	IP Relay Controller
-------------	---------------------



8061

SIP Audio Alerter, Ceiling & Horn Speakers - PoE

- IP speakers for voice paging, loud ringing, and notification • Wideband G.722 HD voice supported
- Dual SIP registration, PoE, easy web interface management, and auto-multicasting features make Algo SIP speakers simple to deploy and manage on any hosted or premise VoIP communication server
- For loud ringing, one SIP extension may be paired with a phone or added to a hunt group
- For paging, a second SIP extension auto-answers allowing the user to announce over the speaker
- Deploy just one speaker or leverage simultaneous multicast with many speakers for scalability to meet any size workplace, campus or network
- The built-in microphone enables talk-back and monitors ambient noise to automatically adjust volume in response to changing noise levels

BADGER PART NUMBER:

8180	SIP Audio Alerter
8186	SIP Horn Speaker, weatherproof
8188	SIP Ceiling Speaker



8180



8186



8188

Duet Plus

- Provides effective and economical loud ringing and voice paging for small business/office areas
- Connects to any analog phone line for loud ringing and supports wet paging via an Avaya IP Office FXS port
- Dry contact or FXS port activation of a low frequency warble tone
- Optional Algo 1186 Horn Speaker can be used in wet/outdoor environments or where additional volume is required in high noise or wide area applications
- 24V power supply and 1201 modular cord included

BADGER PART NUMBER:

1825PM	Duet Plus, power supply & 1201 Cord
---------------	-------------------------------------



1825

Weatherproof Speaker

- 8 Ohm horn speaker is suitable for wet or outdoor environments
- Offers excellent sound quality for loud ringing, notification or voice paging
- Significantly increases output level for noisy locations or large wide area workplaces such as a warehouse or plant
- Compatible with Algo 8180 SIP Audio Alerter and 1825PM Duet Plus

BADGER PART NUMBER:

1186	Horn Speaker 50W, Weatherproof
-------------	--------------------------------



1186

Paging Adapters & Bell Scheduler/Controller – PoE

- SIP endpoint devices supporting wideband G.722 HD voice
- Paging Adapters provide automatic level control and offer an isolated & balanced line output without hum or noise
- Web configurable bell scheduling, automated announcements, endpoint management & music streaming
- Multicast enabled to integrate any Algo IP speaker &/or strobe

BADGER PART NUMBER:

8300	Controller
8301	Paging Adapter & Scheduler
8373	Zone Paging Adapter (3 zones)



8300



8301/8373

Customer/Emergency Assistance Button

- Designed to bring attention to events through telephone call notification, audible and visual alerts, and overhead announcements.
- The highly visible and intuitive 1202 Call Button integrates directly with the 8188 SIP Ceiling Speaker, 8186 SIP Horn Speaker, 8301 Paging Adapter & Scheduler, and 8061 IP Relay Controller.
- Illuminated push button flashes when activated; PoE powered.

BADGER PART NUMBER:

1202	Customer/Emergency Assistance Button
-------------	--------------------------------------



1202

UT11 (+20 CU)

Single-Zone Universal Telephone Interface

- Emergency override and general paging • Interface with any telephone port type
- Background music input with variable muting options • 24V DC, 1A power supply built-in
- Output limiter ensures consistent page volume • 150 speaker T/R drive capacity per output
- Override, triggered tones, night ring, and AUX relay contact

BADGER PART NUMBER:

UT11



UT11

RPKUT11

Rack Mount and Security Cover Kit

- Allows UT11 to be rack mounted
- Security cover blocks access to and exposure of front panel connections

BADGER PART NUMBER:

RPKUT11



UT11(Shown with RPKUT1)

TAMB2

Interfaces a Telephone System with a Paging System

- Dual mode, station port or trunk port paging access • Calling party controlled disconnect
- Preannounce and confirmation tones • 24V and 48V operation (Requires PRS2403)

BADGER PART NUMBER:

TAMB2



TAMB2

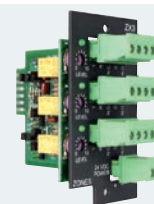
ZX3 (0 CU)

3-Zone Plug-In Expansion Module

- Provides 3 paging zone inputs • For UT1312 • Pluggable 24V DC power distribution terminal strip
- Easy wiring using pluggable terminal strips for each zone

BADGER PART NUMBER:

ZX3



ZX3

PRSLSI (+9 CU)

Loop Start Interface/Power Supply

- 24V DC power supply • Loop-start interface
- Integral flanges for wall mount
- Rubber feet for shelf mount
- Six-terminal barrier strip

BADGER PART NUMBER:

PRSLSI



PRSLSI

PRS48

Power Supply

- 48V DC @ 0.1A • Plug-in
- 2-1/2" x 3" x 1-7/8"
- Screw Terminals
- 1 lb.

BADGER PART NUMBER:

PRS48



PRS48

PCM2000 Modular Paging/Zone

Control Series Integrates Unique, Multifunction Modules for Flexibility and Expansion

- 3 to 99 zones of simultaneous high power and low power paging • Up to 32 paging zone groups, with up to 99 zones
- Built-in talk back amplification (requires PCM-TBM) • Controls the system ID and holds all programmed parameters
- Emergency zone groups (choice of built-in tones or outside tone source) • Emergency/Night Ringer zone group
- Background music assigned per zone • Local background music sourcing capability • Connects to any phone system
- Can operate high-power and low-power paging systems including background music

BADGER PART NUMBER:

PCM-CPU	PCM2000 Central Processor Module
PCM-TIM	PCM2000 Telephone Interface Module
PCM-ZPM	PCM2000 Zone Paging Module
PCM-TBM	PCM2000 Talkback Module

PCMPS2
RPK84
RPK88

PCM2000 Power Supply
PCM2000 Rack Mount
PCM2000 Rack Kit



PCXM2000

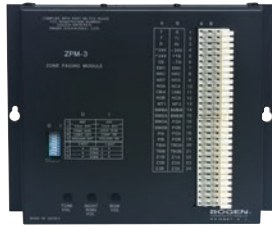
ZPM-3

Telephone-Compatible Zone Paging Module with All-Call and Talkback

- Serves up to three (1 or 2 way) paging zones or paging zone groups
- All-Call • Field programmable
- Direct connect to PBX/KEY page ports (Talkback requires TBA-15 Amplifier), loop/ground start trunks
- Analog station port connection possible using TAMB access module (Requires PRSASA)

BADGER PART NUMBER:

ZPM-3



ZPM3

TBA15

Talkback Amplifier

- Hands-free 2-way conversation between telephone and loudspeaker
- Continually switches direction of conversation
- 25V and 70V outputs • 600 Ohm balanced input
- TBA15 is used in conjunction with loudspeakers
- Adjustable switching recovery time • Adjustable volume control
- Short and overload electronic protection • 15W output
- Wall or Rack mount

BADGER PART NUMBER:

TBA15



TBA15

MVP130BG

1-Port VoIP Gateway

- 1 analog port for communication over an existing IP network or the Internet
- For businesses requiring paging to a remote location • Utilizes existing Ethernet network
- Configurable from a web browser or Microsoft Windows®
- Connects directly to phones or PBX; compatible with virtually any telephone port type

BADGER PART NUMBER:

MVP130BG

MVP210BG

2-Port VoIP Gateway

- 2 analog ports for communication over an existing IP network or the Internet
- For businesses requiring paging to two zones at remote locations
- Utilizes existing Ethernet network • Configurable from a web browser or Microsoft Windows
- Connects directly to phones or PBX; compatible with virtually any telephone port type

BADGER PART NUMBER:

MVP210BG



MVP130BG



MVP210BG

MVP410BG

4-Port VoIP Gateway

- 4 analog ports for communication over an existing IP network or the Internet
- For businesses requiring paging to 1-4 zones at remote locations
- Utilizes existing Ethernet network
- Configurable from a web browser or Microsoft Windows®
- Connects directly to phones or PBX; compatible with virtually any telephone port type

BADGER PART NUMBER:

MVP410BG



MVP410BG

MVP810BG

8-Port VoIP Gateway

- 8 analog ports for communication over an existing IP network or the Internet
- For businesses requiring paging to 1-8 zones at remote locations
- Does not require integration with a server or desktop PC
- Utilizes existing Ethernet network
- Configurable from a web browser or Microsoft Windows
- Connects directly to phones or PBX; compatible with virtually any telephone port type

BADGER PART NUMBER:

MVP810BG



MVP810BG

V35

35 Watts

- Capable of handling 70V, 25V, 8 Ohm and 4 Ohm speaker loads
- 8 input module bays (modules sold separately)
- Wide selection of advanced input modules
- Bass and treble control bypass switch
- 125 Hz Lo-cut feature
- Rack mountable (mounting kit RPK87 sold separately)
- 2 rack spaces high (3-1/2")

BADGER PART NUMBER:

V35



V35

V60

60 Watts

- Capable of handling 70V, 25V, 8 Ohm and 4 Ohm speaker loads
- 8 input module bays (modules sold separately)
- Wide selection of advanced input modules
- Bass and treble control bypass switch
- 125 Hz Lo-cut feature
- Rack mountable (mounting kit RPK87 sold separately)
- 2 rack spaces high (3-1/2")

BADGER PART NUMBER:

V60



V60

V150

150 Watts

- Capable of handling 70V, 25V, 8 Ohm and 4 Ohm speaker loads
- 8 input module bays (modules sold separately)
- Wide selection of advanced input modules
- Bass and treble control bypass switch
- 125 Hz Lo-cut feature
- Rack mountable (mounting kit RPK87 sold separately)
- 2 rack spaces high (3-1/2")

BADGER PART NUMBER:

V150



V150

V250

250 Watts

- Capable of handling 70V, 25V, 8 Ohm and 4 Ohm speaker loads
- 8 input module bays (modules sold separately)
- Wide selection of advanced input modules
- Bass and treble control bypass switch
- 125 Hz Lo-cut feature
- Rack mountable (mounting kit RPK87 sold separately)
- 2 rack spaces high (3-1/2")

BADGER PART NUMBER:

V250



V250

RVCP

Remote Volume Control Panel for V-Series and WV-Series

BADGER PART NUMBER:

RVCP

RPK87

Rack Mount Kit for Power Vector Amplifier

BADGER PART NUMBER:

RPK87

The Wall-Mount Power Vector Series offers a cost-effective way to combine up to 8 modular inputs and signal-processing outputs to meet various applications. Convenient and efficient wall-mount design allows for inconspicuous, permanent mounting.

- 8 module input bays, accepts up to 2 signal-processing output modules and up to 8 input modules
- 11-segment LED output level meter registers Peak or Average output
- Four priority levels between modules • Independent volume controls for each input
- Motorized master volume control, with optional accessory RVCP for remote operation
- Master mute function • Bass and treble controls • Lo-cut switch • Tone control bypass switch
- Short-circuit, and overload protection
- Thermally controlled 3-speed fan • UL and CSA listed
- Components required for installation:
Door (WMAD) and Back Box (BBF or BBS), both sold separately; all modules sold separately

WV100

100 Watts

- 4 Ohm, 8 Ohm, 25V, and 70V outputs • Four priority levels
- Wall Mountable with Backbox and Door (Sold Separately)
- 2A AC Line Draw • Motorized Master Volume Control

BADGER PART NUMBER:

WV100

WV150

150 Watts

- 4 Ohm, 8 Ohm, 25V, and 70V outputs • Four priority levels
- Wall Mountable with Backbox and Door (Sold Separately)
- 3.5A AC Line Draw • Motorized Master Volume Control

BADGER PART NUMBER:

WV150

WV250

250 Watts

- 4 Ohm, 8 Ohm, 25V, and 70V outputs • Four priority levels
- Wall Mountable with Backbox and Door (Sold Separately)
- 5.5A AC Line Draw • Motorized Master Volume Control

BADGER PART NUMBER:

WV250



BBF

Flush-Mount Back Box

BADGER PART NUMBER:

BBF

BBS

Surface-Mount Back Box

BADGER PART NUMBER:

BBS

WMAD

Front Cover/Door

BADGER PART NUMBER:

WMAD



BBF



BBS



WMAD

SAX1R

Stereo Aux Input Module

- Gain/Trim control
- Bass and Treble controls
- Fade back from mute
- Bus assignable
- RCA connectors

BADGER PART NUMBER:
SAX1R



SAX1R

BRG1R

Bridging Input Module

- Gain/Trim control
- Ground isolated input to eliminate ground loop
- Fade back from mute
- Bus assignable
- RCA input and output connectors

BADGER PART NUMBER:
BRG1R



BRG1R

TNG1S

Tone Generator Input Module

- Level control
- Select 4 of 8 tones to trigger: burst/steady, slow whoop, siren, mechanical bell, Klaxon, night ringer, double chime, and doorbell
- Momentary/continuous playback modes
- Priority assignable
- Mute send and receive
- Screw terminal trigger connections

BADGER PART NUMBER:
TNG1S



TNG1S

MIC1X

High-Quality Mic Input Module

- Gain/Trim control
- Bass and Treble controls
- Limiter w/Threshold control
- 24V Phantom power
- XLR connector

43697D PART NUMBER:
MIC1X



MIC1X

MIC2X

High-Quality Mic Input Module

- Gain/Trim control
- Hi-cut/Lo-cut controls
- Limiter w/Threshold control
- 24V Phantom power
- XLR connector

BADGER PART NUMBER:
MIC1X



MIC2X

MAX1R

Mono Aux Input Module

- Gain/Trim control
- Bass and Treble controls
- Fade back from mute
- Bus assignable
- RCA connectors

BADGER PART NUMBER:
MAX1R



MAX1R

TBL1S

Transformer-Balanced Input

- Gain/Trim control • Bass/Treble controls
- Transformer-isolated, dual-impedance, line level input
- Variable ducking level when muted
- Mute send & receive • Fade back from mute
- Priority and bus assignable
- Pluggable screw terminal connections

BADGER PART NUMBER:
TBL1S



TBL1S

MIC1S

Microphone Input Module

- Gain/Trim control • Bass/Treble controls
- Limiter with threshold control
- Priority and bus assignable
- Screw terminals • 24V phantom power

BADGER PART NUMBER:
MIC1S

MIC2S

Microphone Input Module

- All features of MIC1S plus:
- Hi-cut/Lo-cut controls • Enhance control
- Noise gate with threshold control

BADGER PART NUMBER:
MIC2S



MIC1S

TEL1S

Telephone Input Module

- Loop/ground start trunk interfacing
- Dry Loop interfacing to paging ports
- Audio-activated paging in dry loop
- Screw terminal connections

BADGER PART NUMBER:
TEL1S



TEL1S

BAL2S

Hi-Z Stereo-Balanced Input Module

- Balanced high-impedance inputs
- Selectable channel gain (0 dB or 18 dB)
- Variable signal ducking when muted
- Fade back from mute level
- Can be muted from higher priority modules

BADGER PART NUMBER:
BAL2S



BAL2S

RIO1S

Relay Input/Output Module

- Input and output level controls
- Transformer-isolated, bal. line level input
- 600 Ohm or 10 jumper-select input impedance
- Relay responds to selectable priority level
- External control of priority muting
- N.O. or N.C. relay contacts
- Screw terminal connections; RJ11 connection possible

BADGER PART NUMBER:
RIO1S



RIO1S

CMP1R

Compressor Limiter-Output

- Compressor Ratio control
- Threshold control
- Make-up Gain control
- Bypass switch
- Unbalanced input
- Gradual fade back from mute
- Mutable input (lowest priority only)

BADGER PART NUMBER:
CMP1R



CMP1R

ANS1R

Ambient Noise Sensor-Output

- Maximum Gain control • Ramp Speed control
- Activity Threshold control
- Ambient mic input threshold control
- Stereo Aux input (summed mono)
- Aux level input control • Defeatable
- Gradual fade back from mute
- Connect up to 4 sensor mics (1 included)
- Mutable input (lowest priority only)

BADGER PART NUMBER:
ANS1R



ANS1R

PEQ1R

Parametric Equalizer-Output

- 2 full parametric bands
- Frequency control
- 'Q' bandwidth control
- Gain control
- Bass and Treble control
- Unbalanced input
- Bypass switch

BADGER PART NUMBER:
PEQ1R



PEQ1R

PUBLIC ADDRESS AMPLIFIERS

Gold Seal Digital Series Audio Amplifiers

- A high quality line of audio amplifiers designed with the sound contractor in mind
- Providing flexibility, versatility, and reliability at an affordable price • Available in 35 watt, 60 watt, 100 watt, 150 watt and 250 watt models
- Gold Seal series amplifiers incorporate the same set of features in all of the models • 20% savings in electrical use
- Incorporates variable Loudness Contour Control Dual Equalizer for feedback control or full-range graphic equalization
- 6 Mic inputs, 2 Aux inputs, 1 paging port • Remote volume control • Aphex® Aural Exciter Circuitry • Automatic muting on telephone page
- Variable muting control • All models: 8 Ohm, 25V, 25VCT, 70V, and 100V bal./unbalanced lines • Direct 4 Ohm, 500/600 Ohm (with WMT-1A)

GS35D

35 Watt Model

BADGER PART NUMBER:
GS35

GS100D

100 Watt Model

BADGER PART NUMBER:
GS100

GS250D

250 Watt Model

BADGER PART NUMBER:
GS250

GS500D

500 Watt Model

BADGER PART NUMBER:
GS500

GS60D

60 Watt Model

BADGER PART NUMBER:
GS60

GS150D

150 Watt Model

BADGER PART NUMBER:
JGS150

Gold Seal Digital Series Accessories

BADGER PART NUMBER:

- | | |
|--------------|--|
| GSRVC | Remote Master Volume Control |
| GSRPK | Rack Panel Kit for All GS Models, 19"x2U |
| GSTRC | Tamper Resistant Cover |



GS100

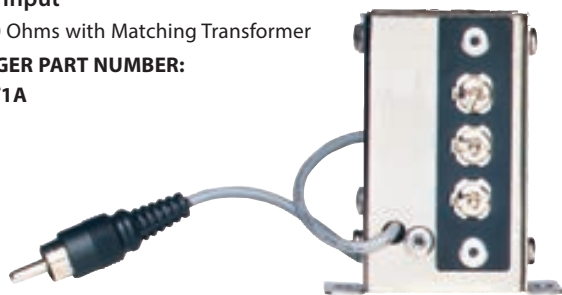


GS250

Every effort has been made to ensure the integrity of this catalog. Badger Communication cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.

WMT1A**Line Input**

- 600 Ohms with Matching Transformer

BADGER PART NUMBER:**WMT1A****WMT1A****C35****35 Watts**

- 4 Ohm unbalanced • 8, 16 Ohm, 25V and 70V balanced
- 85W power consumption

BADGER PART NUMBER:**C35****C60****60 Watts**

- 4 Ohm unbalanced • 8, 16 Ohm, 25V and 70V balanced
- 148W power consumption

BADGER PART NUMBER:**C60****C60****C10****10 Watts**

- 4, 8, 16 Ohms, 25V and 70V balanced • 38W power consumption

BADGER PART NUMBER:**C10****C20****20 Watts**

- 4, 8, 16 Ohms, 25V and 70V balanced • 50W power consumption

BADGER PART NUMBER:**C20****C20****PAGING PRODUCT ACCESSORIES****RPK35B****3-1/2" High Rack Panel Kit for C10, C20, and CAM2****BADGER PART NUMBER:****RPK35B****WMK1****Wall Mounting Kit for CAM2, C10 (MOH), and C20 (MOH)****BADGER PART NUMBER:****WMK1****RPK50****3-1/2" High Brackets for C35, C60, and C100****BADGER PART NUMBER:****RPK50****WMT1A****Line Input - 600 Ohms with Matching Transformer****BADGER PART NUMBER:****WMT1A****UTILITY AMPLIFIERS****GA2****Compact 1.5 Watt Amplifier**

- The GA2 is ideal for feeding music-on-hold to a phone system
- 8 Ohm, 600 Ohm
- The GA6A is an excellent choice for adding background music to a waiting room

BADGER PART NUMBER:**GA2****GA2****GA6A****Rugged 6 Watt Amplifier**

- Output taps: 8 Ohm, 70V

BADGER PART NUMBER:**GA6A****GA6A****View our searchable electronic catalog at: www.badgercommunications.com**

TPU-Series Amplifiers

Specifically designed for telephone paging, the Bogen TPU series of telephone paging amplifiers offers a choice of rated power output from 15 to 250 watts. Input terminals are provided for a 600 Ohm balanced telephone line and a background music source (FMR or TP30D), as well as a balanced low-impedance microphone in the TPU100, TPU60 and TPU35. The built-in night ringer (except TPU15A) sounds a tone through the paging system speakers when triggered by an external contact closure. Voice-activated circuitry automatically mutes or fades music when paging. Compact and wall mountable. UL and CSA listed.

All TPU models include Automatic Level Control (ALC) and the TPU "B" models feature an Aphex® Aural Exciter Circuit.

TPU250

250 Watts

• 25V • 25VCT • 70V • 16 Ohms • Bal/unbalanced

BADGER PART NUMBER:

TPU250

TPU60B

60 Watts

• 25V • 25VCT • 70V • 16 Ohms • Bal/unbalanced

BADGER PART NUMBER:

TPU60B

TPU15A

15 Watts

(No Night Ringer)

• 25V • 70V • 8 Ohms

• Balanced • Transformer coupled

BADGER PART NUMBER:

TPU15A



TPU15A

TPU100B

100 Watts

• 25V • 25VCT • 70V

• 16 Ohms • Bal/unbalanced

BADGER PART NUMBER:

TPU100B



TPU100B

TPU35B

35 Watts

• 25V • 25VCT • 70V • 16 Ohms • Bal/unbalanced

BADGER PART NUMBER:

TPU35B

RPK82

Rack Panel Kit for TPU35B/65B/100B

BADGER PART NUMBER:

RPK82

DUAL-CHANNEL AMPLIFIERS

X300

300 Watts

- 300W per channel for 70V speaker systems • Dual 70V amplifier channels • Low noise, low distortion, and high slew rate
- High efficiency class H amplifier design • Heavy-gauge steel chassis with cast aluminum front panel • Rear-mounted volume controls
- Mounts in 2 rack spaces (3-1/2") directly stackable without need for extra space above or below
- 2 independent, continuously variable, cooling fans for dependable and quiet operation • Easily removable front fan grilles with filters

BADGER PART NUMBER:

X300

X450

450 Watts

- 450W per channel for 70V speaker systems • Dual 70V amplifier channels • Low noise, low distortion, and high slew rate
- High efficiency class H amplifier design • Heavy-gauge steel chassis with cast aluminum front panel • Rear-mounted volume controls
- Mounts in 2 rack spaces (3-1/2") directly stackable without need for extra space above or below
- 2 independent, continuously variable, cooling fans for dependable and quiet operation • Easily removable front fan grilles with filters

BADGER PART NUMBER:

X450

X600

600 Watts

- 600W per channel for 70V speaker systems • Dual 70V amplifier channels
- Heavy-gauge steel chassis with cast aluminum front panel • Rear-mounted volume controls
- Mounts in 2 rack spaces (3-1/2") directly stackable w/o need for extra space above or below
- High efficiency class H amplifier design • Low noise, low distortion, and high slew rate
- 2 independent, continuously variable, cooling fans for dependable and quiet operation • Easily removable front fan grilles with filters

BADGER PART NUMBER:

X600



X600

M300

Stereo 300 Watts per Channel

- Mono 600 watts • Includes BAL2S input module • 2 rack spaces
- 2 channel operation into 4 Ohm Load • 1 channel, 70V Mono at 600W

BADGER PART NUMBER:

M300



M300

Every effort has been made to ensure the integrity of this catalog. Badger Communication cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.

M450**Stereo 450 Watts per Channel**

- Mono 900 watts • Includes BAL2S input module • 2 rack spaces (3-1/2") directly stackable without need for extra space above or below
- 2 channel operation into a 4 Ohm Load • 1 channel operation, 70V Mono at 900W • 2 independent, continuously variable cooling fans

BADGER PART NUMBER:**M450****M600****Stereo 600 Watts per Channel**

- Mono 1200 watts • Includes BAL2S input module • 2 rack spaces (3-1/2") directly stackable without need for extra space above or below
- 2 channel operation into a 4 Ohm Load • 1 channel operation, 70V Mono at 1200W • 2 independent, continuously variable cooling fans

43697D PART NUMBER:**M600****MONO-CHANNEL AMPLIFIERS****HTA Series Power Amplifiers**

- Power amplifiers that safely drive any load continuously, even at +55° C (131° F)
- Designed for direct mounting in a standard 19" rack
- Failure protection includes a thermal breaker, short circuit protection and fuse
- Power MOSFET circuitry • Outputs: 4 Ohm, 8 Ohm, 25CVT, 70V • UL listed

BADGER PART NUMBER:**HTA125A** 125 Watt Model**HTA250A** 250 Watt Model**HTA250A****TL100****1:1 Ratio Plug-in with Matching Transformer****BADGER PART NUMBER:****TL100****TL100****TL600****Plug-in - 600 Ohms with Matching Transformer****BADGER PART NUMBER:****TL600****AMPLIFIERS****BPA60 Power Amplifier****60 Watt RMS Amplifier**

- Outputs: 8 Ohm, 16 Ohm, 25VCT, 70V
- Hi-Z Unbalanced, Low-Z Balanced • Thermally protected
- Optional Rack Mount Kit available (RPK53)

BADGER PART NUMBER:**BPA60****BPA60****DIGITAL MATRIXED AMPLIFIERS****PM3180****ProMatrix Digitally Matrixed Amplifier**

Incorporates 3 independent channels with a unique digital interface, providing an ideal solution for a facility where multiple program and paging inputs need to be distributed to separate areas and auto switched (Such as a restaurant, lounge, hotel or factory)

- 3 independent amplifier channels with outputs at 20, 60, 100 watts
- 2 Lo-Z balanced Mic inputs and 4 Aux inputs • 25V, 70V taps
- Wireless remote • User/Password Protected Program modes
- Separate 4 and 8 Ohm outputs • Rack mount kit avail (RPK79)
- Auto switching of inputs based on input activity • 430W power

BADGER PART NUMBER:**PM3180**

View our searchable electronic catalog at: www.badgercommunications.com

RMPWMK3

Remote Panel Mounting Kit for ProMatrix Front Panel

BADGER PART NUMBER:
RMPWMK3

RPK79

Rack Mounting Kit for ProMatrix Amplifier

BADGER PART NUMBER:
RPK79

MIXERS

CAM2

Mic Mixer-Amplifier

- Ideal for multiple microphone public address applications
- 5-input mixer-amplifier
- 4 Mic inputs • 1 Aux input • Multiple unit connection
- Active Mixing • Hi-Z and Lo-Z inputs
- Outputs: microphone-level and high-level
- Rack mount (with RPK35B kit)

BADGER PART NUMBER:
CAM2



CAM2

RPK35B

3-1/2" High Rack Panel Kit for C10, C20, and CAM2

BADGER PART NUMBER:
RPK35B

WMK1

Wall Mounting Kit for CAM2, C10 (MOH), and C20 (MOH)

BADGER PART NUMBER:
WMK1

MIXER MODULAR

VMIX

8 Channel Mixer/Pre-Amplifier, Level Meter

- 8 Input Module Bays with Independent Volume Controls
- 2 Module Bays • 4 Levels of Priority Between Modules
- Motorized Master Volume Control • LED Signal/Clip Indicator
- Bass and Treble Controls • 11-Segment LED Output Level Meter

BADGER PART NUMBER:
VMIX



VMIX

V-Series: Power Vector Modular Amplifiers

- 5 models ranging from 35W to 250W each; a mixer-only version (VMIX) is also available
- Capable of handling 70V, 25V, 8-ohm, and 4-ohm speaker loads
- 8 module bays
- Wide selection of advanced plug-in modules (modules sold separately)
- 4 levels of priority between modules
- 2 module bays capable of handling plug-in signal processing output modules
- Motorized master volume control can be remotely operated

BADGER PART NUMBER:

V35

V60

V100

V150

V250

RVCP

Remote Volume Control Panel for V-Series and WV-Series

BADGER PART NUMBER:
RVCP

RPK87

Rack Mount Kit for Power Vector Amplifiers

BADGER PART NUMBER:
RPK87

BADGER PART NUMBER:	Bright White	White	Knob Vol. Control	Recessed Vol. Control	Screw Terminal	6 oz. Magnet	10 oz. Magnet
S86T725PG8U	•					•	
S86T725PG8UVK	•		•			•	
S86T725PG8UVR	•			•		•	
S86T725PG8UBR	•				•	•	
S86T725PG8UBRVK	•		•		•	•	
S86T725PG8UBRVR	•			•	•	•	
S86T725PG8W		•				•	
S86T725PG8WVK		•	•			•	
S86T725PG8WVR		•		•		•	
S86T725PG8WBR		•			•	•	
S86T725PG8WBRVK		•	•		•	•	
S86T725PG8WBRVR		•		•	•	•	
S810T725PG8U	•						•
S810T725PG8UVK	•		•				•
S810T725PG8UVR	•			•			•
S810T725PG8W		•					•
S810T725PG8WVK		•	•				•
S810T725PG8WVR		•		•			•

Ceiling Speaker/Grille Transformer Assembly Model Number Key:
S8 = 8", 4 Watt Cone Speaker

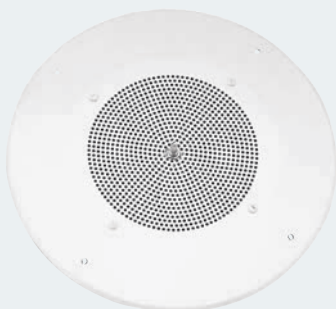
S86 = 8", 4 Watt Cone Speaker, *6 oz. magnet*
S810 = 8", 4 Watt Cone Speaker, *10 oz. magnet*
T725 = 8 Ohm matched transformer for 25/70V line

PG8U = Low Profile Steel Grille in *Bright White*
PG8W = Low Profile Steel Grille in *White*
VK = Knob Volume Control

VR = Recessed Volume Control

BR = Screw terminal

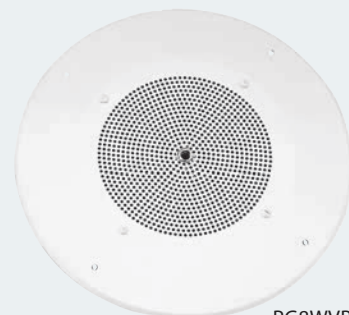

PG8U



PG8WVK



PG8W



PG8WVR

Attenuators

- Sets loudspeaker output level on a 25V or 70V line
- 10 stops • Off position

BADGER PART NUMBER:

- AT10A** 10 Watt Attenuator
(Single Gang Size),
2-7/8" x 2-1/2", 1 lb.
- AT35A** 35 Watt Attenuator
(Double Gang Size),
4-3/4" x 4-3/4" x 3", 2 lbs.



AT10A/AT35A

Round Recessed Steel Speaker Enclosure

- For use with Bogen grilles and 8" ceiling speakers
- 12-1/4" diameter ring • 4" depth • 2 lbs.

BADGER PART NUMBER:

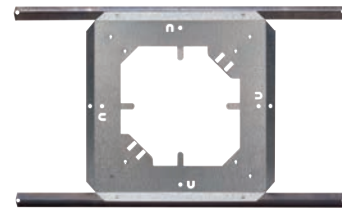
RE84

Tile Bridge

- Load-bearing T-bar support • Mounts behind ceiling tile
- Designed to sustain weight of speaker/grille/enclosure combo in a suspended ceiling

BADGER PART NUMBER:

TB8



TB8

Steel Mounting Ring

- Designed for applications not requiring TB8 support

BADGER PART NUMBER:

MR8

DROP-IN CEILING SPEAKERS

CSD1X2

Drop-In Ceiling Speaker with Volume Control (1' x 2')

A full-range speaker that allows for fast and simple installation. No accessories or other hardware required for mounting. Just make one cut to the ceiling tile and drop the CSD1X2 in place. One-piece assembly saves installation time, effort and cost.

- 8" dual cone speaker with 10 ounce magnet, and 3" tweeter • 1' x 2' perforated grille over speaker front
- 4-watt 25/70V transformer • Frequency response: 110 Hz – 20 kHz • 4, 2, 1, 1/2, and 1/4 W tap settings • Output 96 dBspl (1W @ 1m)
- 100 degree dispersion • For use with 2' x 4' and 2' x 2' suspended tile ceilings • Non-reflective, white powder-coated epoxy paint
- Integral tile support rail • Aesthetically blends in with ceiling tiles • 3" two-conductor wire ready for connection

BADGER PART NUMBER:

CSD1X2



CSD1X2

CSD1X2VR

Drop-In Ceiling Speaker (1' x 2'), same features as CSD 1X2, with adjustable volume control

- Front-mounted volume control • Support rail crossbar (included)

BADGER PART NUMBER:

CSD1X2VR

CSD2X2

Drop-In Ceiling Speaker with Volume Control (2' x 2')

The CSD2X2 is a 2' x 2' speaker that fits perfectly into place in 2'x2' ceiling frames - without cutting ceiling tiles or requiring tile support rails. Can also be easily installed in 2' x 4' ceiling tiles - just make one cut to the ceiling tile, position the support rail, and drop the speaker into place.

- 8" main cone with secondary high frequency cone
- Finely perforated grille over speaker front
- Fully enclosed, industrial grade steel construction
- 70V/25V, 4-watt transformer (4, 2, 1, .5, .25 watt) taps; selected by rotary switch
- For use with both 2' x 2' and 2' x 4' suspended tile ceilings
- Support rail crossbar (included)

BADGER PART NUMBER:

CSD2X2 White Drop-in Ceiling Speaker

CSD2X2U Bright White Drop-in Ceiling Speaker



CSD2X2

Every effort has been made to ensure the integrity of this catalog. Badger Communication cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.

CSD2X2L, CSD2X2LU**Low-impedance Drop-In Ceiling Speaker**

The CSD2X2L(U) is a 2' x 2' speaker that fits perfectly into place in 2' x 2' ceiling grids – without needing to cut ceiling tiles or requiring the use of tile support rails. The CSD2X2L(U) can also be easily installed in 2' x 4' ceiling grids – just make one cut to the ceiling tile, position the support rail (included), and drop the speaker into place.

- 8" dual cone speaker with 10 ounce magnet
- 15-watt @ 8-ohm • Frequency response: 85 Hz – 20 kHz
- Output 94 dBspl (1W @ 1m)
- 100 degree dispersion
- For use with 2' x 4' and 2' x 2' suspended tile ceilings
- Product weight of 12 lbs.

BADGER PART NUMBER:

CSD2X2L White Low-impedance Drop-in Ceiling Speaker
CSD2X2LU Bright White Low-impedance Drop-in Ceiling Speaker



CSD2X2L

CEILING SPEAKERS**HFCS1****High-Fidelity Ceiling Speaker**

- Computer-matched venting system for full bass output
- Wide dispersion coaxial driver provides broad, even coverage
- Good off-axis response with smooth contouring
- High power handling capability for foreground sound
- Selectable power taps via front-mounted rotary control: 16 Ohms: 75W; 70V: 32, 16, 8, 4, 2, and 1W taps; 100V: 32, 16, 8, 4, and 2W taps
- For 16 Ohm, 70V and 100V systems • Easy wiring with snap-on connector
- Frequency response: 65 Hz – 19 kHz • Sensitivity: 89 dBspl @ 1W/1m
- 6-1/2" long-lasting, durable polycarbonate cone
- 3/4" polypropylene cone
- White ABS baffle ring and perforated steel grille (both paintable)
- UL approved; fire rated (94VO) baffle
- Speaker Dimensions 12-5/16" dia. x 12" D
- Minimum Vertical Clearance Requirement 11"

BADGER PART NUMBER:**HFCS1**

HFCS1

HFCS1LP**High-Fidelity, Low-Profile Ceiling Speaker**

- Low-profile housing allows greater range of installations
- Integral swing-out clamps for easy installation
- Computer-matched venting system for full bass output
- Wide dispersion coaxial driver provides broad, even coverage
- Selectable power taps via front-mounted rotary control: 16 Ohms: 75W; 70V: 32, 16, 8, 4, 2, and 1W taps; 100V: 32, 16, 8, 4, and 2W taps
- For 16 Ohm, 70V and 100V systems • Easy wiring with snap-on connector
- Frequency response: 65 Hz – 19 kHz • Sensitivity: 89 dBspl @ 1W/1m
- 6-1/2" long-lasting, durable polycarbonate cone
- 3/4" polypropylene cone
- White ABS baffle ring and perforated steel grille (both paintable)
- UL approved; fire rated (94VO) baffle
- Speaker Dimensions 12-5/16" dia. x 7-3/4" D
- Minimum Vertical Clearance Requirement 6-3/4"

BADGER PART NUMBER:**HFCS1LP**

HFCS1LP

HFSF1

Small Footprint, High-Fidelity Speaker

Designed to harmonize with interiors of venues where aesthetics are important.

- 4" Woofer, 3/4" Dome tweeter
- Front-mounted vent for extended bass
- Front-mounted rotary tap selection switch
- Speaker Dimensions: 7-1/4" dia. x 7-1/2" D, Weight: 4-1/2 lbs.
- Selectable power taps via front-mounted rotary control:
16 Ohms: 50W; 70V: 16, 8, 4, 2, 1W
- Frequency response: 78 Hz – 20 kHz • Sensitivity: 86 dBspl @ 1W/1m

BADGER PART NUMBER:

HFSF1



HFSF1

CSUB

In-Ceiling Subwoofer

Provides the low-end bass response required in demanding venues.

- 8" long-excursion driver
- Complements OCS1, HFSF1, and HFCS1/LP speakers
- Integral swing-out clamps for easy install
- Speaker Dimensions: 15-1/2" dia. x 11" D, Weight: 19 lbs.
- Selectable power taps via front-mounted rotary control:
8 Ohms: 150W; 70V: 64, 32, 16, 8, 4, 2W

BADGER PART NUMBER:

CSUB



CSUB

CK10

10-Foot Cable Kit

- 10-foot long cable kit; use as main suspension drop cable or as back-up safety cable

BADGER PART NUMBER:

CK10B Black 10-foot Cable Kit

CK10 Silver 10-foot Cable Kit

CK10W White 10-foot Cable Kit



CK10

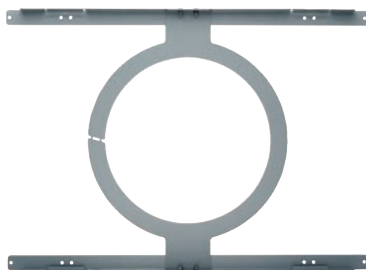
TBCR

Tile Bridge Support Ring

- Provides additional support in suspended ceilings, or use as routing guide for new installations.

BADGER PART NUMBER:

TBCR



TBCR

OCS1

NEAR Orbit Ceiling Speaker

NEAR Orbit Ceiling Speakers are the ideal choice for installations where the quality of music and vocal reinforcement are critical.

- Wide-dispersion coaxial driver for broad even coverage
- 6-1/2" metal-alloy cone delivers detailed sound; 3/4" polycarbonate dome
- High-efficiency drivers deliver superior performance
- Computer-matched venting system and large back can provide exceptional full-bass output
- Easy wiring with snap-on connector
- For 16 Ohm, 70V and 100V systems
- Selectable power taps: 16 Ohms: 100W; 70V: 32, 16, 8, 4, 2, and 1 W; 100V: 32, 16, 8, 4, and 2 W
- Frequency Response: 60 Hz to 19 kHz
- Sensitivity: 89.5 dBspl
- Attachment point for seismic (safety) cable
- Heavy-gauge plated steel back can
- White textured finish, paintable
- UL approved; fire-rated (94VO) ABS baffle

BADGER PART NUMBER:

OCS1



OCS1

OPS1
NEAR Orbit Pendant Speakers

Ideal sound solution for open space environments that require clear, quality sound evenly distributed throughout the area.

- Specially designed to provide full-range bass in open space environments
- Easy-to-use cable suspension system includes three suspension cables with attached forged eyebolts
- Wide-dispersion coaxial driver for broad, even coverage
- 6-1/2" metal-alloy cone delivers detailed sound; 3/4" polycarbonate dome
- High-efficiency drivers deliver superior performance
- Large cabinet volume and computer-matched venting system for superior bass output
- Snap connector for easy wiring to drop cables
- For 16 Ohm, 70V, and 100V systems
- Selectable power taps: 16 Ohms - 100 W;
70V: 32, 16, 8, 4, 2, and 1 W; 100V: 32, 16, 8, 4, and 2 W
- Frequency response: 60 Hz to 19 kHz • Sensitivity: 89.5 dBspl
- Low-resonance cabinet structure • Eyebolt for optional safety cable
- Powder-coated, perforated sturdy steel grille
- Available in black or white textured, paintable finish
- UL approved; fire-rated (94VO) enclosure

BADGER PART NUMBER:

- OPS1B** Black NEAR Orbit Pendant Speaker
OPS1W White NEAR Orbit Pendant Speaker



OPS1W



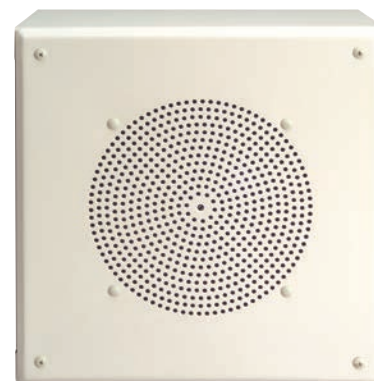
OPS1B

MB8T
Metal Box Speaker

- Rugged all-steel surface-mounted enclosure
- Full range 8" cone speaker
- Compatible with 25V or 70V amplifier systems
- Multiple taps at 4, 2, 1, 0.5, 0.25, 0.125 watts
- 4-Watt maximum output power
- Mounting hardware included on Q models (toggle bolts, wood screws and wire crimps)
- Recessed volume control on VR models

BADGER PART NUMBER:

- MB8TSL** Metal Box Speaker
MB8TSLVR Metal Box Speaker with Recessed Volume Control
MB8TSQ Metal Box Speaker, Ceiling or Wall Mountable
MB8TSQVR Metal Box Speaker, Ceiling or Wall Mountable, with Recessed Volume Control



MB8TSLVR

WALL BAFFLE SPEAKERS
Wall Baffle/Speaker/Transformer Assemblies

- 5.25" Deep • 4.5 lbs. • 8", 4 Watt Cone Speaker (S86) with 8 Ohm matched Transformer (T725) for 25/70V line
- Rugged 9.5" Wall Baffle (WB8) • 4 Watt capacity • Black Grille Cloth • Wooden Enclosure
- Simulated Walnut Vinyl Covering
- Reinforced Corners
- Power Taps @ 4, 2, 1, 1/2, 1/4, 1/8 Watts
- 9.5" (WB8) Wall Baffle • 5 lbs. • 10oz Magnet

BADGER PART NUMBER:

- WBS8T725** 8" (S86) Speaker with T725 Transformer Mounted in 9.5" (WB8) Wall Baffle
WBS8T725V 8" (S86) Speaker with T725 Transformer Mounted in 9.5" (WB8), Recessed Volume Control
WBS8T725BR 8" (S86) Speaker with T725 Transformer Mounted in 9.5" (WB8), Screw Terminal Strip
WBS8T725BRV 8" (S86) Speaker with T725 Transformer Mounted in 9.5" (WB8), Recessed Volume Control, Screw Terminal Strip
WBS810T725 8" (S810) Speaker with T725 Transformer Mounted in 9.5" (WB8), 5 lbs., 10oz Magnet



WBS8T725

FOREGROUND SPEAKERS

BOGEN
COMMUNICATIONS, INC.

Bogen FG Series Background and Foreground Speakers are designed to compliment today's sophisticated music systems. They provide the performance demanded by customers, and quality construction and reliability the installer can count on.

- Smooth, wide frequency response for music or voice
- Compact, rugged plastic enclosures
- 'U' Mounting bracket included

FG15B, FG15W

7.25" Foreground Speaker

- Black or White colored enclosure • 3" paper woofer and 3/4" mylar tweeter
- Rated 15 watts @ 8 Ohms or 1, 2, 4, 7.5, 15 watts @ 70 volts • 4 lbs.

BADGER PART NUMBER:

FG15B Black 7.25" Foreground Speaker
FG15W White 7.25" Foreground Speaker

FG20S

9" Black Foreground Speaker

- Splash-proof • Can be used outdoors
- 5" poly woofer and 3/4" mylar tweeter
- Rated 20 watts @ 8 Ohms or 5, 10, 15, 20 watts @ 70 volts • 6 lbs.

BADGER PART NUMBER:

FG20S

FG30

9" Black Foreground Speaker, Black Colored Enclosure

- 5" paper woofer and 3/4" mylar tweeter
- Rated 30 watts @ 8 Ohms or 10, 15, 20, 30 watts @ 70 volts • 6 lbs.

43697D PART NUMBER:

FG30

FGSM, FGSMW

Swivel Mount for All FG Series Speakers

BADGER PART NUMBER:

FGSM Black Speaker Swivel Mount
FGSMW White Speaker Swivel Mount



FG15



FG20S



FG30

BOGEN ALL WEATHER SPEAKERS

S4, S4T, S5, S5T

Signature Series High-Performance Foreground Loudspeakers

- High sensitivity and exceptional power handling
- Patented MLS Ferrofluid Suspension, and MDT Metal Alloy Cone
- 1" High-Frequency Titanium Drivers with Ferrofluid Damping (S5 speaker is horn-loaded)
- High-Resolution Metal Cone Drivers with Broad Dispersion
- Compact swivel mount bracket included
- Thick wall, low-resonance cabinet structure for better musical clarity
- For 70V and low-impedance systems
- Colors: Black (B) or White (W)

BADGER PART NUMBER:

S4x¹ 4 1/2" Low-Frequency Driver, High-Performance Loudspeaker
S4Tx¹ S4 with built-in 16W transformer
S5x¹ 5 1/4" Low-Frequency Driver, High-Performance Loudspeaker
S5Tx¹ S5 with built-in 32W transformer

x¹ denotes color: B=Black, W=White



All Weather Speakers

FMH15T

Flange-Mounted Reentrant-type Horn Speaker

- Weatherproof and vandal-resistant • Impedance selector for 25V or 70V line • 7" Diameter • 4 lbs.

BADGER PART NUMBER:

FMH15T

FMHAR8

Adapter Ring for FMH15T

BADGER PART NUMBER:

FMHAR8

SGHD8

Grille

BADGER PART NUMBER:

SGHD8

BBSM6, BBFM6

Black Box Surface Mount Enclosure

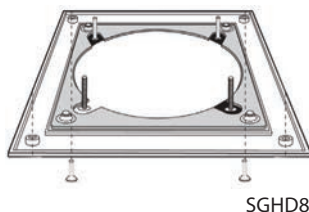
BADGER PART NUMBER:

BBFM6

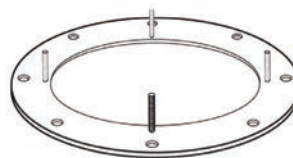
Black Box Surface Mount Enclosure with Wiremold Knockout

BBSM6

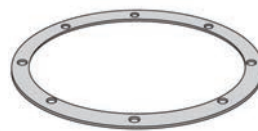
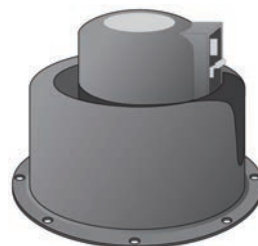
Black Box Surface Mount Enclosure



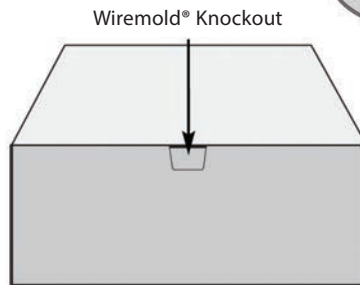
SGHD8



FMHAR8



FMH15T
and included gasket



BBSM6

HORN LOUDSPEAKERS

SPT5A

7.5 Watt Paging Horn with Transformer

- Weatherproof
- Impedance selector for 25V or 70V line
- 6" diameter • 3 lbs.

BADGER PART NUMBER:

SPT5A 7.5 Watt Paging Horn with Transformer

SP58A 7.5 Watt Paging Horn



SPT5A/SP58A

IH8A

15 Watt Paging Horn

- Weatherproof • 8 Ohm Impedance • 6.5" diameter • 3 lbs.

BADGER PART NUMBER:

IH8A

BC1

Beam Clamp for SPT and HS-EZ Horn Speakers

BADGER PART NUMBER:

BC1

KFLDS30T

Wide Direction 30 Watt Horn with Transformer

- Weatherproof • Impedance selector for 25V or 70V line
- 170° Dispersion with Rotatable Horn Flare

BADGER PART NUMBER:

KFLDS30T

Attenuators

- Sets loudspeaker output level on a 25V or 70V line
- 10 stops • Off position

BADGER PART NUMBER:

AT10A 10 Watt Attenuator (Single Gang Size),
2-7/8" x 2-1/2", 1 lb.

AT35A 35 Watt Attenuator (Double Gang Size),
4-3/4" x 4-3/4" x 3", 2 lbs.

SPT15A

15 Watt Paging Horn with Transformer

- Weatherproof • Impedance selector for 25V or 70V line
- 9" diameter • 4 lbs.

BADGER PART NUMBER:

SPT15A 15 Watt Paging Horn with Transformer

SP158A 15 Watt Paging Horn

SPT30A

30 Watt Paging Horn with Transformer

- Impedance selector for 25V or 70V line / 8 Ohm Impedance
- Weatherproof • 11" diameter • 6 lbs.

BADGER PART NUMBER:

SPT30A 30 Watt Paging Horn with Transformer

SP308A 30 Watt Paging Horn



SPT15A/SP158A
SPT30A/SP308A

BDT30A

Bi-Directional 30 Watt Horn with Transformer

- Weatherproof
- Impedance selector for 25V or 70V line
- 16.5" wide • 8 lbs.

BADGER PART NUMBER:

BDT30A



BDT30A

VANDAL-RESISTANT SPEAKERS

BOGEN
COMMUNICATIONS, INC.

Vandal Resistant Speaker Assemblies

Will withstand attempts at vandalism in hostile environments. Feature Triple Layer of Defense: Heavy-Duty #11 Gauge Stainless Steel Faceplate, a Baffled Steel Guard for Puncture Protection, Finely Perforated Screen to Stop Penetration by Thin, Flexible Objects.

- 1/2 Watt on 25V speaker line • Optional Lo-Impedance 8 Watt Speaker Operation
- One-way security screws • Unbreakable Metal Call Button • 5-1/2" x 7-3/4" x 1-3/4" • 4 lbs.

BADGER PART NUMBER:

VRS1 Vandal-resistant Speaker with Transformer and Call-in Switch



VRS1

SOUND COLUMNS

Bogen's A-Series "Armadillo" Loudspeakers

- Polycarbonate Tweeter (9" Dia. x 8" D)



A2WHT

BADGER PART NUMBER:	Speaker Size / Type	Frequency Response	Watts	Impedance	Color
A2BLK	2-Way • 6" Alloy LF1 • 1/2" Polycarbonate HF	55Hz-20 kHz	100 Watts	8 Ohm	Black
A2TBLK	2-Way • 6" Alloy LF1 • 1/2" Polycarbonate HF	55Hz-20 kHz	16 Watts	70 V	Black
A2WHT	2-Way • 6" Alloy LF1 • 1/2" Polycarbonate HF	55Hz-20 kHz	100 Watts	8 Ohm	White
A2TWHT	2-Way • 6" Alloy LF1 • 1/2" Polycarbonate HF	55Hz-20 kHz	16 Watts	70 V	White
A2GRN	2-Way • 6" Alloy LF1 • 1/2" Polycarbonate HF	55Hz-20 kHz	100 Watts	8 Ohm	Green
A2TGRN	2-Way • 6" Alloy LF1 • 1/2" Polycarbonate HF	55Hz-20 kHz	16 Watts	70 V	Green

Bogen's A-Series "Armadillo" Loudspeakers

- Pure Titanium, Low Diffraction Inverted Tweeter (17-13/16" W x 10-3/16" H x 10-7/8" D)



A8BLK



A12

BADGER PART NUMBER:	Speaker Size / Type	Frequency Response	Watts	Impedance	Color
A8BLK	2-Way • 8" Alloy LF • 1.1" Titanium HF	45Hz-20 kHz	175 Watts	8 Ohm	Black
A8TBLK	2-Way • 6" Alloy LF • 1.1" Titanium HF	45Hz-20 kHz	64 Watts	70 V	Black
A8WHT	2-Way • 6" Alloy LF • 1.1" Titanium HF	45Hz-20 kHz	175 Watts	8 Ohm	White
A8TWHT	2-Way • 6" Alloy LF • 1.1" Titanium HF	45Hz-20 kHz	64 Watts	70 V	White
A8GRN	2-Way • 6" Alloy LF • 1.1" Titanium HF	45Hz-20 kHz	175 Watts	8 Ohm	Green
A8TGRN	2-Way • 6" Alloy LF • 1.1" Titanium HF	45Hz-20 kHz	64 Watts	70 V	Green

ASTB4 NEAR A-Series Speaker Terminal Boot

- Designed to offer added protection against the effects of weather on wires and connections made to A-Series speaker model types

BADGER PART NUMBER:

ASTB4

8" Cone Speakers**BADGER PART NUMBER:**

- S86** Cone Speaker with 6 oz. magnet
S810 Cone Speaker with 10 oz. magnet

Speaker/Transformer Assemblies

- 8" Cone Speaker (S86) with 8 Ohm matched transformer (T725) for 25/70V line • 4 Watt capacity
- Easy installation in wall baffles, ceiling grilles • 6 different power taps (4, 2, 1, 1/2, 1/4, 1/8) • 2 lbs.

BADGER PART NUMBER:

- S86T725** Cone Speaker with Transformer Assembly
S86T725BR Cone Speaker with Transformer Assembly and Terminal Strip
S810T725 Cone Speaker (S810) with Transformer Assembly



S86T725

PAGING SPEAKER ACCESSORIES**Ceiling Grilles for 8" Speakers in White Enamel Finish**

- Shipped with hardware for mounting speaker to grille

BADGER PART NUMBER:

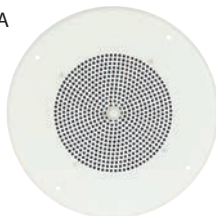
- PG8W** Round Steel (Low Profile), 13" Diameter and Terminal Strip
PG8A Round Aluminum (Low Profile), 13" Diameter
SG8W Round Steel (Low Profile), 13" Diameter

SELF-AMPLIFIED CEILING SPEAKERS**ASWG1****1 Watt Amplified Recessed Ceiling Speaker**

- AS1 mounted in white ceiling grille • 50 mA
- 24V DC • Volume control • 8" cone speaker

BADGER PART NUMBER:

- ASWG1** 1 Watt Amplified Recessed Speaker
ASWG1DK 1 Watt Amplified Recessed Speaker with Detachable Knob



ASWG1

MR8**Mounting Ring**

- Mounts any Bogen ceiling grille • 12" diameter

BADGER PART NUMBER:

MR8

RE84**Round Recessed Steel Speaker Enclosure**

- For use with Bogen grilles and 8" ceiling speakers
- 12-1/4" diameter ring • 4" depth • 2 lbs.

BADGER PART NUMBER:

RE84

TB8**Tile Bridge**

- Load-bearing T-bar support • Mounts behind ceiling tile
- Designed to sustain weight of speaker/grille/enclosure combo in a suspended ceiling

BADGER PART NUMBER:

TB8

SMTB**Tile Bridge for Easy Install Speakers**

- Bundle of 5

BADGER PART NUMBER:

SMTB



SMTB

ASM1**Self Amplified Easy-Install® Speaker**

- Installs in less than a minute
- Self-contained 1W amplifier
- High intelligibility and sensitivity
- Wide-range frequency response
- Direct and reflected sound paths create wide dispersion angle
- Lightweight and durable plastic shell with a paintable finish
- Simple, three-step installation process

BADGER PART NUMBER:

ASM1



ASM1

ACD2X2**Amplified Drop-In Ceiling Speakers**

- Quick and easy to install; wire and drop in place
- 2' x 2' design fits in 2' x 2' and 2' x 4' ceiling grids
- Support rail for 2' x 4' ceilings included
- Finely perforated grille over entire front of speaker panel
- 8" main cone speaker
- Self-contained 1W amplifier
- Front-mounted volume control

BADGER PART NUMBER:

ACD2X2



ACD2X2

SELF-AMPLIFIED METAL BOX AND WALL BAFFLE SPEAKERS

BOGEN®
COMMUNICATIONS, INC.

AMBSL1, AMBSQ1

Bogen's AMBSQ1 and AMBSL1 speakers feature an all-steel surface-mounted enclosure with an 8" cone loudspeaker, built-in 1W amplifier, and volume control. The AMBSQ1 is suitable for ceiling or wall mounting. The AMBSL1 is designed primarily for wall mounting and its face is angled downward by 12.5 degrees. A detachable volume control knob on the grille allows individual adjustment of paging level at each speaker location

- Rugged all-steel surface-mounted enclosure
- Full-range 8" cone speaker for excellent intelligibility
- Self-contained 1-watt amplifier • Interfaces with standard 600-ohm telephone line
- Built-in volume control with detachable knob

BADGER PART NUMBER:

AMBSL1 Self-amplified Metal Box Speaker for wall mounting

AMBSQ1 Self-amplified Metal Box Speaker for wall or ceiling mounting



AMBSQ1, AMBSL1

ASWB1

8" wall baffle cone speaker, complete with a built-in 1-watt amplifier

- 8 lb • black • wall-mountable • walnut color

BADGER PART NUMBER:

ASWB1



ASWB1

SELF-AMPLIFIED HORN SPEAKERS

BOGEN Self-Amplified Horn Speaker features:

- Screwdriver-adjustable volume controls • Banding slots for easy mounting on beams/pillars
- Tilt and swivel mounting brackets • Textured mocha enamel finish • 4-conductor connection cable included

AH5A, AH15A

5 and 15 Watt Amplified Horns

- Noisy/outdoor locations • Weatherproof
- 24V DC • 9" diameter

BADGER PART NUMBER:

AH5A 5 Watt Amplified Horn

AH15A 15 Watt Amplified Horn



AH5A/AH15A

BC1

Beam Clamp

- Easy and secure mounting to I-beams

BADGER PART NUMBER:

BC1

SAH5, SAH15, SAH30

Digital Switching Amplifier Horn Speakers

- 5W, 15W and 30W models • High-efficiency digital switching amplifier technology
- Low DC current draw and heat dissipation • Unique flare shape provides controlled sound dispersion
- Operates with continuous background music and at high ambient temperatures
- Rotatable horn for vertical or horizontal dispersion • Cast aluminum swivel mount

BADGER PART NUMBER:

SAH5 5 Watt Digital Switching Amplifier Horn Speaker

SAH15 15 Watt Digital Switching Amplifier Horn Speaker

SAH30 30 Watt Digital Switching Amplifier Horn Speaker



SAH15

SELF-AMPLIFIED SYSTEM CONTROL

- Volume control for network of speakers
- Rugged and attractive stainless steel wall plate with engraved lettering • 10 position settings plus off

BUFEX

Buffer-Expander Volume Control

- Buffer drives up to 150 speakers • Expands 100/70/25V systems
- Bypass feature allows emergency announcements to be heard even when local speaker volume is set low or off

BADGER PART NUMBER:

BUFEX

SLC

Signal Volume Control

- Easy install, wire with audio feed to speakers
- Secure terminal strip connections

BADGER PART NUMBER:

SLC



SLC

Every effort has been made to ensure the integrity of this catalog. Badger Communication cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.

PRSLSI
Loop Start Interface/Power Supply

- 24V DC power supply • Loop-start interface for small paging systems • Integral flanges for wall mount
- Rubber feet for shelf mount • Six-terminal barrier strip

BADGER PART NUMBER:
PRSLSI

PRSLSI
SPS2425, SPS2410, SPS2406

- 24V Power Supply
- Switching technology provides large current capacities in compact packages
- Easy and secure wall mount
- Generates little heat
- 24V DC @ 5.4 A power rating
- Pluggable terminal strip connections or wires with barrel-type connections

BADGER PART NUMBER:
SPS2425 Power Supply, 2.5 A power rating, holster mount

SPS2410 Power Supply, 1 A power rating, holster mount

SPS2406 Power Supply, .60 A power rating, receptacle mount

SPS2425

SPS2410

SP2406
PRS2403

- 24V DC, 300 mA Output • Two-Year Warranty
- Barrel-type connector for flexibility and convenience
- UL listed

BADGER PART NUMBER:
PRS2403

PRS2403

Bogen's Power Supplies are designed to supply the low voltage DC requirements for all of Bogen's products.

- Wide range of voltages and current outputs

PRS40C
Power Supply

- 12V DC @ 0.3A • Plug-in • 2" x 2-3/8" x 1-5/8"
- Barrel Connector • 1 lb.

BADGER PART NUMBER:
PRS40C
PRS48
Power Supply

- 48V DC @ 0.1A • Plug-in • 2-1/2" x 3" x 1-7/8"
- Screw Terminals • 1 lb.

BADGER PART NUMBER:
PRS48

PRS40C
SYSTEM ENHANCEMENTS PAGING ELECTRONICS
ANS501
Ambient Noise Sensor with Power Supply and Mic (ANS500M)

- Designed to electronically adjust level of a page announcement and/or background music in an environment where ambient noise levels continuously change
- Supports up to 4 Mics for large areas

BADGER PART NUMBER:
ANS501

ANS501
ANS500M
Additional Mic for ANS501
BADGER PART NUMBER:
ANS500M

ANS500M

 View our searchable electronic catalog at: www.badgercommunications.com

NR100

Night Ringer Connects to an Amplifier via Aux Input

- Provides an electronic ring tone throughout sound system when activated
- Activated by 90V ring signal or contact closure
- Music input with auto muting

BADGER PART NUMBER:
NR100



NR100

VAR1

Voice Activated Relay (Requires PRS40C Power supply)

BADGER PART NUMBER:
VAR1

TBA15

Talkback Amplifier

- Allows hands-free 2-way conversation between telephone and loudspeaker
- Continually switches direction of conversation
- 25V and 70V outputs • 600 Ohm balanced input
- TBA15 is used in conjunction with loudspeakers
- Adjustable switching recovery time
- Screwdriver-adjustable volume control
- Short and overload electronic protection
- 15W output
- Wall or Rack mount

BADGER PART NUMBER:
TBA15



TBA15

TG4C

Generates Pulsed Tone, Slow Whoop, Chime or Steady Tone

- 4 signals • Continuous or double-burst
- Built-in precedence
- External contact closure
- 1 volt RMS - 600 Ohm

BADGER PART NUMBER:
TG4C



TG4C

PRS2403 (+6 CU)

- 24V DC, 300 mA Output
- Two-Year Warranty
- Barrel-type connector for flexibility and convenience
- UL listed

BADGER PART NUMBER:
PRS2403



PRS2403

TAMB2

Interfaces a Telephone System with a Paging System

- Dual mode, station port or trunk port paging access
- Calling party controlled disconnect
- Preannounce and confirmation tones
- 24V and 48V operation (Requires PRS2403)

BADGER PART NUMBER:
TAMB2



TAMB2

DFT120

Digital Paging Feedback Terminator

- Eliminates feedback in paging systems
- Stackable capability (Up to 8 messages for playback)
- Uses digital recording technology to record a page
- Connects to page, loop start, analog ports using TAMB (Requires RF24A)
- 30 or 60 second page

BADGER PART NUMBER:
DFT120



DFT120

WMT1A

Line Input - 600 Ohms with Matching Transformer

BADGER PART NUMBER:
WMT1A

SYSTEM ENHANCEMENTS TELEPHONE ELECTRONICS

ADP1

Analog Door Phone

Convenient remote, hands-free two-way communication between two locations. Durable, weather-resistant, stainless steel construction protects against vandals and varying weather conditions.

- Suitable for indoor to outdoor station, door or gate communication
- Secure entry access to commercial, industrial or residential locations
- Pushbutton initiates the call at remote location
- Connect directly to an analog PABX/KSU station programmed for ringdown operation
- Adjustable microphone and speaker volume
- Adjustable call timeout (15 seconds to 2 minutes) • Call limit timer can be disabled
- Auto-answer feature allows monitoring of remote location
- Hands-free communications • Powered by telephone line; no power supply needed
- Vandal-resistant brushed stainless steel face plate with mounting gasket and heavy-duty call button
- Fits interior and exterior dual gang electrical boxes

BADGER PART NUMBER:
ADP1

Every effort has been made to ensure the integrity of this catalog. Badger Communication cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.



ADP1

DCM290-P

Denon 5-Disc CD Auto Player

- 5 Disc changer • Load or remove discs without interrupting play
- Stereo output via analog RCA jacks and digital output via coaxial and optical jacks
- Program up to 32 tracks from up to five separate discs
- Includes rack mount kit • MP3 and WMA decoders

BADGER PART NUMBER:

DCM290-P



DCM290-P

DST1

Digital Stereo Tuner

- PLL-synthesized tuning for drift-free operation
- Alphanumeric, fluorescent display panel
- 60 presets total (FM and AM), with scan feature
- Includes FM dipole antenna and AM loop antenna
- Handheld IR remote control (included) • Includes rack mount ears

BADGER PART NUMBER:

DST1



DFT120

DRZ35

AM/FM 35-Watt Receiver 4-Zone Music & Paging System

- 35W amplifier for 4-ohm, 25V, or 70V speaker systems
- Built-in AM/FM tuner, PLL-synthesized tuning for drift-free operation
- 20 total presets (10 AM & 10 FM)
- Vox-activated MIC override
- 3 inputs: 1 MIC, 1 AUX, 1 LINE
- Master volume, bass and treble controls, 5-segment output meter
- Four speaker zone switches allow paging in up to four different areas, any combination

BADGER PART NUMBER:

DRZ35



DRZ35

FMR

FM Radio Receiver

- Automatic Frequency Control prevents signal drift
- LED indicator illuminates when signal is strongest
- 1W output for MOH to telephone systems
- Connects to a variety of telephone and paging systems including self-amplified speaker systems
- Built-in monitor speaker makes easy tuning
- Line-level output for background music to paging systems

BADGER PART NUMBER:

FMR



FMR

PRS40C

12VDC 300MA Power Supply

- Supplies power to battery-operated and other low voltage DC equipment from a 120-volt AC source
- Rugged, versatile, and dependable
- Suitable for many types of telephone paging equipment, amplified speakers and horns, tone generators, and intercom systems
- Provides 48VDC at 100 milliamperes

BADGER PART NUMBER:

PRS40C



PRS40C

BCHM

Headset Microphone

- Ultra-light flexible plastic
- Miniature condenser microphone
- Positionable boom arm

BADGER PART NUMBER:
BCHM



BCHM

HDU150, HDU250

Handheld Stage Microphones

- Uni-directional • Dynamic • Cardioid pickup pattern

BADGER PART NUMBER:

HDU150 Handheld Stage Microphone

HDU250 Professional Handheld Stage Microphone



HDU250

HDO100

Handheld Public Address Microphone

- Omni-directional • Dynamic

BADGER PART NUMBER:
HDO100



HDO100

XLR25

Microphone Cable

- Male XLR to female XLR
- 2-conductor plus shield

BADGER PART NUMBER:
XLR25

MAC

Microphone Cable

- Female XLR to Bare Wire
- 25 feet long

43697D PART NUMBER:
MAC



WSGCU250

WSGCU250

Windscreen for GCU250

- Foam windscreen for use with GCU250 microphone

BADGER PART NUMBER:
WSGCU250

SF4, SB6

Floor Boom Stand

- Telescopic floor stand • Sliding 30" boom arm
- 34" to 62" adjustable height, 4.5 lbs.
- Chrome-plated tubing • Tripod base • Grip-action clutch

BADGER PART NUMBER:

SF4 Floor Stand, 8.5 lbs.

SB6 Floor Boom Stand, 4.5 lbs.



SB6

SCU250

Professional Boundary Microphone

- Uni-directional • Electret Condenser
- Cardioid pickup pattern

BADGER PART NUMBER:
SCU250



SCU250

DDU250

Dynamic Desktop Microphone

- Uni-directional • Dynamic
- Cardioid pickup pattern

BADGER PART NUMBER:
DDU250



DDU250

MC27

Handheld Clip

- For use with HDU250, HDU150, and HDO100
- Black, flexible, impact-resistant plastic

BADGER PART NUMBER:
MC27



MC27

GCU250

Condenser Gooseneck Microphone

- Uni-directional • Electret Condenser
- Cardioid pickup pattern

BADGER PART NUMBER:
GCU250



GCU250

GDU150

Dynamic Gooseneck Microphone

- Uni-directional • Dynamic
- Cardioid pickup pattern

BADGER PART NUMBER:
GDU150



GDU150

WCU250

Professional Overhead Hanging Microphone

- Uni-directional • Electret Condenser
- Cardioid pickup pattern

BADGER PART NUMBER:
WCU250



WCU250

DS3

Desk Stand

- 3" chrome-finish tube • 6" cast iron base, 2.5 lbs.

BADGER PART NUMBER:
DS3



DS3

MSM

Shock-Isolated Microphone Base

- Provides superior mechanical noise and vibration handling
- Lightweight ABS material housing • XLR (female) connector
- For boardrooms, conference rooms, pulpits, podiums, and newsrooms
- Thick shock-absorbing rubber cushion • 1-3/4" H x 4-1/2" dia., 6 oz.

BADGER PART NUMBER:
MSM

PI35A, SI35A**High-Powered Desktop Control Centers**

Dual-channel intercom and program distribution systems designed to serve applications with numerous locations requiring maximum intelligibility of voice announcements such as schools, businesses and institutions.

- Color-coded front panel controls • Time signal, night bell or telephone paging • Separate 35-watt program and 20-watt intercom channels
- Targeted communication: PI35A and SI35A allow background music to play, without interruption, in selected areas while one or more locations communicate directly with the main unit • Can distribute program material from a variety of sources, such as mic, tape player/tuner or other background music sources, tone signals and emergency announcements to all or select locations
- The SI35A serves up to 75 rooms or remote locations and provides custom flexibility in a space saving design • Executive styling
- Includes 25 room selector switches, with space available for 75, or for a Bogen CR-100A cassette/tuner and 50 room switches
- The PI35A provides communication for up to 25 remote locations • Sturdy desktop cabinet with simulated walnut finish • 25-volt balanced output
- Tone calling • Instant emergency/all-call paging to an external paging amplifier or amplified speaker for one-way or talkback paging

PI35A**Control Center**

- 35 Watts Program • 8 Watts Intercom • 25 Stations - Non-Expandable • 20 lbs.

BADGER PART NUMBER:**P135A****SI35A****Control Center**

- 35 Watts Program • 8 Watts Intercom • 25 Stations - Expandable to 75 Stations • 35 lbs.

BADGER PART NUMBER:**S135A****S135A****2520, 2522****Connector Kit (30 pcs.)****43697D PART NUMBER:**

- | | |
|-------------|----------------------|
| 2520 | 20 Ga. Connector Kit |
| 2522 | 22 Ga. Connector Kit |

CA10A, CA11A, CA17**Call-in Switch****BADGER PART NUMBER:**

- | | |
|--------------|--|
| CA10A | 2 Position with SCR Call-in Switch |
| CA11A | 3 Position with Privacy and SCR Call-in Switch |
| CA17 | Momentary Closure Call-in Switch |

WMT1A**Line Input - 600 Ohms with Matching Transformer****BADGER PART NUMBER:****WMT1A****WMT1A****SBA225****25-Key Station Selector Panel for SI35A****SCR25A****Call-in Module for SBA225**

Connector kits listed below must be ordered separately, if needed

- | | |
|---------------|---|
| SBA225 | 25-Key Station Selector Panel (connector not supplied) |
| SCR25A | Call-in Module for SBA225 (12VDC power supply required) |

**SBA225****TWK351****2-Wire Adapter Kit**

(Permits Light Call-in on 2-Conductor Shielded Cable)

43697D PART NUMBER:**TWK351****VHSK****VHSK****VHUB Security Kit**

- Specifically designed for the VHUB for added security • Case and lock

BADGER PART NUMBER:**VHSK****CONFERENCE PHONE**

GSRVC

Remote Master Volume Control

BADGER PART NUMBER:
GSRVC

GSTRC

Tamper Resistant Cover

BADGER PART NUMBER:
GSTRC

AFDS2

Automatic Failure Detector

BADGER PART NUMBER:
AFDS2

ASTB4

A-Series Speaker Terminal Boot

Designed to offer added protection against the effects of weather on wires and connections made to A-Series speaker model types A2, A6, and A8.

BADGER PART NUMBER:
ASTB4



ASTB4

RVCP

Remote Volume Control Panel for V-Series and WV-Series

BADGER PART NUMBER:
RVCP

TL100, TL600

Plug-ins

BADGER PART NUMBER:

TL100

1:1 Ratio Plug-in with Matching Transformer

TL600

Plug-in, 600 Ohms with Matching Transformer



TL100

T725

4 or 10 Watt Transformer

- Allows 8 Ohm Speaker to connect to 70V or 25V Amp outputs

BADGER PART NUMBER:

T725

4 Watt Transformer, Power Taps @ 4, 2, 1, 1/2, 1/4, 1/8

T72510

10 Watt Transformer, Power Taps @ 10, 5, 2-1/2, 1-1/4, 5/8



S86 + T725

PRODUCT ACCESSORIES-MOUNTING KITS

BBF, BBS

Back Box

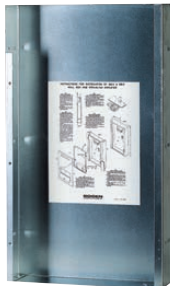
BADGER PART NUMBER:

BBF

Flush-Mount Back Box

BBS

Surface-Mount Back Box



BBF



BBS

FGSM, FGSMW

Swivel Mount for All FG Series Speakers

BADGER PART NUMBER:

FGSM

Black Swivel Mount

FGSMW

White Swivel Mount

RE84

Round Recessed Steel Speaker Enclosure

- For use with Bogen grilles and 8" ceiling speakers
- 12-1/4" diameter ring • 4" depth • 2 lbs.

BADGER PART NUMBER:

RE84

Every effort has been made to ensure the integrity of this catalog. Badger Communication cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.

CK10

10-Foot Cable Kit

- 10-foot long cable kit; use as main suspension drop cable or as back-up safety cable

BADGER PART NUMBER:

CK10B

Black 10-foot Cable Kit

CK10

Silver 10-foot Cable Kit

CK10W

White 10-foot Cable Kit



CK10

BC1

Beam Clamp for SPT and HS-EZ Horn Speakers

BADGER PART NUMBER:

BC1

GSRPK

Rack Panel Kit for All GS Models, 19"x2U

BADGER PART NUMBER:

GSRPK

MR8

Steel Mounting Ring

- Designed for applications not requiring TB8 support

BADGER PART NUMBER:

MR8

RK78

3-1/2" High Rack Panel Kit for CR100A (in SI35A)

BADGER PART NUMBER:

RK78

RMPWMK3

Remote Panel Mounting Kit for ProMatrix Front Panel

BADGER PART NUMBER:**RMPWMK3****Racks, Brackets, Rack Panel Kits****BADGER PART NUMBER:**

RPK50	3-1/2" High Brackets for C35, C60, and C100
RPK79	Rack Mounting Kit for ProMatrix Amplifier
RPK82	Rack Panel Kit for TPU35B/65B/100B
RPK84	Rack Panel Kit for TPU35B/65B/100B
RPK86	Rear Rack - Supports M300/450/600
RPK87	Rear Rack - Supports M300/450/600
RPK88	Rear Rack - Supports M300/450/600

RPKUT11

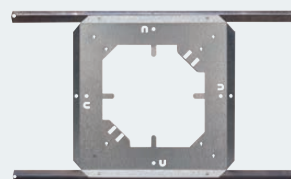
Rack Mount and Security Cover Kit

- Allows UT11 to be rack mounted
- Security cover blocks access to and exposure of front panel connections

BADGER PART NUMBER:**RPKUT11****TB8**

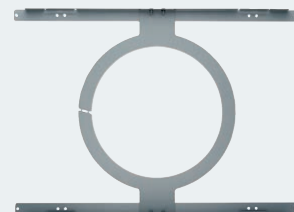
Tile Bridge

- Load-bearing T-bar support
- Mounts behind ceiling tile
- Designed to sustain weight of speaker/grille/enclosure combo in a suspended ceiling

BADGER PART NUMBER:**TB8****TB8****TBCR**

Tile Bridge Support Ring

- Provides additional support in suspended ceilings, or use as routing guide for new installations

BADGER PART NUMBER:**TBCR****TBCR****SMTB**

Tile Bridge for Easy Install Speakers

- Bundle of 5

BADGER PART NUMBER:**SMTB****SMTB****PRODUCT ACCESSORIES-INTERCOM****2518**

Connector Kit (30 pcs.)

- 18 Ga.

BADGER PART NUMBER:**2518****2520**

Connector Kit (30 pcs.)

- 20 Ga.

BADGER PART NUMBER:**2520****2522**

Connector Kit (30 pcs.)

- 22 Ga.

BADGER PART NUMBER:**2522****CA10A, CA11A, CA17**

Call-In Switches

CA10A	Call-in Switch, 2-position with SCR
CA11A	Call-in Switch, 3-position with privacy and SCR
CA17	Call-in Switch, Momentary Closure

SBA225

25-Key Station Selector Panel for SI35A

BADGER PART NUMBER:**SBA225****SBA225****SCR25A**

Call-in Module for SBA225

BADGER PART NUMBER:**SCR25A****TL156**

Insertion Tool

BADGER PART NUMBER:**TL156****TWK351**

2-Wire Adapter Kit (Permits Light Call-in on 2-Conductor Shielded Cable)

BADGER PART NUMBER:**TWK351**

CC4021

Features:

- 40 Watts of output power
- 2 Inputs on Model CC4021: 1 balanced MIC/Line; 1 unbalanced AUX
- 4 Inputs on Model CC4041: 3 balanced MIC/Line; 1 unbalanced AUX
- Individual phantom power for MIC inputs
- Volume controls for each input
- Input 1 can mute other inputs
- Audio-activated muting
- Defeatable muting



CC4021

CC4041

Features:

- Bass and treble controls
- Compatible with 70V, 25V, 4-ohm, and 8-ohm systems
- REC Output
- Peak indicator
- Signal indicator
- External 24V DC supply input
- Listed to UL Standard 60065 for US and Canada
- Optional rack mount adapter available for single and side-by-side configurations (sold separately)



CC4041

CC4052

Features:

- 40 Watts of output power
- 5 Inputs for connection to external equipment, plus a 6th Input for built-in Media Player on the CC4052m model
- Individual phantom power for MIC inputs
- MP3 Player accepts SD card and USB thumb drive; button controls for Playback, Volume, and EQ (model CC4052m only)
- MOH Output with 1W/8Ω and 600Ω transformer-balanced outputs (Model CC4052m only)
- Input 4 or Media Player selectable for MOH source
- 2 levels of priority: TEL is 1st priority, Input 1 is 2nd priority



CC4052

CC4052ms

Features:

- Audio-activated muting
- Defeatable muting (Input 1)
- Bass and treble controls
- Compatible with 70V, 25V, 4-ohm, and 8-ohm systems
- REC Output
- Peak indicator
- Signal indicator
- External 24V DC supply input
- Listed to UL Standard 60065 for US and Canada
- Optional rack mount adapter (RPK93) available for single and side-by-side configurations (sold separately)



CC4052ms

CC4062MBT

Features:

- 40 Watts of output power
- Individual phantom power for MIC inputs
- Input 4 or Media Player selectable for MOH source
- 2 levels of priority: TEL is 1st priority, Input 1 is 2nd priority
- Audio-activated muting
- Defeatable muting (Input 1)
- Bass and treble controls
- Compatible with 70V, 25V, 4-ohm, and 8-ohm systems
- External 24V DC supply input
- Listed to UL Standard 60065 for US and Canada



CC4062MBT

V-2000A

One-Zone Basic Page Control w/ Built-In Power

- Background Music Input with Voice-Operated Mute • Page Override for Priority Announcements
- Battery Back-Up Input (VPB-260), Built-In Power, UL-Listed
- Integrates with Page-Port, PBX Loop-Start Trunk Port, Electronic or 1A2 Line Key (line card required), or Dedicated Single-Line Phone Set
- Input Impedance: 600 ohm; Music Source Impedance: 4 to 600 ohm; Music Input Level: -10 dBm nominal; DC Output: -24 Vdc @ 600 mA; Power Requirements: 120 Vac/1 A

BADGER PART NUMBER:

POWER UNIT: +12

V-2000A



V-2000A

V-2001A

One-Zone Enhanced Page Control w/ Built-In Power

- Background Music Input with Voice-Operated Mute • Built-in Single and Warble Tone Generator
- Phantom Zone™ allows Paging to All Speakers but Limits Music to Selected Speakers
- Page Override for Priority Announce • Battery Back-Up Input (VPB-260), Built-In Power, UL-Listed
- Integrates with Page-Port, PBX Loop-Start Trunk Port, Electronic or 1A2 Line Key (line card required), or Dedicated Single-Line Phone Set
- Input Impedance: 600 ohm; Music Source Impedance: 4 to 600 ohm; Music Input Level: -10 dBm Nominal; DC Output: -24 Vdc @ 1 A; Power Requirements: 230 Vac/5 A

BADGER PART NUMBER:

POWER UNIT: +20

V-2001A



V-2001A

V-2003A

Three-Zone Enhanced Page Control w/ Built-In Power

- Accepts Pulse Dial/Tone Dial • Background Music Input • Automatically Mutes in Zone Being Paged
- Features are Programmable per Zone, Built-In Tone Generator for Night Ring, Time Clock Tone, Door Bell • Page Override for Priority Announcements
- Integrates with Page-Port on Selected Telephone Systems, PBX Loop-Start or Ground-Start Trunk Port, Electronic or 1A2 Line Key (line card required); or Dedicated Single Line Phone Set
- Input Impedance: 600 ohm; Music Source Impedance: 4 to 600 ohm; Music Input: -10 dBm nominal; DC Output: -24 Vdc @ 1.5 A • Power: 230 Vac/1 A or 120 Vac/2 A

BADGER PART NUMBER:

POWER UNIT: +20

V-2003A



V-2003A

V-2006A

Six-Zone Enhanced Page Control w/ Built-In Power

- Accepts Pulse Dial/Tone Dial • Background Music Input • Automatically Mutes in Zone Being Paged
- Features are Programmable per Zone, Built-in Tone Generator • 3 Programmable Zone Groups for Night Ring, Time Clock Tone, Door Bell • Page Override for Priority Announcements
- Integrates with Page-Port on Selected Telephone Systems, PBX Loop-Start or Ground-Start Trunk Port, Electronic or 1A2 Line Key (line card required); or Dedicated Single-Line Phone Set
- Input Impedance: 600 ohm; Music Source Impedance: 4 to 600 ohm; Music Input: -10 dBm nominal; DC Output: -24 Vdc @ 1.5A; • Power Req: 230 Vac/1A or 120 Vac/2A

BADGER PART NUMBER:

POWER UNIT: +30

V-2006A



V-2006A

V-2924A

Expandable Talkback Intercom System

- 24 Stations of Handsfree Intercom with One-Way Group Call and All-Call
- Up to 3 Expansion Units May be Connected to Provide 48, 72 or 96 Zones of Paging with Handsfree Reply, up to 16 One-Way Page Groups and All-Call
- Riot Mode • All Call/Group Call/Emergency Override All Call
- Background Music Input • Door Unlock Control • Tone Inputs
- SMDR Printer Ports • "Meet Me/Follow Me" • Caller ID • Class of Service/Zone
- Integrates with Page-Port, PABX Loop-Start Trunk Port, Electronic or 1A2 Line Key (line card required) or Dedicated Single Line Phone Set
- Input Impedance: 600 ohm; Music Source Impedance: 10 Kohms; Music Input Level: -10 dBm Nominal; Output Level: 45 ohm; Power Requirements: 120/240 Vac, 1.5 Amp, 50/60 Hz

BADGER PART NUMBER:

POWER UNIT: 0

V-2924A



V-2924A

PAGING CONTROLS V2924A ADD-ONS

V-2925A

Add-on Expansion Unit

- 24-Zone increment for the V-2924A Talkback Paging Intercom System
- Up to Three (3) V-2925A Expansion Units Can Be Added to a Main V-2924A System for a Max. Config of 96 Zones

BADGER PART NUMBER:

POWER UNIT: 0

V-2925A



V-2925A

V-2927

Clock Control Card for use with V-2928 Option Card

- Provides Clock Control for Synch Wire Correction, Two-Wire Digital Correction and Wireless Correction When Used with Additional Equipment

BADGER PART NUMBER:

POWER UNIT: 0

V-2927

V-2928

Option Board for V-2924A with Time-Event Scheduler

- The V-2928 Has All the Features of the V-2926 Plus Time-Event Scheduling Software
- Distribute Work/Class Change Tones through Paging Speaker Groups Using Internal Clock
- Generate Automated Voice-Paging Announcements with Optional Message Unit

BADGER PART NUMBER:

POWER UNIT: 0

V-2928



V-2928

V-2926

Option Card for V-2924A Talkback Intercom System

- Provides Enhancement Features for the V-2924A, Flexible Architectural Number Plan
- Easy Plug-In for Remote Laptop Programming • PC-Compatible Programming Port with Windows®-Based Programming Tool
- Enhanced Caller ID, Real-Time Internal Clock for Printer Output, Secondary Serial Port, User-Defined Page Groups
- Computer Requirements: Hardware: 80486 (or higher is recommended); Hard Drive with 20 Mbytes Free; Mouse, 8 Mbytes of RAM (more is recommended); Software: MS Windows® 95, MS Windows® 98 and MS Windows® NT

BADGER PART NUMBER:

POWER UNIT: 0

V-2926

V-2971

Call Switch with Volume Control

- Use with the V-2924A, Expandable Talkback Intercom System
- Call Button Provides Quick Connection to a Designated Station
- Fits a Single-Gang Electrical Box
- Black "Call" Button for Normal Call

BADGER PART NUMBER:

POWER UNIT: 0

V-2971



V-2971

V-CLK2924

Clock Connection Kit

Enhances the V-2924A by Adding Scheduling Capability for Class and Shift Change Tones and Master Clock Control for Synch Wire Clock The V-CLK2924 Includes a V-2928 Option Card, and a V-2927/V-CIO Clock Control Relay Interface

BADGER PART NUMBER:

POWER UNIT: 0

V-CLK2924

V-CIO

Clock Relay Card for use with V-2928 Option Card

- Provides Four 10 Amp Contact Relays for Driving Clocks
- Designed for Use with the V-2927

BADGER PART NUMBER:

POWER UNIT: 0

V-CIO

V-2970**Emergency/Normal Call Switch with Volume Control**

- Designed to Be Used with the V-2924A, Expandable Talkback Intercom System
- Call Button Provides Quick Connection to a Designated Station
- Emergency Button Generates Emergency Class of Service Call
- Fits a Single-Gang Electrical Box • Black "Call" Button for Normal Call • Red "Call" Button for Emergency Calls

BADGER PART NUMBER:

POWER UNIT: 0

V-2970

V-2970

V-9940**Expandable Station-Level Page Adapter**

- Full-Featured Paging from Centrex or Standard CO Line • Multiple Units Can Be Linked Together for Common All Call
- May be used with V-2003AHF or V-2006AHF for Talkback Multi-Zone Paging, UL-Listed
- Integrates with PBX Station Port, Centrex or a CO Line (FCC-registered)
- Input Impedance: 600 ohm; Music Source Impedance: 4 to 600 ohm Music Input Level: -10 to -18 dBm Nominal; Power Requirements: -24 Vdc/200 mA

BADGER PART NUMBER:

POWER UNIT: -4

V-9940

V-9940

V-9941A**One-Zone Talkback Page Control**

- Background Music Input • Optional Alert Tone and Repeated Alert Tone
- Transmit and Receive Volume Controls • Screw Terminal Connections
- Integrates with 600 ohm Two-Way Page-Port on Selected Telephone Systems, Electronic Key System CO Line Key, PBX Loop-Start Trunk Port, or Dedicated Single-Line Phone Set
- Input Impedance: 600 ohm; Music Source Impedance: 8 ohm Music Input Level: 1 to 3 W; Power Requirements: -24 Vdc, 300 mA

BADGER PART NUMBER:

POWER UNIT: -6

V-9941A

V-9941A

V-9970**Digital One-Zone, One-Way Page Control**

- Full-Featured Paging from a PBX Station, Centrex, or Standard CO Line
- Digital Signal Processing, Digital Voice Leveling, Enhanced Feedback Suppression, Extended Frequency Response
- May Be Used with V-2003A or V-2006A for Multi-Zone Paging, UL Listed
- Integrates with PBX Station Port, Centrex or a CO Line (FCC-registered)
- Input Impedance: 600 ohm; Music Source Impedance: 4 to 600 ohm Music Input Level: -10 to -18 dBm; Power Requirements: -24 Vdc/200 mA or -12 Vdc/400 mA

BADGER PART NUMBER:

POWER UNIT: -4

V-9970

V-9970

PAGING HORNS

High-Efficiency Horns

- Features Easy Omni-Lock™ I-Beam Clamp-Mounting System: Mount Base Before Construction is Done • Movable-360° Rotation (other horns only move up and down) • Shatter-Resistant Base Fits Standard Electrical Gang Boxes
- Built-in Amplifier and Volume Control • Weather-Resistant, Indoor/Outdoor • Stainless Steel Hardware

BADGER PART NUMBER:**V-1030C** 5-Watt, One-Way, Beige

POWER UNIT: -5

V-1030C-GY 5-Watt, One-Way, Gray**V-1030M** 5-Watt, One-Way, White**V-1036C** 15-Watt, One-Way, Beige**V-1036C-GY** 15-Watt, One-Way, Gray

POWER UNIT: -15

V-1036M 15-Watt, One-Way, White**V-1048M** Talkback, White**V-1048C** Talkback, Beige

POWER UNIT: 0

V-1048C-GY Talkback, Gray

V-1048C

V-1036C

View our searchable electronic catalog at: www.badgercommunications.com

PAGING HORNS



V-1038

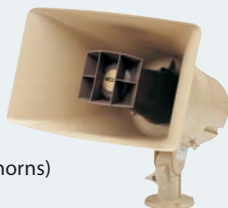
30-Watt Horn Beige

- High-Noise Environments • Stainless Steel Hardware
- Weather-Resistant • One-Way
- Self-Amplified • Built-in Volume Control
- Requires -48 Vdc, 1 A (or VP-2048C Power Supply for two horns)

BADGER PART NUMBER:

V-1038

POWER UNIT: 0



V-1038

V-1080

FlexHorn Rugged Speaker, One-Way

BADGER PART NUMBER:

V-1080-BG

One-Way, Beige

V-1080-GY

One-Way, Grey

V-1080-W

One-Way, White



V-1080

POWER UNIT: -3

V-1090

FlexHorn Rugged Speaker, Talkback

BADGER PART NUMBER:

V-1090-BG

Talkback, Beige

V-1090-GY

Talkback, Grey

V-1090-W

Talkback, White

POWER UNIT: 0



V-1090

VIP-130AL

IP Horn

- One-Way
- PoE
- Beige (BGE) Gray (GY) Marine (M)

BADGER PART NUMBER:

VIP-130AL

VIP-148AL

IP Horn

- Talkback
- PoE
- Beige (BGE) Gray (GY) Marine (M)

BADGER PART NUMBER:

VIP-148AL



VIP-130AL/ VIP-148AL

VIP-480AL

IP FlexHorn

- One-Way
- PoE
- Beige (BGE) Gray (GY) White (W)

BADGER PART NUMBER:

VIP-480AL

VIP-490AL

IP Horn

- Talkback
- PoE
- Beige (BGE) Gray (GY) Marine (M)

BADGER PART NUMBER:

VIP-490AL



VIP-480AL/ VIP-490AL

CEILING SPEAKERS

V-1010C

One-Way, Four-Inch Ceiling Speaker

POWER UNIT: -1

BADGER PART NUMBER:

V-1010C

4-inch, One-Way Ceiling Speaker
7.65" Dia. x 2.9" D (19.43 cm x 7.36 cm)

V-1020C

One-Way, Eight-Inch Ceiling Speaker

POWER UNIT: -1

BADGER PART NUMBER:

V-1020C

8-inch, One-Way Ceiling Speaker
13.0" Dia. x 3.0" D (33.0 cm x 7.6 cm)

V-1220

Dual-Input, Eight-Inch Ceiling Speaker

POWER UNIT: -1

BADGER PART NUMBER:

V-1220

8-inch, Dual-Input Ceiling Speaker
13.0" Dia. x 3.0" D (33.0 cm x 7.6 cm)

V-1060A, V-1060B

Talkback, Eight-Inch Ceiling Speaker

POWER UNIT: 0

BADGER PART NUMBER:

V-1060A

8-inch, Talkback Ceiling Speaker
13.0" Dia. x 2.5" D (33.0 cm x 6.35 cm)

V-1060B

8-inch, Talkback Ceiling Speaker w/LED
13.0" Dia. x 2.5" D (33.0 cm x 6.35 cm)



V-1010C



V-1020C

V-1920C

Square Grille, Amplified Ceiling Speaker Suitable for Voice Paging and Background Music

- 8" Speaker Amplifier • Built-In Volume Control
- Utilizes Standard CAT 3, 5 and 6 Cable
- Excellent Voice and Music Reproduction
- Built-In Accessible Volume Control
- Additional Pop-On, Pop-Off Knob Included
- Wide Sound Dispersion
- Electrically, Acoustically-Matched Components
- Sturdy Steel Grille
- Flush or Surface Mount on Ceiling or Wall



V-1920C

POWER UNIT: -1

BADGER PART NUMBER:

V-1920C

V-CTSQPK

Square Grille, Talkback Ceiling Speaker Suitable for Voice Paging and Background Music

- Excellent Voice and Music Reproduction • 8" Speaker
- Four Volume Levels • Screw Connection
- Wide Sound Dispersion • Sturdy Steel Grille

BADGER PART NUMBER:

V-CTSQPK

POWER UNIT: 0



V-CTSQPK

V-1420

High-Fidelity Signature Series™ 8-Inch Ceiling Speaker

- For Premium Music Applications • Exceptional Frequency Response for Voice and Music Reproduction
- Contains Its Own Built-in Amplifier • "Pop-On/Pop-Off" Volume Control Knob
- White Epoxy Finish • Available in Custom Colors
- Dimensions: 13.0" Dia. x 3.0" D Plus Knob Depth (33 cm x 7.6 cm)

BADGER PART NUMBER:

V-1420



V-1420

POWER UNIT: -4

V-1422

Signature Series, Hi-Fidelity 2' x 2' Lay-In Ceiling Speaker

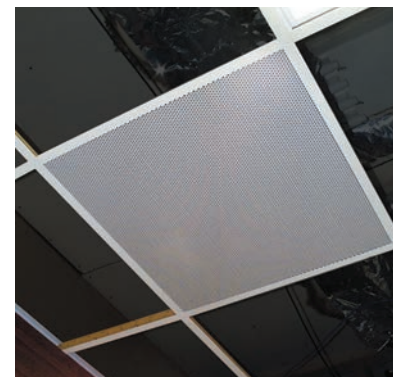
Ceiling Speaker that Lays in a 2' x 2' Ceiling Grid. The Speaker Includes an 8" Speaker and Amplifier with Volume Control and has Exceptional Frequency Response for Voice and Music Reproduction

- Utilizes Standard Telecom/Datacom Wiring CAT 3/5/6
- One-Way Amplified
- Attractive White Metal Grille
- Baked Enamel Finish
- Integral Plenum-Rated Backbox Meets or Exceeds ASTM E84 Flame and Smoke Test
- Replaces 2' x 2' Ceiling Tile
- Four Seismic Tabs for Additional Mounting Integrity
- Exceptional Frequency Response for Voice and Music Reception

BADGER PART NUMBER:

V-1422

POWER UNIT: -4



V-1422

Valcom's Lay-in Ceiling Speakers save time, effort and money and allow you to get on and off the job quickly; no cutting tiles, no broken tiles, no mess. Features excellent music and voice quality, inconspicuous front accessible volume control, integral backbox meets or exceeds ASTM E84 flame and smoke test with 3 hour burn rating (UL 181); durable white acrylic, baked enamel finish; built-in amplifier; affordable; approved for use in the city of Los Angeles (RR 7811); includes trim t-bar, UL-approved V-9022 and V-9021; approved by Chicago Fire Marshalls for use in the city of Chicago (CPN 11280).

V-9022A-2

2' x 2' One-Way with Backbox

- Packaged two per box

BADGER PART NUMBER:

V-9022A-2

POWER UNIT: -1

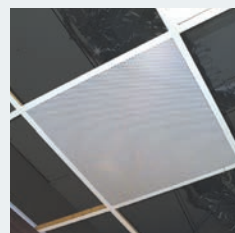
V-9028

2' x 2' Dual-Input, One-Way with Backbox

BADGER PART NUMBER:

V-9028

POWER UNIT: -1



V-9022A-2



V-9062

2' x 2' Talkback with Backbox

BADGER PART NUMBER:

V-9062

POWER UNIT: 0

V-936418

Eight-Inch 45 ohm Speaker with Two Resistors without Grille

- Excellent Voice and Music Reproduction
- 8" Speaker
- 4 Volume Levels
- Screw Connection
- Hardware Included

BADGER PART NUMBER:

V-936418

POWER UNIT: 0



V-936418

V-936400

Eight-Inch 25/70-Volt Speaker without Grille

- 8" Speaker and Transformer for Operation on 25/70-Volt Speaker Lines
- Suitable for Voice Paging and Background Music
- .312 to 5-Watt Tap Settings
- Excellent Voice and Music Reproduction
- Hardware Included

BADGER PART NUMBER:

V-936400

POWER UNIT: 0



V-936400

V-936480

Square Grille (No Hole in Center)

- Designed for Mounting 8" Speaker Assembly
- Metal Construction
- Attractive White Baked-Epoxy Finish (Paintable)
- Hardware Included
- Compatible with Square Backboxes

BADGER PART NUMBER:

V-936480



V-936480

VSA-1020C

Eight Inch Amplified Speaker without Grille

- 8" Speaker and Amplifier with Volume Control
- Suitable for Voice Paging and Background Music
- Utilizes Standard CAT 3, 5 or 6 Cable
- Hardware Included

BADGER PART NUMBER:

VSA-1020C



VSA-1020C

V-1001

One-Way Self-Amplified P-Tec™ Speaker

Patented Push-to-Lock, Surface Mount Speaker Installs in the Ceiling and Offers High Performance for Background Music and Voice Paging Systems in Open Offices Where Speaker Relocation is Made Easier.

- Self-Amplified
- Surface Mount
- Wide Dispersion of Sound
- Patented Push/Lock Mounting - No Holes to Cut
- Lightweight and Easy to Mount and Move
- External Volume Control

BADGER PART NUMBER:

V-1001

One-Way, Self-Amplified P-Tec Speaker

POWER UNIT: -1



V-1001

V-9422

Valcom's SPOT Sound-Masking™

- Reduces the Possibility of Conversations Being Overheard by Hallway Traffic
- Ideal for Clergy, Human Resources, Counselors, Financial Offices and Attorneys
- Built-in Electronics (Power Supply Included)
- Self-contained with Built-in Masking Source
- Easy Lay-in Installation-Replaces a Hallway 2' x 2' Tile in Front of an Office Door
- Inconspicuous
- Produces a Constant Level of "White Noise" (Hissing Sound)
- Includes T-Bar

BADGER PART NUMBER:

V-9422



V-9422

Pendant Speakers

- Ideal for: Retail, Restaurants, Offices, Hallways, Covered Patios
- High-Efficiency Speaker • Built-In Amplifier
- Metal, Weather-Resistant Enclosure
- Simply Hang from Included Six-Foot Chain

BADGER PART NUMBER:

V-1015B-BK	5-Watt, One-Way Pendant Speaker, Black
V-1015B-WW	5-Watt, One-Way Pendant Speaker, White
V-1015B-GY	5-Watt, One-Way Pendant Speaker, Grey
V-1015B-CC	5-Watt, One-Way Pendant Speaker, Custom Color
V-1093-BK	6' Extension Chain

POWER UNIT: -6

POWER UNIT: 0



V-1015B

PAGING SPEAKERS TRACK

Track Speakers

- Ideal for: Retail, Restaurants, Offices, Hallways, Covered Patios
- High-Efficiency Speaker • Metal, Weather-Resistant Enclosure
- Attach Track Bracket to a Wall or Exposed Beam
- Built-in Amplifier • Built-in Volume Control

BADGER PART NUMBER:

V-1013B-BK	1-Watt, One-Way Track Speaker, Black
V-1014B-BK	5-Watt, One-Way Track Speaker, Black
V-1014B-W	5-Watt, One-Way Track Speaker, White
V-1014B-GY	5-Watt, One-Way Track Speaker, Grey

POWER UNIT: -1

POWER UNIT: -6



V-1014B

PAGING SPEAKERS WALL

Woodgrain, Light Brown, Open-Weave Grille

BADGER PART NUMBER:

V-1022C	Wall, One-Way, Light Brown, Open-Weave Grille
V-1026C	Corridor, One-Way, Bi-directional, Light Brown, Open-Weave Grille
V-1064A	Corner, Talkback, Light Brown, Open-Weave Grille
V-1222	Dual-Input, One-way, Light Brown, Open-Weave Grille

Woodgrain, Dark Brown, Cloth Grille

BADGER PART NUMBER:

V-1023C	Wall, One-Way, Dark Brown, Cloth Grille
V-1027C	Corridor, One-Way, Bi-directional, Dark Brown, Cloth Grille
V-1063A	Wall, One-way, Talkback, Dark Brown Cloth Grille
V-1067A	Corridor, Talkback, Bi-directional, Dark Brown Cloth Grille



Woodgrain: Light Brown, Open-Weave Grille

Black or White

BADGER PART NUMBER:

V-1016-BK	Wall, One-Way, Black
V-1016-W	Wall, One-Way, White



Black or White

Grey Metal Wall Speakers, Black Cloth Grille, Paintable

BADGER PART NUMBER:

V-1052C	Wall, One-Way, Black Cloth Grille
V-1054	Corner, One-Way, Black Cloth Grille
V-1071	Wall, One-Way, Talkback, Black Cloth Grille
V-1055	Corner, Talkback, Black Cloth Grille



V-1052C, V-1054

POWER UNIT: -1 One-Way and Dual-Input

POWER UNIT: 0 Talkback

V-1450

Signature Series™ In-Wall Speaker, One-Way Self-Amplified with Volume Control

- High-Fidelity Audio Quality
- Simply Recess in a Wall and either Paint or Wallpaper Over for a "Hidden" Speaker
- White Metal Grille • Available Only in One-way
- Dimensions: 12.0" H x 8.75" W x 3.0" D (30.5 cm x 22.23 cm x 7.6 cm)

BADGER PART NUMBER: POWER UNIT: -4
V-1450



V-1450

V-1440

Signature Series™ Monitor, One-Way Wall Speaker

- High-Fidelity Audio Quality • Available Only in One-Way
- Easy Installation - Simply Hang on a Wall, Mount with an Optional Bracket or Set on a Shelf
- Optional Mounting Bracket (V-9804)
- Dimensions: 7.0" H x 10.3" W x 4.9" D (17.8 cm x 26.2 cm x 12.4 cm)
- Available in Black (BK), White (W), Brown (BR), Gray (GY), Custom Colors

BADGER PART NUMBER: POWER UNIT: -4
V-1440-xx¹

xx¹ = Color



V-1440

SlimLine Wall Speakers

- Ideal for Offices, Clinics, Retail, Dentist Waiting Rooms & Schools • Use the Two Screw Bosses
- Excellent Voice & Music Quality • Easy Installation - Simply Hang on a Single Screw
- Built-In Amplifier & Volume Control (One-Way Speaker Only)

BADGER PART NUMBER:

V-1042-BK One-Way Slimline Wall Speaker, Black
V-1042-WH One-Way Slimline Wall Speaker, White
V-1042-GY One-Way Slimline Wall Speaker, Gray
V-1046-BK Talkback Slimline Wall Speaker, Black



V-1042

PAGING SPECIALTY SPEAKERS

V-762

Talkback Desktop/Wall Speaker

- Self-Standing, Talkback Desktop/Wall Speaker Can Be Mounted on a Flat Surface as a Mini-Speaker
- Off-Hook Voice Announce with Handsfree Reply • Volume Control
- Talkback Speaker Power is Provided from the Controller Unit (0 power unit)
- Dimensions: 5.0" H x 4.0" W x 2.0" D (top) x 3.0" D (base) (12.7 cm x 10.2 cm x 5.1 cm x 7.6 cm)

BADGER PART NUMBER:

V-762-BK Talkback Speaker, Black
V-762-W Talkback Speaker, White
V-762-GY Talkback Speaker, Grey

POWER UNIT: 0



V-762

V-763

One-Way Wall/Desktop Speaker

- Self-Standing, Talkback Desktop/Wall Speaker can be Mounted on a Flat Surface as a Mini-Speaker
- Off-Hook Voice Announce with Handsfree Reply • Volume Control
- Dimensions: 5.0" H x 4.0" W x 2.0" D (top) x 3.0" D (base) (12.7 cm x 10.2 cm x 5.1 cm x 7.6 cm)

BADGER PART NUMBER:

V-763-BK Talkback Speaker, Black
V-763-W Talkback Speaker, White
V-763-GY Talkback Speaker, Grey

POWER UNIT: -1



V-763

V-764

Talkback with Call Button Desktop/Wall Speaker

- Self-Standing Talkback with Call Button, Desktop/Wall Speaker Can Be Mounted on a Flat Surface as a Mini-Speaker
- Off-Hook Voice Announce with Handsfree Reply
- Talkback Speaker Power is Provided, from the Controller Unit (0 power unit)
- Volume Control
- Dimensions: 5.0" H x 4.0" W x 2.0" D (top) x 3.0" D (base) (12.7 cm x 10.2 cm x 5.1 cm x 7.6 cm)

BADGER PART NUMBER:

- V-764-BK** Talkback Speaker, Black
V-764-W Talkback Speaker, White
V-764-GY Talkback Speaker, Grey

POWER UNIT: 0



V-764-W

V-1050C

Bi-Directional Horn Beige

- Paging in Two Directions
- Ideal for Long, Narrow Aisles
- One-Way • Weather-Resistant
- Indoor/Outdoor
- 5 Watts total
- Self-Amplified
- Built-in Volume Control
- Stainless Steel Hardware (Includes Mounting Bracket)

BADGER PART NUMBER:

V-1050C

POWER UNIT: -6



V-1050C

V-9010-W

Vandal-Resistant, One-Way, Surface-Mount Speaker

- Ideal for Concrete Ceilings and Harsh Areas: Correctional Institutions, Outside Entrances, Industrial Areas
- Smooth, Tapered Exterior
- Steel Security Screen/Housing w/Tamper-Resistant Screws
- Water-Resistant Speaker w/Built-in Amplifier
- Easy Surface Mounting or Mount to Standard 4" Box
- Shipping Weight: 5.5 lbs (2.47kg)
- Dimensions: 8.56" (21.74 cm) Dia. x 5.13" (13.0 cm)

BADGER PART NUMBER:

V-9010-W

POWER UNIT: -1



V-9010-W

V-1039A, V-1069A

Explosion-Proof Horn

- Safety-Assured for Explosive Atmospheres • Self-Amplified
- Built-in Volume Control • Solid Metal Housing
- UL-Listed For Use: Class I, Groups C and D Gas Atmospheres; Includes V-1092 Volume Control

BADGER PART NUMBER:

- V-1039A** Explosion-proof horn, One-way, 7 watt, grey
V-1069A Explosion-proof horn, Talkback, 7 watt, grey

POWER UNIT: -20 One-Way

POWER UNIT: 0 Talkback



V-1039A

PAGING SPEAKER ACCESSORIES

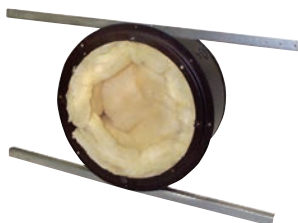
V-9816M

Bridge/Backbox

- Specifically Designed for V-1420
- Larger for Superior Audio Performance

BADGER PART NUMBER:

V-9816M



V-9816M

V-9915M-5

Backbox for 8-Inch Speaker

- (M) Denotes Metal-UL-Listed

BADGER PART NUMBER:

V-9815M-5



V-9915M-5

V-9904M-5, V-9914M-5

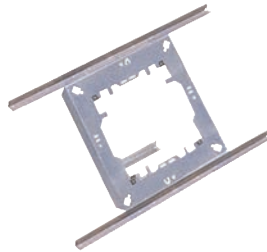
Speaker bridges

- (M) Denotes Metal-UL-Listed

BADGER PART NUMBER:

V-9904M-5 Bridge for 4-inch Speaker

V9914M-5 Bridge for 8-inch Speaker



V-9914M-5

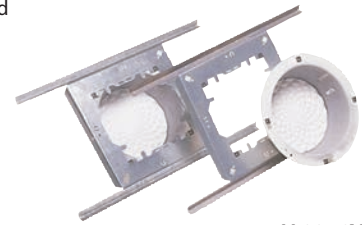
V-9916M

Combo for 8-Inch Speaker

- (M) Denotes Metal-UL-Listed

BADGER PART NUMBER:

V-9916M



V-9916M

V-1991

Square Surface Mount Metal Backbox

- Surface Mounting on Wall or Ceiling
- Designed for Housing 8" Speaker Assembly
- Metal Construction
- Compatible with Square 11.5" Baffles
- Paintable

BADGER PART NUMBER:

V-1991



V-1991

V-1992

Square Flush-Mount Metal Backbox

- Flush Mounting Inside Wall
- Designed for Housing 8" Speaker Assembly
- Metal Construction
- Compatible with Square 11.5" Baffles
- Acoustic Dampening Inside the Backbox
- Four Combination 1/2" - 3/4" Knockouts
- Paintable

BADGER PART NUMBER:

V-1992



V-1992

V-9804

Adjustable Bracket (optional)

BADGER PART NUMBER:

V-9804



V-9804

V-9805

Vandal-Resistant Enclosure (optional)

BADGER PART NUMBER:

V-9805

POWER UNIT: N/A



V-9805

V-9806

Vandal-Resistant Faceplate (optional)

- Available in Stainless Steel

BADGER PART NUMBER:

V-9806

POWER UNIT: N/A



V-9806

PAGING POWER SUPPLY

Valcom Power Supplies now with long life capability engineered for 20+ year life in normal paging service.

- Smaller Footprint
- Wall, Rack/Rail Mount (Mounting Bracket Included)
- 100-240 V
- Less Energy/Less Heat
- Barrel or Wire Connection
- 4-Amp Unit includes Low Energy Screw Terminal Connecting Block
- UL/C & CE

VP-324D

0.25-A Receptacle Mount, -24 Vdc Digital Power Supply

- Shipping Weight: 0.9 lbs. (.41 kg)
- Dimensions: 1.08" H x 1.73" W x 2.84" D (2.74 cm x 4.39 cm x 7.21 cm)

BADGER PART NUMBER:

VP-324D

POWER UNIT: +6



VP-324D

VP-624D

- 0.6 Amp/24V
- Barrel Plug & Barrel Plug to Wire Adapter
- Shipping Weight: 0.36 lb (0.16 kg)
- Dimensions: 1.40" H x 1.50" W x 3.60" L (3.56 cm x 3.81 cm x 9.14 cm)



VP-624D

BADGER PART NUMBER:

POWER UNIT: +12

VP-624D**VP-1124D**

- 1 Amp/24V
- Barrel Plug & Barrel Plug to Wire Adapter
- Shipping Weight: 0.38 lb (0.17 kg)
- Dimensions: 1.20" H x 1.80" W x 4.10" L (3.05 cm x 4.57 cm x 10.41 cm)



VP-1124D

BADGER PART NUMBER:

POWER UNIT: +20

VP-1124D**VP-4124D**

- 4 Amp/24V
- Barrel Plug, Low Energy Screw Terminal Connecting Block
- Shipping Weight: 1.14 lbs (0.51 kg)
- Dimensions: 1.50" H x 2.60" W x 6.80" L (3.81 cm x 6.60 cm x 17.27 cm)



VP-4124D

BADGER PART NUMBER:

POWER UNIT: +80

VP-4124D**VP-2148D**

- 2 Amp/48V
- Barrel Plug & Barrel Plug to Wire Adapter
- Shipping Weight: 1.14 lbs (0.51 kg)
- Dimensions: 1.50" H x 2.60" W x 6.80" L (3.81 cm x 6.60 cm x 17.27 cm)



VP-2148D

BADGER PART NUMBER:

POWER UNIT: N/A

VP-2148D**VP-6124-UPS****Battery Back-Up Charger for VP-6124**

- Give your VP-6124 the Advantage of UPS
- Cables Included for Connection to the VP-6124 and VBB-1424 (Battery Box)
- Wall Mount
- Charging Voltage 27.6, Volts Current: 900 mA
- Shipping Weight: 4.0 lbs. (1.82 kg)
- Dimensions: 10.3" H x 3.5" W x 2.25" D (26.16 cm x 8.89 cm x 5.72 cm)

BADGER PART NUMBER:

POWER UNIT: N/A

VP-6124-UPS

VPB-6124-UPS

VP-6124**6-A Wall Mount, -24 Vdc Switching Power Supply**

- DC Output: -24 Vdc, 6 A
- Power Requirements: 120 Vac/1.7 A; 165 W
- Shipping Weight: 7.1 lbs. (3.22 kg)
- Dimensions: 11.50" H x 6.13" W x 2.63" D (26.16 cm x 15.04 cm x 6.35 cm)*
- ALSO AVAILABLE IN 12 AMP



VP-6124

BADGER PART NUMBER:

POWER UNIT: +120

VP-6124

* Includes Hardware Cord

VP-2124D

- 2 Amp/24V
- Barrel Plug & Barrel Plug to Wire Adapter
- Shipping Weight: 0.75 lb (0.34 kg)
- Dimensions: 1.30" H x 2.0" W x 4.80" L (3.30 cm x 5.08 cm x 12.19 cm)



VP-2124D

BADGER PART NUMBER:

POWER UNIT: +40

VP-2124D**VP-412A****400 mA Unfiltered Receptacle Mount Special Purpose Power Supply**

- Used with a limited number of specific products
- For use with V-2952 FM Tuner and V-9970 Station Level Page
- UL, CSA Listed
- DC Output: -12 Vdc, 400 mA
- Power Requirements: 120 Vac, 1 A, 11 W
- Shipping Weight: 3.1 lbs. (1.41 kg)
- Dimensions: 2.6" H x 2.0" W x 2.3" D (6.6 cm x 5.08 cm x 5.84 cm)



VP-412A

BADGER PART NUMBER:

POWER UNIT: N/A

VP-412A**VBB-1424****Battery Box with Batteries**

- Complete your UPS System with Battery Support (For use with VP-6124/VP-6124-UPS)
- Provides 14 AH/-24 V Gel Cell Storage when used with the VP-6124-UPS Power System
- Wall Mount • 14 AH @ -24 Vdc
- Shipping Weight: 40 lbs. (18.2 kg)
- Dimensions: 5.52" H x 8.03" W x 10.82" D (14.02 cm x 20.4 cm x 27.48 cm)

BADGER PART NUMBER:

POWER UNIT: N/A

VBB-1424

VPB-260

Battery Back-Up Power Supply

- Continue Internal Communications During Power Failures! (Use with Valcom's V-2000 Series Page Controls)
- Contains Long-Life, Maintenance-Free Gel Cell Batteries • DC Output: 12 and 24 Vdc • Outputs, 3A
- Fuse-Protected AC Input, Current Limiting on Output
- Connects Directly to Battery Back-Up Molex Connector on Compatible Equipment 12 and 24 Volts DC
- Fused at 3 A • Battery Test Switch and Power-On LED; UL, CSA
- Power Requirements: 120 Vac, 60 Hz, 127 W; Shipping Weight: 20 lbs. (9.1kg); Dimensions: 9.25" H x 7.5" W x 5.25" D (23.5 cm x 19.05 cm x 13.34 cm)

BADGER PART NUMBER:

POWER UNIT: N/A

VPB-260



VPB-260

PAGING IP SOLUTION

VIP-801A

Networked Page Zone Extender

- Enables Voice Access to a Single Zone of One-Way Paging
- 1 Audio Output • 1 Audio Input
- 2 Programmable Form C Relay Closures
- No Server Required • AUX Audio input
- 1- to 11-Digit Dial Plans
- Easy Windows-Based Setup
- Contact Closure Available for:
 - Audio Indication - Door Unlocking

BADGER PART NUMBER:

VIP-801A

VIP-802A

Dual-Networked Page Zone Extender

- Enables Voice Access to Two Zones of One-Way Paging
- 2 Audio Outputs/Inputs
- 2 Programmable Form A Relay Closures
- 2 Programmable Contact Closure Inputs
- No Server Required • AUX Audio Input
- 1- to 11-Digit Dial Plans
- Easy Windows-Based Setup
- Contact Closure Available for:
 - Audio Indication - Door Unlocking

BADGER PART NUMBER:

VIP-802A

VIP-804A

Quad-Networked Page-Zone Extender

- Enables Voice Access to Four Zones of One-Way Paging
- 4 Audio Outputs/Inputs
- 4 Programmable Form A Relay Closures
- 4 Programmable Contact Closure Inputs
- RJ-45 for Network Connection
- Front Panel Activity LED
- Provides Audio for Up to 150 Valcom One-Way Amplified Speaker Assemblies
- AUX Audio Input Via RCA Jack
- Contact Closure or VOX Operation of Audio Input

BADGER PART NUMBER:

VIP-804A

VIP-811A

Enhanced Networked Station Port

- Enables One Telephone to Engage in Paging and Phone-to-Phone Communications
- 1 FXS Port
- 2 Programmable Form C Relay Closures
- Provides Caller ID Information
- No Server Required
- 1- to 11-Digit Dial Plans
- Easy Windows-Based Setup
- Contact Closures Available for:
 - Audio Indication - Ringing Indication
 - Door Unlocking

BADGER PART NUMBER:

VIP-811A

VIP-812A

Dual Enhanced Networked Station Port

- Enables 2 Telephones to Engage in Paging and Phone to Phone Communications
- 2 FXS Port • 1- to 11-Digit Dial Plans
- 4 Programmable Form C Relay Closures
- Provides Caller ID Information
- No Server Required
- Easy Windows-Based Setup
- Contact Closures Available for:
 - Audio Indication - Ringing Indication
 - Door Unlocking

BADGER PART NUMBER:

VIP-812A

VIP-814A

Quad Networked Station Port

- Allows Most Loop-Start Terminal Devices to Be Connected to a Managed IP-Based LAN/WAN
- 4 FXS Port • 1- to 11-Digit Dial Plans
- 4 Programmable Form C Relay Closures
- Provides Caller ID Information
- No Server Required
- Easy Windows-Based Setup
- Contact Closures Available for:
 - Audio Indication - Ringing Indication
 - Door Unlocking

BADGER PART NUMBER:

VIP-814A

VIP-821A

Enhanced Networked Trunk Port

- 1 RJ-11 FX0
- 1 RJ-11 Telephone Failover Connection
- 2 Relays with Form C Contacts

BADGER PART NUMBER:

VIP-821A

VIP-822A

Dual Enhanced Networked Trunk Port

- 2 RJ-11 FX0
- 2 RJ-11 Telephone Failover Connection
- Decode Caller ID Signals

BADGER PART NUMBER:

VIP-822A

VIP-824A

Quad Enhanced Networked Trunk Port

- 2 RJ-11 FX0
- 2 RJ-11 Telephone Failover Connection
- Decode Caller ID Signals

BADGER PART NUMBER:

VIP-824A

VIP-201A

SIP-based paging server -

1 analog output + 8 Zones of IP Paging

- Enables Voice Access To One Zone Of One-Way Paging
- SIP-Based Paging Server Designed For Use w/Virtually All IP-Based Phone Systems
- Live, Recorded or Scheduled Messages
- 65,000 Speakers, Expandable To 256 IP Paging Zones
- Easily Connect Loudspeaker System to Existing Computer Networks
- Supports IP and Analog Amplified Speakers

BADGER PART NUMBER:

VIP-201A

VIP-120A

IP 8" Ceiling Speaker

- One-Way, Secure
- PoE

BADGER PART NUMBER:

VIP-120A



VIP-120A /VIP-160A

VIP-160A

IP 8" Ceiling Speaker

- Talkback
- PoE

BADGER PART NUMBER:

VIP-160A

VIP-430A

IP Wall Speaker

- One-Way or Talkback
- PoE

BADGER PART NUMBER:

VIP-430A



VIP-430A

VIP-432A-DF

IP Wall Flush-Mount Speaker

- With Digital Clock - One-Way or Talkback
- Gray with Black Grille (Paintable Housing)
- PoE

BADGER PART NUMBER:

VIP-432A-DF



VIP-432A-DF

VIP-172AL-BRASS, VIP-172AL-ST

SIP Intercom/Doorplate Speaker

- Flush-Mount Brass Plate
- Call Button and LED
- Relay Contact for Door Unlock
- PoE

BADGER PART NUMBER:

VIP-172L-BRASS Brass SIP Intercom/Doorplate Speaker

VIP-172AL-ST Brushed Stainless Steel SIP Intercom/Doorplate Speaker

VIP-172AL-VRSS IP Intercom Vandal Resistant 16 AWG Steel w/ Call Button and LE

VIP-204A

SIP-based paging server -

4 analog outputs + 8 Zones of IP Paging

- Enables Voice Access To 4 Zones Of One-Way Paging
- SIP-Based Paging Server Designed For Use With Virtually All IP-Based Telephone Systems
- Multiple Simultaneous Pages • Live, Recorded or Scheduled Messages
- 65,000 Speakers, Expandable to 256 IP Paging Zones
- Easily Connect Loudspeaker System to Existing Computer Networks

BADGER PART NUMBER:

VIP-204A



VIP-204A

VIP-402A

IP 2'x2' Lay-In Ceiling Speaker

- One-Way, Secure
- With Integral Backbox/Bridge
- PoE

BADGER PART NUMBER:

VIP-402A



VIP-402A/VIP-422A

VIP-422A

IP 2'x2' Lay-In Ceiling Speaker

- Talkback
- With Integral Backbox/Bridge
- PoE

BADGER PART NUMBER:

VIP-422A

VIP-431A-DS

IP Wall Surface-Mount Speaker

- With Digital Clock - One-Way or Talkback
- Gray with Black Grille (Paintable Housing)
- PoE

BADGER PART NUMBER:

VIP-431A-DS



VIP-431A-DS

VIP-324D Power Supply

Local Power Option for VIP-800 Series

- 0.25 A
- Filtered
- UL, CSA

BADGER PART NUMBER:

VIP-324D



VIP-324D



VIP-172AL

VIP-848A

Networked Input and Relay Module Remote Control of Relay Outputs Across LAN/WAN

- Repeat Contact Closures
- 8 Contact Closure Inputs (An Input May Control a Single Relay or a Group of Relays)
- 8 Relay Outputs Supervision (A Relay May Be Set to "Follow" Another Relay)
- Power-Up Relay State (Active or Inactive)
- 3 Input Priority Levels

BADGER PART NUMBER:

VIP-848A



VIP-848A

PAGING IP SOLUTION CLOCKS

Analog Clocks

BADGER PART NUMBER:

VIP-A12A	IP PoE 12"
VIP-A16A	IP PoE 16"
VIP-A12ADS	IP PoE 12", Double-Sided
VIP-A16ADS	IP PoE 16", Double-Sided



Analog Clock

4 or 6 Digits Digital Clocks

BADGER PART NUMBER:

VIP-D425A	IP PoE 2.5"/4 Digit
VIP-D625A	IP PoE 2.5"/6 Digit
VIP-D440A	IP PoE 4.0"/4 Digit
VIP-D640A	IP PoE 4.0"/6 Digit
VIP-D425ADS	IP PoE 2.5"/4 Digit-Double-Sided
VIP-D625ADS	IP PoE 2.5"/6 Digit-Double-Sided
VIP-D440ADS	IP PoE 4.0"/4 Digit-Double-Sided
VIP-D640ADS	IP PoE 4.0"/6 Digit-Double-Sided



Digital Clock

PAGING SYSTEM ENHANCEMENTS

V-1092, V-2992-W

Speaker Volume Control

- Controls Volume of up to 150 One-Way Speakers

BADGER PART NUMBER:

V-1092	Speaker volume control, stainless steel hardware (includes mounting box)
V-2992-W	Speaker volume, white



V-1092



V-2992-W

V-1095

70 Volt Expander

- Easily Connects to the Amplifier Output or Anywhere on the 25/70/100-Volt or 8 ohm/4 ohm Line
- No Costly Amplifiers or Heavy Gauge Cable Required
- Endless Expansion using Valcom Amplified Speakers/Horns
- Input Impedance: 1.25K ohm, Two 20K ohm; Output Impedance: 8 ohm

BADGER PART NUMBER:

V-1095

POWER UNIT: 0



V-1095

V-1094A, V-2994-W

Page-Port Preamp/Expander

- Add for Virtually Endless Expansion (150 One-Way Speakers Per Unit)
- Master Volume Control for Entire System or Groups of Remote Speakers
- Pre-Amplified, Low-Level Audio to Remote Sites
- Isolates Page-Port from Speaker Lines
- Input Impedance: 600 ohm
- Output Impedance: 8 ohm
- Power Requirements: -24 Vdc, 45 mA

BADGER PART NUMBER:

V-1094A	Page-Port Preamp/Expander
V-2994-W	Page-Port Preamp/Expander, white



V-1094A, V-2994-W

POWER UNIT: -1

V-400

Desk-Paging Microphone

- Omni-Directional, Low Impedance Desk-Top Microphone
- Push-to-Talk Switch and Locking Bar
- Requires Valcom V-9939B Microphone Adapter
- Output Impedance: 600 ohm Lo-Z

BADGER PART NUMBER:

V-400

POWER UNIT: 0



V-400

V-420

Dynamic Noise-Cancelling Handheld Microphone

- Handheld with Press-to-Talk Lever
- Low Impedance
- Heavy-Duty Coil Cord Extends to 6'
- Requires Valcom V-9939B Microphone Adapter
- In/Out Impedance: Lo-Z

BADGER PART NUMBER:

V-420

POWER UNIT: 0



V-420

V-450

Gooseneck Microphone

- Omni-Directional, Low Impedance
- Push-to-Talk Switch
- 19" Gooseneck with Mounting Flange
- Requires Valcom V-9939B Microphone Adapter
- Output Impedance: 600 ohm Lo-Z
- In/Out Impedance: Lo-Z

BADGER PART NUMBER:

V-450

POWER UNIT: 0



V-450

V-9933A

Noise-Sensing Volume Control

- Self-Contained Device that Continuously Monitors the Area and Automatically Adjusts the Volume of the Paging Speakers
- Use One per Zone and/or One per Noise Area
- Input Impedance: 600 ohm
- Output Impedance: 8 ohm
- Power Requirements: -24 Vdc, 100 mA

BADGER PART NUMBER:

V-9933A

POWER UNIT: -2



V-9933A

V-9934

Remote Microphone for V-9933A

- Provides Remote Noise-Sensing
- Self-Contained Microphone and Pre-Amp
- Phantom Powered
- No Power Supply Required
- Screw Terminals Provided for All Connections
- Up to Four Units May Be Paralleled on One V-9933A
- Uses CAT3 Twisted-Pair Telephone Cable (one pair)

BADGER PART NUMBER:

V-9934

POWER UNIT: N/A



V-9934

V-9939B

Microphone Adapter

- Provides Microphone access to Valcom's One-Way Amplified Speakers
- Provides Contact Closure
- Input Impedance: 50 K ohm Unbalanced, 600 Ohm Balanced; Output: 600 ohm
- Power Requirements: -24 Vdc Filtered 40 mA

BADGER PART NUMBER:

V-9939B

POWER UNIT: -1



V-9939B

V-9989

Multi-Messenger USB Digital Message Repeater

Valcom's Multi-Messenger USB Is a Solid-State Digital Message Repeater that Stores Messages in MP3 Format on Industry Standard USB Flash Drives. The Messages Can be Assigned Continuous Play, Timed Play with a Built-in Timer Circuit or Triggered on the Eight Inputs the Unit Provides.

- 8 Inputs For Triggered Messages • Triggered And/Or Timed Playback
- Plays MP3 Files From USB Flash Drive
- Up To 4GB Flash Drives Supported
- No Drivers Or Special Software Needed
- Auxiliary 12 Vdc Output For Wiring Sensors
- Playback Quality Up To 128 Kbps
- Active Output Indication Trigger
- Built-in Monitor Speaker
- LED Status Indicator

BADGER PART NUMBER:

V-9989



V-9989

V-9988

MESSAGER USB Digital Messaging System

A State-of-the-Art Digital Audio Playback Device Designed to Provide a Continuous-Play Audio Source for Message-on-Hold, Background Music, or Any Other Audio Application where High-Quality Audio Playback is Required. Messages are Stored on Industry Standard USB Flash Drives from 16 MB up to 4 GB. The Messenger USB is Capable of MP3 File Playback from 8 Kbps All the Way Up to Full CD-Quality Audio Playback of 128 Kbps.

- Plays MP3 Files from USB Flash Drive • LED Status Indicator
- Up to 4 GB Flash Drives Supported
- No Drivers or Special Software Needed
- Playback Quality up to 128 Kbps
- Continuous Playback
- Built-in Monitor Speaker

BADGER PART NUMBER:

V-9988



V-9988

V-9923B

Signal Code Call Unit

- For Security/Priority - a Tone May Be Better than a Voice
- Use in Hospitals - when Voice Announcements are Not Wanted
- Use in Department Stores - Does Not Distract Customers
- Sends Tones through Paging Speakers or Activates Bells from a Contact Closure
- Up to 81 Two-Digit Codes or 729 Three-Digit Codes, "Meet Me" Answer through Analog PBX Station, Accepts Pulse Dial and Tone Dial
- Input Impedance: 600 ohm; Power Requirements: -24 Vdc, 300 mA Filtered Battery

BADGER PART NUMBER:

V-9923B

POWER UNIT: -6



V-9923B

V-9924C

CO Audible Ringer

- Ringing over Paging System
- 90-Vac Ring, 18-Vac or Dry Contact Closure Activation
- Integrates with Analog PBX Station Port
- Provides 3 Separate Zone Outputs and Volume Controls (for use with one-way or talkback page controls)
- Automatically Interrupts Page or Music During Ringing
- Power Requirements: -24 Vdc, 300 mA (90 Vac or 18 Vac to activate)



V-9924C

BADGER PART NUMBER:

V-9924C

POWER UNIT: -6

V-9927A

Multi-Tone Generator

- Ringing over Paging System
- Up to 8 Different Tones with a Single Unit:
 - Siren - Evacuation
 - Whoop - Tornado
 - Warble - Fire
 - Steady - Shift Changes
 - Burst - Alarm Signal
 - Telebell - Auxiliary Ring
 - Chime - Doorbutton/Code Call
 - Dual Chime - Doorbell Ring
- Input Impedance: 600 ohm;
- Output Impedance: 8 ohm;
- Power Requirements: -24 Vdc, 65 mA



V-9927A

BADGER PART NUMBER:

V-9927A

POWER UNIT: -2

V-9984-W

Remote Input Module

- XLR Mic. Connection with Release Button, Providing a Secure Connection
- Phantom Power (switch controlled) with "ON" Indicator Allows the Use of Professional Condenser Microphones
- Stereo Mini-Jack for Auxiliary Sources, Such as MP3 and CD and DVD Players, as Well as Computer Sound Cards
- Connects to Main Control Module with 2-Pair 24 AWG Station Cable
- Screw Terminals for Easy Connection to Distribution Cable



V-9984-W

BADGER PART NUMBER:

V-9984-W

V-9925A

Loud Warble Horn

- 90-Vac Ring or 18-Vac Buzzer Voltage Activation
- Integrates with PBX or Station Lines
- Built-in Tone Generator, 5-Watt Amplifier and Volume Control
- Power Requirements: -24 Vdc, 500 mA: Activate with 90 Vac, 18 Vac



V-9925A

BADGER PART NUMBER:

V-9925A

POWER UNIT: -10

V-9936A

Six-Line Audible Ring Unit

- Ringing over Paging System
- 90-Vac Ring or Dry-Contact Closure Activation
- Integrates with up to 6 CO Lines or PBX Station Lines
- Contact Closure to Activate Loud Bells, Accommodates 6 Lines Each - 4 Units Can Be Connected Together for up to 24 Lines
- Built-in Warble Tone Generator, Interrupter, Volume Control and Punchdown Block
- Output Impedance: 8 ohm; Power Requirements: -24 Vdc, 200 mA Power Supply



V-9936A

BADGER PART NUMBER:

V-9936A

POWER UNIT: -4

V-9983-W

In-Wall Main Control Module

- Contemporary Styling to Match Today's Offices, Conference Rooms and Restaurant Environments
- A Master Volume Control is Provided for Fine-Level Adjustments
- An 8-Segment LED Meter Provides Instant Visual Indication of Audio Signal Levels
- The Building Page Input Overrides All Other Sources (voice-operated, switch-enabled)
- Full-Frequency Range Output for Speakers and Modified Output for Horn Loads
- Built-In Compressor (option switch controlled) Evens Out Loud and Quiet Inputs



V-9983-W

BADGER PART NUMBER:

V-9983-W

V-9985-W

In-Wall Mixer

- Contemporary Styling to Match Today's Offices, Conference Rooms and Restaurant Environments
- A Master Volume Control is Provided for Final Level Adjustments
- An 8 Segment LED Meter Provides Instant Visual Indication of Audio Signal Levels
- The Building Page Input Overrides All Other Sources (voice-operated, switch-enabled)
- Full Frequency Range Output for Speakers and Modified Output for Horn Loads
- Built-in Compressor (option switch controlled) Evens Out Loud and Quiet Inputs
- Operates on 24 Vdc Requiring 1 Valcom Power Unit

BADGER PART NUMBER:

V-9985-W



V-9985-W

Wired Analog Clocks

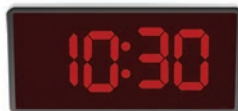
BADGER PART NUMBER:

V-A2416B	16" Round, Black, Surface-Mount, 24Vdc
V-A11016B	16" Round, Black, Surface-Mount, 110Vac
V-A2412B	12" Round, Black, Surface-Mount, 24Vdc
V-A11012B	12" Round, Black, Surface-Mount, 110Vac

Wireless Digital Clocks and Repeater

BADGER PART NUMBER:

V-DW2425B	2.5" 24 Vdc Digital
V-DW11025B	2.5" 110 Vac/24 Vdc Digital
V-DW11040B	4.0" 110 Vac/24 Vdc Digital



Wireless Analog Clocks and Repeater

BADGER PART NUMBER:

V-AW16BLP	16" Round Wireless Clock and Repeater, Black, Surface Mount, 110Vac, 24Vac/VDC
V-AW16B	16" Round, Black, Surface Mount, Battery Operated
V-AW12BLP	12" Round Wireless Clock and Repeater, Black, Surface Mount, 110Vac, 24Vac/VDC
V-AW12B	12" Round, Black, Surface-Mount, Battery-Operated



V-GPSA, V-GPS-TX

Receiver

- For Use with Wired/Wireless Clocks



V-GPSA

BADGER PART NUMBER:

V-GPSA	For Use With Wired Clocks
V-GPS-TX	For Use With Wireless Clocks

V-WMCRA

Wireless Master Clock Repeater

- For Use with Wireless Clocks

BADGER PART NUMBER:

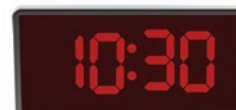
V-WMCRA



V-WMCRA

Wired Digital Clocks

V-D2425B	2.5" 24 Vdc Digital
V-D2440B	4.0" 24 Vdc Digital



Digital Clock

V-WMCA

Series Master Clock Transceiver

- For Use with Wireless Clocks

BADGER PART NUMBER:

V-WMCA



V-WMCA

PAGING CLOCKS ACCESSORIES

Mounting Brackets

BADGER PART NUMBER:

V-BDM12-S	Double-Mount Bracket for 12"
V-BDM16-S	Double-Mount Bracket for 16"

Clock/Speaker Baffles

BADGER PART NUMBER:

V-CSB12S	8" Speaker Surface-Mount Baffle
VB-S20	Surface-Mount Backbox for V-CSB25 Baffles
VB-R19	Recessed-Mount Backbox for V-CSB12S, V-CSB25

Optional Wired Accessories

BADGER PART NUMBER:

V-DCPI	Digital Clock Protocol Interface
V-DCH	2-Wire Headend Clock-Driver Pack (2 RU or Wall)

Mounting Brackets

BADGER PART NUMBER:

V-DMKIT	2.5"/4" Digital Clock Brackets
----------------	--------------------------------

Housing

BADGER PART NUMBER:

V-SMR12A	12" Surface Mount Ring
V-SMR16A	16" Surface Mount Ring
V-CSB12S	12" Analog/8" speaker

Surface Mount Rings and Mounting Brackets

BADGER PART NUMBER:

V-SMR12	Surface-Mount Ring for 12"
V-UMB	Universal-Mounting Bracket
V-SMR16	Surface-Mount Ring for 16"

Wire Guards

BADGER PART NUMBER:

V-WGACKL	Wire Guard for Analog Clocks
V-WGDA	4" Wire Guard for Use with 2.5" & 4.0" Digital Clocks

V-1072A-BRASS

Flush-Mount, Doorplate Speaker

- Weather-Resistant Talkback Speaker
- Includes Call Button ("CALL" in Braille)
- Mounts in Standard Double-Gang Electric Box
- Brass Faceplate



V-1072A-BRASS

BADGER PART NUMBER:

V-1072A-BRASS

POWER UNIT: 0

V-1073

Flush-Mount, Vandal-Resistant Doorplate Speaker

- Weather-Resistant/Vandal-Resistant Talkback Speaker
- One-way Screws
- Call Button Mounts in Standard Double Gang Electric Box
- 11 Gauge Steel, White Paintable Faceplate



V-1073

BADGER PART NUMBER:

V-1073

POWER UNIT: 0

V-1072A-ST

Flush-Mount, Doorplate Speaker

- Weather-Resistant Talkback Speaker
- Includes Call Button ("CALL" in Braille)
- Mounts in Standard Double Gang Electric Box
- Stainless Steel Faceplate



V-1072A-ST

BADGER PART NUMBER:

V-1072A-ST

POWER UNIT: 0

V-1074

Surface-Mount Doorplate Speaker

- Weather-Resistant Construction
- Talkback Speaker
- Surface-Mount Design
- Includes Call Button ("CALL" in Braille)
- Gray Plastic Housing



V-1074

BADGER PART NUMBER:

V-1074

POWER UNIT: 0

V-2900

Basic 1-Zone Door-Answering Device

- Ring Generator • Built-in Talkback Amplifier • Transmit and Receive Volume Control
- Provides Two-Way Communication (does not provide door unlock capability)
- Compatible with All Valcom Doorplate Speakers
- Power Supply Included (VP-324)
- Integrates with Electronic or 1A2 Line Key (line card required), PBX Loop-Start Trunk Port or Dedicated Single-Line Phone Set
- Input Impedance: 600 ohm; Output: 45 ohm

BADGER PART NUMBER:

V-2900

POWER INCLUDED



V-2900

V-2901A

One-Zone Enhanced Door-Answering Device with Door Unlock

- Door Unlock Contact Closure (strikeplate required) • Transmit and Receive Volume Controls
- Background Music Input with Volume Control
- Alarm Functions • Built-in Ring Generator with On/Off Switch • 3 Distinctive Ring Patterns
- Programmable Options Include: Door Unlock Codes, # of Ring Cycles Before Door Request is Terminated, Time the Door Remains Unlocked (per door)
- Integrates with Electronic or 1A2 Line Key (Line Card required), PBX Loop-Start Trunk Port or Dedicated Single-Line Phone Set
- Input Impedance: 600 ohm; Output: 45 ohm; Power Requirements: -24 Vdc, 600 mA

BADGER PART NUMBER:

V-2901A

POWER UNIT: -12



V-2901A

V-2904

Four-Zone Enhanced Door-Answering Device with Door Unlock

- Door Unlock Contact Closure (strikeplate required)
- Transmit and Receive Volume Controls • Background Music Input with Volume Control
- Alarm Functions • Built-in Ring Generator with On/Off Switch • 3 Distinctive Ring Patterns
- Programmable Options Include: Door Unlock Codes, # of Ring Cycles Before Door Request Is Terminated, Time the Door Remains Unlocked (per door)
- Integrates with Electronic or 1A2 Line Key (Line Card required), PBX Loop-Start Trunk Port or Dedicated Single-Line Phone Set
- Input Impedance: 600 ohm; Output: 45 ohm; Power Requirements: -24 Vdc, 600 mA

BADGER PART NUMBER:

V-2904

POWER UNIT: -12



V-2904

Every effort has been made to ensure the integrity of this catalog. Badger Communications cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.

Emergency communication is vital in areas such as parking garages, parking lots, common areas, walkways and pathways. Summons help with the simple push of a button for improved safety and security. Calls can be directed to the most appropriate point for optimum response time.

- SIP, IP and Analog Station Line Compatible
- Emergency Push Button Access
- Blue Strobes
- Vandal-Resistant
- Supervised
- Lock/Unlock
- Location Identification
- Doubles as Mass Notification Audio Point
- Retrofit Units Available for Most Existing Enclosures
- Stanchion/Pedestal/Wall Mount

VE-9894-#Buttons/Finish

IP Multi-Button Call Station- *Surface Mount*

VE-9894-FM-#Buttons/Finish

IP Multi-Button Call Station- *Flush Mount*

- 2 or 4 Call programmable Call Buttons- Emergency, General, Directions, Recorded Information

BADGER PART NUMBER:

VE9894-#Buttons/Finish



VE9811

PoE Emergency Call Tower TM No. 2,111,946

- Rugged, Low Power, Lightweight
- Messaging Broadcast Capability
- High Intensity LED Blue Light
- LED Lighted Call Button
- InformaCast version Available
- 108" High Standard
- Easy to Install
- Broadcast Output
- WiFi, 4G, LTE Options Available

BADGER PART NUMBER:

VE9811



VE9895EM

Vandal-Resistant IP Emergency Call Box- *Surface or Pole Mount*

- Red LED Status Indicator • Combination Blue Beacon/Strobe • Provides High Visibility Security for Hallways, Transit Centers, Building/Dorm Entrance and Parking Decks • Surface or Pole Mount

BADGER PART NUMBER:

VE-9895EM

TELEPHONE PAGING SERVER

VE6023

IP Telephone Page Server

- Broadcast Audio and Text to IP Phones
- Cisco • Avaya • Redundant High Availability Mode

BADGER PART NUMBER:

VE6023



Enhance Your Unified Communication Solutions with Valcom

Easily Interface with Valcom's SIP Solutions for Intercom, Paging and Mass Notification

VOICE & TEXT ALERTS

- SIP Telephone Speakers and Displays
- Enterprise Wide - No Distance or System Size Constraints
- Auto Weather Alerts
- Mass Notification
- AVAYA IP Office and AURA

SIP UNIVERSAL PAGING CONTROLLER

- Simultaneous Paging to Telephones and Overhead Speakers
- Built-In Night Bell and Feedback Eliminator
- Full IP Paging and Supports Legacy Paging
- Off Premise Speakers - Anywhere w/o Gateways

SIP PoE DOOR INTERCOMS

- With Door Unlock Control

SIP PoE EMERGENCY TELEPHONE

- Outdoor Parking and Garages, etc
- Blue Light and Flasher
- Enhanced PA Option
- Mass Notification
- Options: Wireless, Video and More

Designed, Built and Supported in USA



ONLINE STORE we've got you covered

www.badgercommunications.com

FREE STANDARD SHIPPING

*for all orders that qualify for standard ground shipping. some exclusions apply.

QUOTES

Easily view, create and modify quotes inside our online store. When you're ready you can convert to an order with the click of a button.

WHAT'S IN STOCK?

Our stock quantities are clearly displayed in real-time.

ORDER HISTORY

View the order history for your entire company from the ORDER HISTORY tab on our Online Store.

715-672-4200

The Badger Communications team is available Monday-Friday 8am-4:30pm.

Technical and Design Support

The Badger Support Team will help you understand which hardware and software your Avaya systems need to ensure your customer has the features they need.

Save time and headache on your next install by having the Badger team pre-program your next Avaya system.



TRAINING

Choose our introductory classes to refresh or take your first steps into the world of Avaya and IP Office.

You can even sell an IP Office and program it during training at Badger.

PA-2A

The PA-2A is a Multi-line Loud Ringer and Paging Amplifier

- Provides four loud ringing tones for night bell, warehouses, outside yards, etc.
- Powers up to (3) 8 Ohm speakers
- Connects to unused CO trunk (FXO) port or paging port
- Monitors up to 6 CO lines for ring or activated by dry contact closure
- Page Alert Tone
- 2 Watt output
- Includes: 25AE horn and power supply



PA-2A



SV-5W

DOD #485

BADGER PART NUMBER:

PA-2A

30AE 8-Ohm ceiling speaker assembly

35AE 8-Ohm ceiling speaker assembly with volume control

40AE 8 Ohm 15 Watt Ceiling Speaker

SV-5W Speaker volume control

25AE 12-Watt, 8-Ohm weather resistant paging horn

300AE High power weather resistant paging horn for 8 Ohm and 70 volt systems



30AE

PA-15

FXO/FXS/Paging Port 15 Watt Paging Amplifier

- 15 Watts of paging power • Drive up to (15) 8-ohm speakers
- Select: FXO (loop start), FXS (ring trip) or paging port (VOX relay) interface mode
- Independent volume controls for Paging, Ringing Tones and Background Music
- Provides "Night Bell" warble tone via contact closure or independent ringing analog circuit
- Night transfer switch input • CPC detection for immediate disconnect • Busy signal detect disconnect
- Adjustable silence time out disconnect • Programmable VOX trigger sensitivity and time out

BADGER PART NUMBER:

PA-15



PA-15

PA-30

30-Watt Telecom Paging Amplifier

- 30 Watts of paging power • Drive up to (30) 8 ohm speakers • Master volume control
- 70V output can drive up to (50) 70V speakers
- Page from an unused trunk (FXO) port or paging port
- Separate volume controls for Auxiliary Input/Paging/Ringing Tones/Background Music
- Choose from up to 4 ringing sounds • Provides loud ringing or night bell • Night transfer switch
- Can provide background music from an external source
- 600 Ohm output to drive additional amplifiers
- Use as a low cost, stand-alone power amplifier • Use multiple units for more paging power

DOD #489

BADGER PART NUMBER:

PA-30

30AE 8-Ohm ceiling speaker assembly

35AE 8-Ohm ceiling speaker assembly with volume control

40AE 8 Ohm 15 Watt Ceiling Speaker

SV-5W Speaker volume control

25AE 12-Watt, 8-Ohm weather resistant paging horn

300AE High power weather resistant paging horn for 8 Ohm and 70 volt systems



PA-30



35AE



25AE

PA-60

60 Watt Compact Two Zone Amplifier

- 60 Watts of total paging power • Two separate amplified zones of paging • Drive up to (60) 8 Ohm speakers
- Drive up to (100) 70V or 25V speakers • Separate input gain controls for each channel
- Voltage, current, thermal, and short circuit protected • Super high efficiency allows high power in a small package

BADGER PART NUMBER:

PA-60



PA-60

ZPI-4

The ZPI-4 is a 4 Zone Paging Interface with "All-Call"

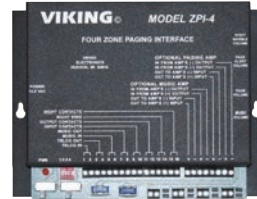
- Interfaces with CO lines, PABX extensions, paging ports, and unused trunk (FXO) ports
- Touch Tone control of four zones (expandable to 8 zones) • All screw terminals
- Includes: power supply • Disconnects on silence, CPC or time out
- Night warble page alert tone • All call, group call, single zone

DOD #499

BADGER PART NUMBER:

ZPI-4

- | | |
|-------|--|
| 30AE | 8-Ohm ceiling speaker assembly |
| 35AE | 8-Ohm ceiling speaker assembly with volume control |
| 40AE | 8 Ohm 15 Watt Ceiling Speaker |
| SV-5W | Speaker volume control |
| 25AE | 12-Watt, 8-Ohm weather resistant paging horn |
| 300AE | High power weather resistant paging horn for 8 Ohm and 70 volt systems |



ZPI-4



40AE



300AE

HF-3W

The HF-3W is a Two-way, Handsfree Talkback Amplifier System

- Provides handsfree talkback paging for use where quick answers are needed
- Background Music Input • Alert Tone • Integrates into existing paging system
- Weatherproof bi-directional paging horn/power supply • Improved Sound Quality
- Connects to unused trunk (FXO) port

DOD #470

BADGER PART NUMBER:

HF-3W

- | | |
|-------|--|
| 30AE | 8-Ohm ceiling speaker assembly |
| 35AE | 8-Ohm ceiling speaker assembly with volume control |
| 40AE | 8 Ohm 15 Watt Ceiling Speaker |
| SV-5W | Speaker volume control |
| 25AE | 12-Watt, 8-Ohm weather resistant paging horn |
| 300AE | High power weather resistant paging horn for 8 Ohm and 70 volt systems |



SV-5W



30AE

M2W

The M2W is a Loud Call Announce/Ringing Amplifier for Electronic Key Phones

- Broadcasts and amplifies telephone ringing tones over a horn or paging speaker
- Amplifies call announce messages and ringing tones when connected to speaker leads of an electronic phone
- Also useful for expanding the number of speakers connected to PA-2A or PA-15 • 25AE horn included

DOD #480

BADGER PART NUMBER:

M2W

- | | |
|-------|--|
| 30AE | 8-Ohm ceiling speaker assembly |
| 35AE | 8-Ohm ceiling speaker assembly with volume control |
| 40AE | 8 Ohm 15 Watt Ceiling Speaker |
| SV-5W | Speaker volume control |
| 25AE | 12-Watt, 8-Ohm weather resistant paging horn |
| 300AE | High power weather resistant paging horn for 8 Ohm and 70 volt systems |



M2W



35AE



25AE

AIB-1

Audio Isolation Board

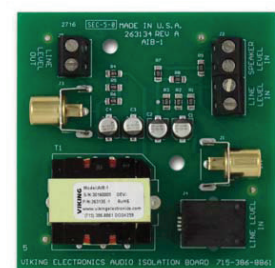
The AIB-1 is a 1:1 isolation transformer designed to provide audio coupling between audio circuits.

Applications:

- Elimination of ground loop hum
- Summing two different audio sources into one audio input
- Converting a speaker level signal down to a line level signal

BADGER PART NUMBER:

AIB-1



AIB-1

DVA-2WA

Promotion-on-Hold Announcer/Repeater

- Digital announcer/recorder with a built-in 2 watt amplifier
- Provides music and promotion-on-hold, played back in a continuous loop or alternate between promotions
- Auxiliary music source at 2 second to 30 minute intervals • Any number of multiple messages may be recorded
- Comes with four professionally pre-recorded promotion-on-hold pacifier messages
- May also be connected directly to loudspeakers with messages repeated in timed intervals or played at the push of a button for museum displays, information booths, point-of-interest locations, etc.
- Non-volatile memory eliminates the need for batteries or costly built-in tape decks



DVA-2WA

DOD #110

BADGER PART NUMBER:

DVA-2WA

CTG-1

Clock controlled tone generator over paging device

30AE

8-Ohm ceiling speaker assembly

35AE

8-Ohm ceiling speaker assembly with volume control

40AE

8 Ohm 15 Watt Ceiling Speaker

SV-5W

Speaker volume control

25AE

12-Watt, 8-Ohm weather resistant paging horn

300AE

High power weather resistant paging horn for 8 Ohm and 70 volt systems



25AE



30AE



40AE



SV-5W



35AE



300AE

FXI-1

FXO / FXS / Telecom Smart Paging Interface

- Select: FXO (loop start), FXS (ring trip) or paging port (VOX relay) interface mode
- No power supply required in FXS interface mode • Floating 600 ohm paging output with volume control
- Up to 6 units can be powered from one adapter in the FXO or VOX mode
- 26V DC talk battery for interfacing with FXO or unused phone system line input/trunk port
- Normally open or closed relay for external paging amp activation or interfacing the paging amp with an external background music source
- 800 Hz pre-page tone (on/off) • Compatible with 24 to 48 volt FXS operation
- Calling party control (CPC) detection for immediate disconnect • Busy signal detect disconnect
- 2.5 second VOX silence disconnect timer • Programmable VOX trigger sensitivity
- Disconnect timer: 16, 36, 60 seconds or disabled • Screw terminal block connections
- Wall mount housing: (2) #6x3/4 panhead screws included



FXI-1

DOD #494

BADGER PART NUMBER:

FXI-1

SA-25

Self Amplified Paging Control Unit with IR Remote

- Includes (1) SA-IR Infrared Remote Control • Easy to install • Drive up to 25 self amplified speakers
- Choose from up to 4 loud ringing sounds
- Separate volume controls for Auxiliary Input, Paging, Ringing Tones and Background Music
- Provides loud ringing or night bell • Night transfer switch input
- Page from a ringing C.O. line, Centrex line, paging port, unused phone system trunk input (FXO), or ringing analog station port (FXS)
- Can provide background music from an external source • 600 Ohm output to cascade to additional units
- Use multiple units to drive more self amplified speakers



SA-IR and SA-25

DOD #520

BADGER PART NUMBER:

SA-25

SA-IR

Infrared Remote for Self-Amplified Paging System

- Infrared remote control of paging speakers • Users set their own volume levels to suit the noise levels in the room
- Allows users to mute all background music and pages, individual pages, or just background music
- Audible feedback "beep" to set the proper volume

DOD #527

BADGER PART NUMBER:

SA-IR



SA-IR

SA-X12

Self Amplified Paging Expander/Adapter

- Powers up to 12 Viking self amplified speakers • Viking **SA Series** speakers are remote controllable
- Expand existing paging systems • Adapts to any paging system

DOD #529

BADGER PART NUMBER:

SA-X12



SA-X12

SA-1S

Infrared Remote Controllable Ceiling Speaker for SA-Series

- 8 inch paging speaker • Built-in 1.5 watt power amplifier • Digital volume control
- Infrared remote control detector • Users set their own volume levels to suit the noise levels in the area
- Allows users to totally mute the speaker • Audible feedback "beep" to set the proper volume

DOD #525

BADGER PART NUMBER:

SA-1S



SA-1S

SA-1H

Infrared Remote Controllable Paging Horn for SA-Series

- 5 inch paging horn • Built-in 1.5 watt power amplifier • Infrared remote control detector
- Digital volume control • Users set their own volume levels to suit the noise levels in the area
- Allows users to totally mute the speaker • Audible feedback "beep" to set the proper volume

DOD #526

BADGER PART NUMBER:

SA-1H



SA-1H

SA-TBA

Tile Bridge

- Fits standard 8 inch ceiling speakers • Bridges both 2 ft x 2 ft and 2 ft x 4 ft ceiling tiles
- Threaded mounting holes for easy installation • 24 gauge galvanized steel

DOD #532

BADGER PART NUMBER:

SA-TBA



SA-TBA

TIMED TONES OVER PAGE/SYNCHRONIZED CLOCKS

CTG-1

The CTG-1 is a Clock Controlled Tone Generator Over Paging Device

- Accurate 24 hour digital time clock displays hours and minutes • User Programmable
- Provides your paging systems with up to 128 timed alert tones per 24 hr. period
- Alert tones for each day of the week can be programmed to either on or off
- Different tones may be used to indicate start or end of shift, break, lunch, etc.
- Dry contact closures can activate alarm, fire, evacuate, etc. sounds over paging
- A door chime is also available for night ring or doorbell
- All programmed tone events are also stored in non-volatile memory

DOD #460

BADGER PART NUMBER:

CTG-1

DVA-2WA

Promotion-on-hold announcer/repeater



CTG-1

CTG-2A

Advanced Clock Controlled Tone / Message Generator and Master Clock

- Up to 14 Schedules and up to 1,000 Events • 6 minutes of CD quality WAV file record time • Up to 14 different tones or messages
- 4 programmable trigger inputs for emergency tones, etc. • Automatic Day Light Savings Time and leap year correction
- Programmable NTP Clock synchronization • Non-volatile memory with 4 hour clock back up
- RS485 clock SYNC terminals for remote Master Clock control of Viking CL Series RF synchronized clocks
- Page trigger outputs (12VDC and DPDT relay) • Factory loaded with school/factory tones and evacuation signals (ANSI S3.41), etc.
- Remote phone programming for on/off, schedule changes, time sync and resetting trigger inputs
- Remote program via TCP/IP network • Master volume control • Programmable Auxiliary relay contacts (DPDT)
- One mono line level pre-amp input and two audio outputs • Built-in 1 watt mono audio amplifier
- Programmable message repeat count for trigger inputs • Programmable volume control per tone/message
- Time base selection: Atomic clock, 50/60Hz or internal



CTG-2A

DOD #463

BADGER PART NUMBER:

CTG-2A

CL Series

Wireless Analog / Digital Clocks and Accessories

CL-RFT Clock RF Data Transmitter/Repeater

- Transmits the CTG-2A RS485 clock sync data wirelessly to the CL Series wireless clocks
- Can be configured as a wireless repeater to extend RF transmit range • Powerful transmission range: Up to 6500 ft in open space
- Compact, slim design makes it versatile for mounting • Can wirelessly receive and transmit data
- LEDs for indication of transmission and/or receipt of RS485 signal • Powerful 1 watt (30dBm) transmission
- Works with Viking's 915 - 928 MHz frequency-hopping technology • FCC Part 14 compliance (no license required)

DOD #466

BADGER PART NUMBER:

CL-RFT



CL-RFT

CL-D2 and CL-D4 Digital Clocks

- Built-in repeater receives and retransmits clock sync signal each minute up to 500 ft in open space
- 915 - 928 MHz frequency-hopping technology • Internal antenna • Built-in diagnostic mode for easy maintenance
- Receives the RF Sync signal once a minute • Immediate correction for time change • 12 or 24 hour format
- Two (2) levels of adjustable brightness • Loss of communication alert • Available in red 2.5" and 4" displays
- Surface and double mount housing sold separately • Optional wire guards

DOD #466

BADGER PART NUMBER:

CL-D2

CL-D4

CL-SMD2 2.5 inch Surface Mount Housing for CL-D2

CL-SMD4 4 inch Surface Mount Housing for CL-D4

CL-DM2 2.5 inch Double Mount Housing for CL-D2

CL-DM4 4 inch Double Mount Housing for CL-D4

CL-WGD4 4 inch Wire Guard for CL-D2 and CL-D4



CL-D4

CL-D2

CL-A12 and CL-A16 Analog Clocks

- Built-in repeater receives and retransmits clock sync signal up to 500 ft in open space • Internal antenna
- 915 - 928 MHz frequency-hopping technology • Built-in diagnostic mode for easy maintenance
- 5 yr battery life (standard mode) or 8 yr battery life (economy mode) • (2) "D" cell batteries not included
- Black ABS case and polycarbonate crystal • Optional double mount housing available

DOD #466

BADGER PART NUMBER:

CL-A12

CL-A16

CL-DMA12 12 inch Double Mount for CL-A12

CL-DMA16 16 inch Double Mount for CL-A16

CL-WGA12 12 inch Wire Guard for CL-A12

CL-WGA16 16 Inch Wire Guard for CL-A16



CL-A16

CL-A12

PAGING, SINGLE LINE

SLP-1

Single Line Paging Controller

- Whole house/small business paging from existing phones • Built-in 2 Watt paging amplifier with gain control
- Phone to phone intercom • Page from different phone lines by connecting multiple units
- Provides background music from external source • Selectable loud ringing (electronic warble over speakers)
- Background music mute • Door chime • Selectable on hold alert tones (off, 1, 2 or 5 min. intervals)
- Simple control commands • Pre-amp volume control • Stereo pre-amp input • Includes power supply

DOD #478

BADGER PART NUMBER:

SLP-1



SLP-1

SLP-4

Single Line Paging Controller with CD Quality Westminster Chimes

- Factory loaded CD quality Westminster door chimes • Selectable loud ringing (electronic warble over speakers)
- USB port for loading wave file chime tones/sounds/music
- Stereo line level pre-amp inputs/outputs for whole house audio systems
- Built-in two-watt mono paging amplifier with gain control • Phone to phone intercom
- Place callers on music-on-hold when paging • Can provide background music from an external source
- Background music mute (automatic during paging or touch tone selectable while you are on a call)
- Four doorbell switch inputs (lighted or non-lighted) for activating door chimes

DOD #479

BADGER PART NUMBER:

SLP-4



SLP-4

MASS NOTIFICATION ANNOUNCER

DNA-510

Digital Mass Notification Announcer

- Provides 10 different digital alert tones and 5 emergency messages • Tones and messages repeat up to 99 times
- Securely activate or page from a remote phone • Automatically interrupts current page or background music

DOD #492

BADGER PART NUMBER:

DNA-510



DNA-510

PROBLEM SOLVER GADGETS

FBI-1A

The FBI-1A Digital Feedback Eliminator Eliminates Paging Feedback "Squeal"

- Your paging amplifier can be turned up to any level, and phones located anywhere
- It maximizes efficiency by adjusting to the actual page length (32 seconds of record time)
- "Live" input from paging port is digitally recorded, then activates the paging amp
- VOX contact activates paging amplifier • Allows phones to be located under horns
- Compatible with virtually any paging or telephone system • Record/Playback LED

DOD #465

BADGER PART NUMBER:

FBI-1A



FBI-1A

PI-1A

Telecom Paging Interface

- Floating 600 ohm output • Paging port interface • Ringing analog line input for night bell • Adjustable ring volume
- Selectable 22V DC talk battery for interfacing with unused phone system line input/trunk ports
- Contact closure input for night bell • Adjustable VOX contact time-out • Adjustable VOX trigger sensitivity
- DPDT normally open and normally closed VOX activated contacts for cutting out background music • Adjustable ring pitch

DOD #491

BADGER PART NUMBER:

PI-1A



PI-1A

K-600F

The K-600F is a Night Bell Over Paging Adapter

- Powered by ring signal – no external power supply required • Provides tone over existing paging amplifiers
- Terminals for automatic switching between paging audio and warble tone • Auxiliary relay contacts provided
- Connects to ringing analog PABX/KSU stations with RJ11 or terminals • Floating 600 ohm audio output • LED indication of unit activation
- Night bell over paging, Loud ringing over paging, Contact closure on ringing, Visual indication of ringing

DOD #476

BADGER PART NUMBER:

K-600F



K-600F

MTG-10

MTG-10 Multi-Tone Generator

- Provides 15 Different Tones such as Siren, Warble, Chimes, etc. • Connects to paging amp - 600 Ohm input
- Background music fades during tones • Evacuation whoop overrides other tones
- Power supply included • Provides conversation recording tones

DOD #482

BADGER PART NUMBER:

MTG-10



MTG-10

SR-1

Single Line Loud Ringer and Door Chime

- Generates loud ringing from an analog ringing line or from a dry contact closure • 4 different ringing sounds
- Volume control knob and test button • Unique sounding ring allows employees to recognize their phone ringing
- A second set of contact inputs triggers a door chime to notify that a door has opened or can be used as a doorbell or push-for-assistance button • Easy to install and comes complete with power supply and connections for optional external speaker

DOD #477

BADGER PART NUMBER:

SR-1



SR-1

SR-IP

SIP Loud Ringer/Visual Ring Indicator

DOD# 577

- Programming software included • 2 Amp relay contacts for Viking LPL-1 or SL-2 strobe light control
- Bright red visual ring indicator LED • SIP compliant
- PoE powered (class 2, <6.5 watts) • Network downloadable firmware
- Automatic Gain Control (AGC) to automatically increase ring volume to compensate for ambient noise
- Surface mounts to a single gang or 4" x 4" electrical box or directly to a wall or post
- Remotely programmable • Extended temperature range (-40°F to 140°F) • Remotely adjust ringer volume
- Four programmable ring cadences: normal (2 sec ON / 4 sec OFF), double, short-short-long, short-long-short
- Optional LPL-1 Remote Visual Ring Indicator (DOD# 640) • Optional SL-2 or BLK-4-EWP strobe light kit available

BADGER PART NUMBER:

SR-IP



SR-IP

SPEAKER, CEILING

30AE

8 Ohm Ceiling Speaker Assembly

- Includes white grille, mounting hardware and 8" speaker
- For use with PA-2A, M2W, HF-3W, DVA-2WA, PA-15, PA-30, and PA-60

DOD #498

BADGER PART NUMBER:

30AE

35AE

8-Ohm ceiling speaker assembly with volume control

SV-5W

Speaker volume control



30AE

SPEAKER, HORN

25AE

The 25AE is a Weatherproof 12 Watt, 8 Ohm Paging Horn

- For use with: PA-2A, M2W, HF-3W, DVA-2WA, PA-15, PA-30, and PA-60

DOD #498

BADGER PART NUMBER:

25AE

SV5W

Speaker volume control



25AE

REMOTE ACCESS DEVICES

RAD-AMP

The RAD-AMP is an Amplified Remote Access Device

- Very accurate supervised disconnect on CPC, return of dial tone or busy signal • Integrates with SO-24A
- Applications: Amplified for DISA, "Call Diverter" use • Dial "#2" to get new dial tone for new call
- Provides 2 levels of security before allowing access to DISA or line extenders • Dialing "#1" provides hook flash
- Telecommuting mode supports PABX/KSU features (transfers, voice mail, paging, etc.) to remote employees

DOD #415

BADGER PART NUMBER:

RAD-AMP



RAD-AMP

RAD-1A

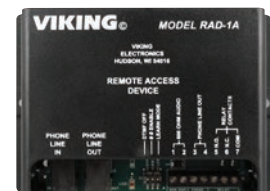
The RAD-1A is a Phone Line Powered Remote Access Device

- Designed to allow you to call from any Touch Tone phone and then remotely access paging systems, service observers, digital recorders, etc. • 3 sec - 59 min call timer • For advertisement, radio program, etc.
- Unit connects to any loop or ground start CO, Centrex, or PABX line • 600 Ohm output
- Answers on first ring and disconnects on CPC, Call time out/Silence time out, busy, or by dialing "#7"

DOD #410

BADGER PART NUMBER:

RAD-1A



RAD-1A

ALARM DIALER ANNOUNCER

K-2000-DVA

The K-2000-DVA is a Multi-Input Voice Alarm Dialer and Announcer

- The K-2000-DVA will dial up to 8 numbers for each of its 8 triggered contact inputs and play a corresponding user-recorded announcement describing the alarm condition • Stores up to (8) 32-digit phone numbers per input trigger (64 total)
- Unit may also be used as a store caster (no dialing) for on-site promotions in stores • One minute of record time per input

DOD #303

BADGER PART NUMBER:

K-2000-DVA



K-2000-DVA

K-202-DVA

Two-Input Voice Alarm Dialer

- Non-volatile memory (no batteries required) • 2 minutes of record time (1 minute per input)
- Stores up to seven 32-digit phone numbers (fourteen 32-digit numbers total) • Call progress detection
- Two inputs programmable normally open or normally closed and enabled or disabled
- Programmable ring delay for remote programming and alarm polling • Remote security and access codes
- Local or remote programming and recording

DOD #305

BADGER PART NUMBER:

K-202-DVA



K-202-DVA



ONLINE STORE we've got you covered

www.badgercommunications.com

FREE STANDARD SHIPPING

*for all orders that qualify for standard ground shipping, some exclusions apply.

QUOTES

Easily view, create and modify quotes inside our online store. When you're ready you can convert to an order with the click of a button.

WHAT'S IN STOCK?

Our stock quantities are clearly displayed in real-time.

ORDER HISTORY

View the order history for your entire company from the ORDER HISTORY tab on our Online Store.

715-672-4200

The Badger Communications team is available Monday-Friday 8am-4:30pm.



Technical and Design Support

The Badger Support Team will help you understand which hardware and software your Avaya systems need to ensure your customer has the features they need.

Save time and headache on your next install by having the Badger team pre-program your next Avaya system.



TRAINING

Choose our introductory classes to refresh or take your first steps into the world of Avaya and IP Office.

You can even sell an IP Office and program it during training at Badger.