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Bogen C100

Bogen C100 Classic 100-Watt Amplifier User Manual

Model: C100

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Bogen C100 Classic 100-Watt Amplifier. Please read this manual thoroughly before operating the unit to ensure proper usage and to maximize its performance and longevity.



Image 1.1: Front view of the Bogen C100 Classic 100-Watt Amplifier, showing input controls, tone controls, power switch, and Bogen branding.

2. IMPORTANT SAFETY INFORMATION

Observe all warnings on the product and in the operating instructions. Retain these instructions for future reference.

- **Power Source:** Connect the unit only to a 120 Volt AC, 60 Hz power source.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings. Overheating can cause malfunction.
- **Moisture:** Do not expose the unit to rain or moisture.
- **Servicing:** Refer all servicing to qualified service personnel. Do not attempt to service this product yourself.
- **California Proposition 65 Warning:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. SETUP AND INSTALLATION

3.1 Unpacking

Carefully remove the amplifier from its packaging. Inspect the unit for any signs of damage that may have occurred during transit. Report any damage to your dealer immediately.

3.2 Placement

Place the amplifier on a stable, flat surface. Ensure there is sufficient space around the unit for proper airflow to prevent overheating. The unit is designed for surface mounting.

3.3 Connections

Before making any connections, ensure the amplifier is powered off and unplugged from the electrical outlet.

1. **Input Sources:** Connect your audio sources (e.g., mixing board, microphone) to the appropriate input jacks on the rear panel. Refer to the rear panel diagram (not provided in current data, but implied for a manual) for specific input types and locations.
2. **Speaker Outputs:** Connect your speakers to the amplifier's output terminals. Ensure correct polarity (+ to + and - to -) for all speaker connections. This amplifier is suitable for 70V transformer-isolated balanced speakers.
3. **Power Connection:** Once all audio connections are secure, plug the amplifier's power cord into a grounded 120V AC, 60Hz electrical outlet.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Locate the red power switch on the front panel. Press the switch to the 'ON' position to power on the amplifier. The switch will illuminate when the unit is powered on. Press it again to power off.

4.2 Adjusting Input Levels

The front panel features individual input level controls. Rotate these knobs clockwise to increase the volume for the corresponding input, and counter-clockwise to decrease it. Adjust these controls to achieve a balanced sound level from all connected sources.

4.3 Tone Controls

The amplifier includes BASS and TREBLE tone controls. Adjust these to fine-tune the audio output to your preference or room acoustics.

- **BASS:** Controls the low-frequency response. Turn clockwise for more bass, counter-clockwise for less.
- **TREBLE:** Controls the high-frequency response. Turn clockwise for more treble, counter-clockwise for less.

4.4 Master Volume

The master volume control adjusts the overall output level of the amplifier. Start with the master volume at a low setting and gradually increase it to the desired listening level. Avoid setting the volume too high, which can cause distortion or damage to speakers.

5. MAINTENANCE

5.1 Cleaning

To clean the amplifier, first unplug it from the power outlet. Use a soft, dry cloth to wipe down the exterior surfaces. Do not use liquid cleaners or aerosol sprays, as these can damage the finish or internal components.

5.2 Ventilation

Regularly check that the ventilation slots on the top and sides of the unit are free from dust and obstructions. Blocked vents can lead to overheating and reduced performance.

5.3 Storage

If storing the amplifier for an extended period, ensure it is powered off, unplugged, and stored in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you experience issues with your Bogen C100 amplifier, consult the following table before contacting technical support.

Problem	Possible Cause	Solution
No power	Power cord unplugged; Power outlet not active; Blown fuse	Ensure power cord is securely plugged in; Test outlet with another device; Check and replace fuse if necessary (refer to service manual or qualified technician).
No sound output	Input source not connected; Speaker wires loose or incorrect polarity; Input/Master volume too low; Mute function active (if applicable)	Verify input source connections; Check all speaker wire connections and polarity; Increase input and master volume levels; Ensure no mute function is engaged.
Distorted sound	Input level too high; Master volume too high; Incorrect speaker impedance; Damaged speaker	Reduce input level or master volume; Ensure speakers match amplifier impedance requirements; Test with different speakers if possible.
Unit overheats and shuts down	Blocked ventilation; Excessive load on amplifier	Ensure ventilation slots are clear; Reduce output volume or number of connected speakers. If problem persists, contact service.

7. SPECIFICATIONS

- Model:** C100
- Output Power:** 100 Watts
- Voltage:** 120 Volts
- Wattage:** 220 watts (Power Consumption)
- Item Weight:** 19 pounds
- Product Dimensions (L x W x H):** 14.5 x 11 x 3.75 inches
- Mounting Type:** Surface Mount
- Manufacturer:** Bogen
- UPC:** 765368330090
- Safety Standard:** CSA Listed

8. WARRANTY AND SUPPORT

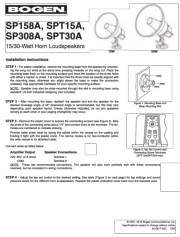
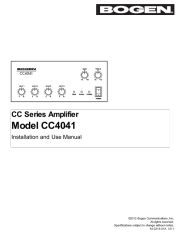
For warranty information or technical support, please refer to the documentation included with your purchase or visit the official Bogen website. The buybox winner mentions a "1 year vendor warranty against defect."

For additional assistance, you may contact Bogen customer service directly. Contact details are typically available on the manufacturer's website.



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Related Documents - C100

	Bogen SP158A, SPT15A, SP308A, SPT30A Horn Loudspeakers Installation and Specifications Installation instructions, technical specifications, and limited warranty information for Bogen SP158A, SPT15A, SP308A, and SPT30A horn loudspeakers.
	Bogen CC4041 CC Series Amplifier Installation and Use Manual Installation and use manual for the Bogen CC4041 CC Series Amplifier, detailing its features, connections, operation, safety instructions, and technical specifications.
	Bogen BPA60 Power Amplifier Installation & Use Manual Comprehensive installation and usage guide for the Bogen BPA60 60-watt mono-channel power amplifier, detailing technical specifications, safety precautions, connection diagrams, operation instructions, and warranty information.
	Bogen Platinum Series PS120-G2, PS240-G2 Public Address Amplifier Installation and Use Guide Comprehensive installation and use guide for the Bogen Platinum Series Public Address Amplifiers, models PS120-G2 and PS240-G2. Covers features, operation, safety, troubleshooting, and technical specifications for professional audio installations.
	Bogen MCP35A Master Control Panel: Installation and Use Manual This manual provides detailed installation, operation, and technical specifications for the Bogen MCP35A Master Control Panel, a versatile system for two-way communication and program distribution in various environments.

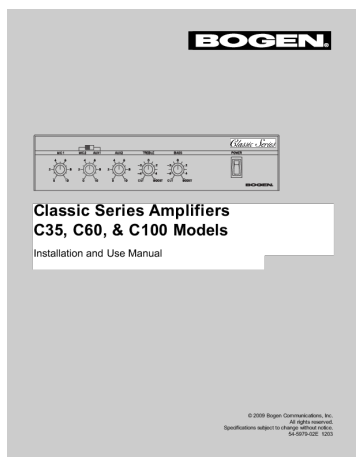


Gold Seal Series Amplifier
GS500D, GS250D, GS150D, GS100D,
GS60D, & GS35D Models
Installation and Use Manual

[Bogen Gold Seal Series Amplifiers Installation and Use Manual](#)

Comprehensive guide for Bogen Gold Seal Series amplifiers (GS500D, GS250D, GS150D, GS100D, GS60D, GS35D), covering installation, operation, features, troubleshooting, and technical specifications.

Documents - Bogen – C100

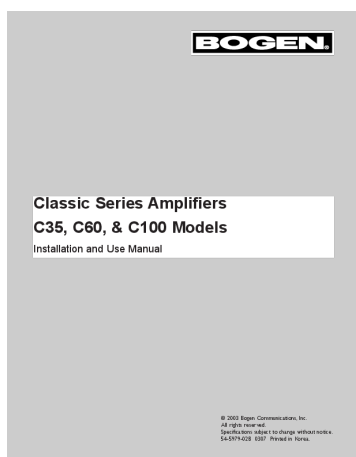


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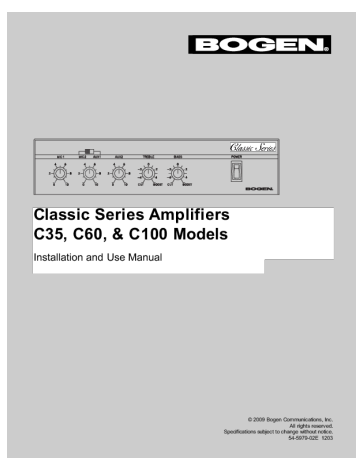


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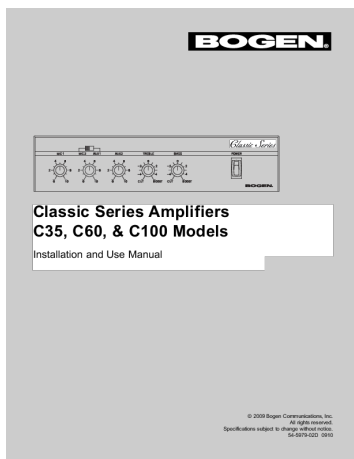


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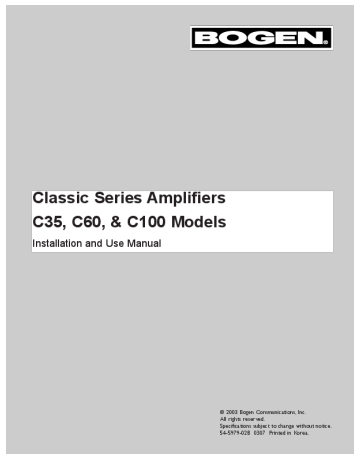


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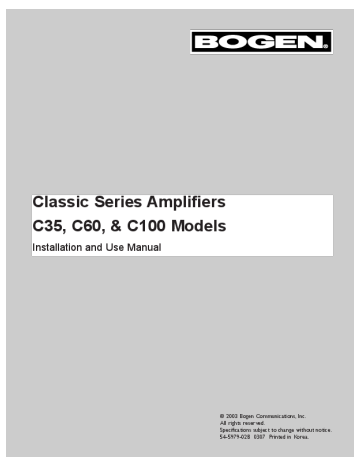


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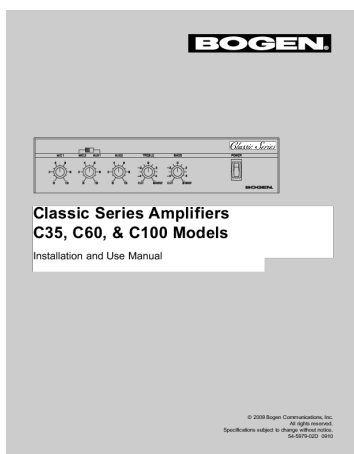


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EASY DESIGN GUIDE

around with 3 pieces of information, you can quickly create a list of *reusable* data for your design. The Easy Design Grid of products was created specifically to make the design process easier and less time consuming for the reader.

Each grid is a piece of information – a piece of analysis, dimensions of the area to be covered (horizontal, vertical and ceiling height). Then, show angles and points that will immediately provide you with the best solution. You can choose from 20 different angles needed and the angle size required by the design.

Each speaker is the Easy Design Grid is designed with a single power and a volume control. Any angle you choose using the Easy Design Grid will be flexible, robust, and powerful. If you have a large room, the design will be flexible, robust, and powerful. If you have a large room, the design will be flexible, robust, and powerful. If you have a large room, the design will be flexible, robust, and powerful.

You get all the benefits of a 2000-watt amplified system – full-power capacity, high-quality sound and performance. 2-watt, low-level, long-range speakers are designed to provide a high-quality sound. The design is a single speaker system design that is designed to provide a high-quality sound. The design is a single speaker system design that is designed to provide a high-quality sound. The design is a single speaker system design that is designed to provide a high-quality sound.

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Figure 1 illustrates the hopping rates for various materials and the typical hopping rates for a 1D lattice.

Top Left: Schematic of a 1D lattice
 A 1D lattice with sites labeled i and j . The hopping rate is denoted by t_{ij} . The hopping rate is defined as $t_{ij} = \frac{1}{\tau_{ij}}$, where τ_{ij} is the hopping time.

Top Right: Typical hopping rates for various materials
 A table showing typical hopping rates for various materials. The columns are Material, t_{ij} (eV), and τ_{ij} (fs).

Material	t_{ij} (eV)	τ_{ij} (fs)
Carbon	~10	~10
Silicon	~1	~100
Germanium	~1	~100
Aluminum	~1	~100
Gold	~1	~100
Silver	~1	~100
Copper	~1	~100
Platinum	~1	~100
Palladium	~1	~100
Nickel	~1	~100
Iron	~1	~100
Cobalt	~1	~100
Niobium	~1	~100
Titanium	~1	~100
Zirconium	~1	~100
Hafnium	~1	~100
Vanadium	~1	~100
Chromium	~1	~100
Manganese	~1	~100
Calcium	~1	~100
Strontium	~1	~100
Barium	~1	~100
Lead	~1	~100
Polonium	~1	~100
Bismuth	~1	~100
Antimony	~1	~100
Arsenic	~1	~100
Selenium	~1	~100
Tellurium	~1	~100
Polonium	~1	~100
Astatine	~1	~100
Francium	~1	~100
Radium	~1	~100
Actinium	~1	~100
Thorium	~1	~100
Protactinium	~1	~100
Uranium	~1	~100
Neptunium	~1	~100
Plutonium	~1	~100
Americium	~1	~100
Cerium	~1	~100
Lanthanum	~1	~100
Yttrium	~1	~100
Scandium	~1	~100
Indium	~1	~100
Thallium	~1	~100
Lead	~1	~100
Bismuth	~1	~100
Antimony	~1	~100
Arsenic	~1	~100
Selenium	~1	~100
Tellurium	~1	~100
Polonium	~1	~100
Astatine	~1	~100
Francium	~1	~100
Radium	~1	~100
Actinium	~1	~100
Thorium	~1	~100
Protactinium	~1	~100
Uranium	~1	~100
Neptunium	~1	~100
Plutonium	~1	~100
Americium	~1	~100
Cerium	~1	~100
Lanthanum	~1	~100
Yttrium	~1	~100
Scandium	~1	~100
Indium	~1	~100
Thallium	~1	~100
Lead	~1	~100
Bismuth	~1	~100
Antimony	~1	~100
Arsenic	~1	~100
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Tellurium	~1	~100
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Francium	~1	~100
Radium	~1	~100
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Americium	~1	~100
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Scandium	~1	~100

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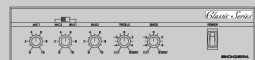
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Function Settings 1 2 3 4 5 6 One-Way Talkback Music In -- or -- Music Page All Call
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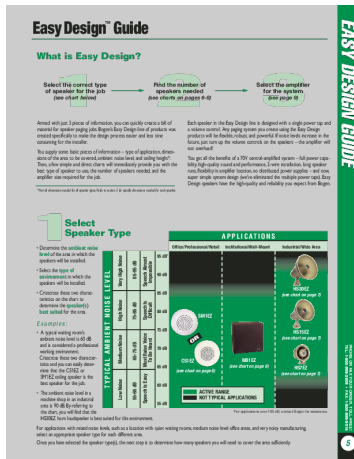
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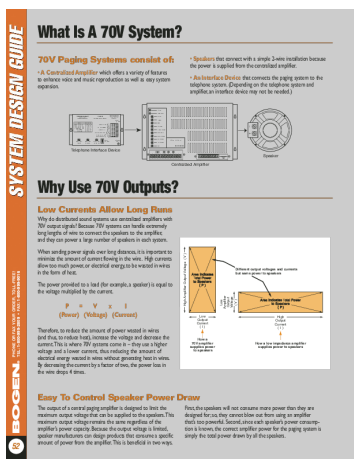


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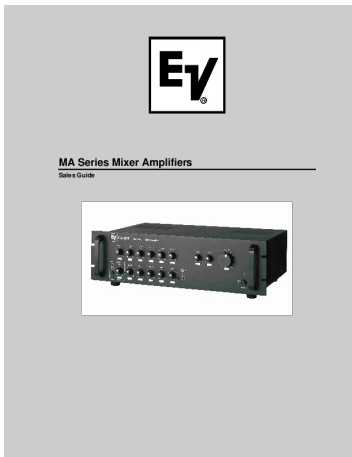


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Classic Series Public Address Amplifiers Models C35, C60 **C100** Description The Bogen Classic Series Models C35, C60, and **C100** are public address mixer amplifiers that provide mixing of microphones, telephone, and auxiliary sources. Output screw terminals are provided for 4-ohm direct and 8-ohm,...

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AfmBOOqQEfkxcky4mC0o7fb8htahUxo oKglwBjFxDKJd0eG1aAUw8Oalgosolutions SolutionsAlgo
Intergration GuideRecommendations wireAlgo Analog Amplifiers1 IP To play DTMF tones control zones
make sure enable Generate In Band Tones Advanced Settings Audio Installation Example with10
oKglwBjFxDKJd0eG1aAUw8Oipphone AfmBOOqKsKsuH5rbQDZdMgyZDp5rpydwtS
irqGNbmlaJ9jdonR8iq22algosolutions with= TOA BG 115 130 26 220 235 Set DIP 4 talk battery OFF PA
2A prevent 10 irqGNbmlaJ9jdonR8iq22ipphone AfmBOOqW1 WmjPDE i OBUqLTOWG4OPz
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go Basic Features set Output Level 0dBm 600 ohm 775 Vrms To and 10
9qzjhBuecTTZuvT4ksy5oDipphone AfmBOOpK9CLsP0qlwF7
ILBE2F8rnf5ribaYD6GgrMpLUd5eYWYp7d5algosolutions Example On
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||| Paging Adapter Amplifier Integration Guide Algo Support, 604-454-3792 support algosolutions.com
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lang:en score:24 filesize: 3.97 M page_count: 43 document date: 2020-07-10



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2022-02-18

[pdf] Guide Diagram

PowerPoint Presentation Paul Paging Adapter Amplifier Integration Guide 18 févr 2022 — Hardware Interface = 8301 Scheduler 7 Typical Application 8 1 Algo Support 604 454 3792 support@algosolutions algosolutions 02 v2 9 |||

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8301.....17 Bogen C35/C60/**C100** with

8301.....18 Bogen C10/C20 with 8301.....

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[pdf] Specifications Accessories

54 7853 01D 01C qxd C Series classic c100 c60 c35 specsheet bogen sites default files 2021 01

Classic Series Public Address Amplifiers Models C35, C60 **C100** Description The Bogen Classic Series Models C35, C60, and **C100** are public address mixer amplifiers that provide mixing of microphones, telephone, and auxiliary sources.

Output screw terminals are provided for 4-ohm direct and 8-ohm ...

lang:en score:22 filesize: 161.99 K page_count: 2 document date: 2020-10-05



[pdf] Accessories

54 7853 01D 01C qxd BOGEN C100 C35 C60 C35s none AMPLIFIER 068202 502221A 078310 198438

405876533 329355 US Spec Sheet 06 19 2012 Click to View Bogen Communications Classic Series

Public Address Amp Data alldataresource assets images bogen |||

Classic Series Public Address Amplifiers Models C35, C60 **C100** Description The Bogen Classic Series Models C35, C60, and **C100** are public address mixer amplifiers that provide mixing of microphones, telephone, and auxiliary sources.

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lang:en score:22 filesize: 112.93 K page_count: 2 document date: 2012-07-12



Paging Adapter Amplifier Integration Guide

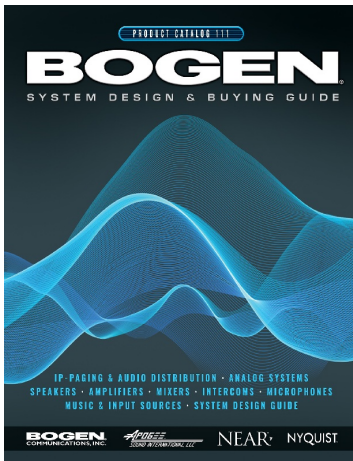
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support@algosolutions.com
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2021-06-21

Algo 8301 & 8373 Paging Adapter Amplifier Integration Guide

This guide details the integration of Algo's 8301 and 8373 Paging Adapters with a wide range of analog amplifiers. It provides essential information on hardware interfaces, setup configurations, and wiring diagrams to ensure seamless audio system integration in Unified Communications environments.

lang:en score:22 filesize: 4.34 M page_count: 54 document date: 2021-06-21



[\[pdf\]](#) User Manual Catalog

User ManualBogen 2520 20 Gauge Connector Kit for SI35A and PI35A 30 Packbogen catalog 111

Manual 1cdn adiglobaldistribution us pim Original 10059 bogen 1 |||

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NYQUIST C4000 Series Over9 Classic

Series Mixer-Amplifiers **C100**, C60, C35, C20, C109 Power Vector Series

Modular Mixer-Amplifiers V250, V150, V1...

lang:en **score:22** filesize: 21.08 M page_count: 87 document date: 2021-02-24



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54 7853 01D 01C qxd BOGEN C100 C35 C60 C35s none AMPLIFIER 068202 502221A 078310 198438

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Bogen |||

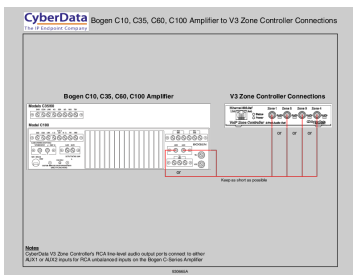
Classic Series Public Address Amplifiers Models C35, C60 **C100** Description The

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lang:en **score:22** filesize: 113.57 K page_count: 2 document date: 2012-07-12



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930665A Bogen C10 C35 C60 C100 to V3 Zone Controller Connection fm mshepherd files cyberdata net

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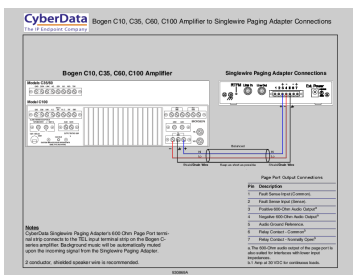
Bogen C10, C35, C60, **C100** Amplifier to V3 Zone Controller Connections The IP

Endpoint Company Bogen C10, C35, C60, **C100** Amplifier or V3 Zone Controller

Connections or or or Keep as short as possible Notes CyberData V3 Zone Controller

s RCA line-level audio output ports connect to either AUX1 or A...

lang:en **score:22** filesize: 139.29 K page_count: 1 document date: 2013-05-07



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930869A Bogen C10 C35 C60 C100 to Singlewire Paging Adapter Connection fm mshepherd files

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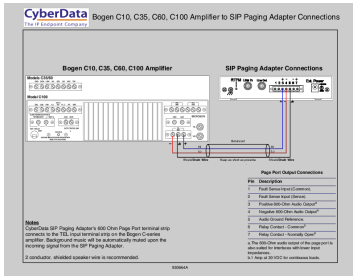
Bogen C10, C35, C60, **C100** Amplifier to Singlewire Paging Adapter Connections The

IP Endpoint Company Bogen C10, C35, C60, **C100** Amplifier Singlewire Paging

Adapter Connections - - Hi Lo Shield/Drain Wire Notes CyberData Singlewire Paging

Adapter s 600 Ohm Page Port terminal strip connects to th...

lang:en **score:22** filesize: 772.82 K page_count: 1 document date: 2014-03-19

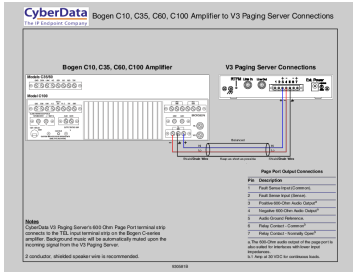


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930664A Bogen C10 C35 C60 C100 to SIP Paging Adapter Connection fm mshepherd files cyberdata net support devicecompatibility documentation

Bogen C10, C35, C60, **C100** Amplifier to SIP Paging Adapter Connections The IP Endpoint Company Bogen C10, C35, C60, **C100** Amplifier SIP Paging Adapter Connections - - Hi Lo Shield/Drain Wire Notes CyberData SIP Paging Adapter s 600 Ohm Page Port terminal strip connects to the TEL input terminal ...

lang:en score:22 filesize: 301.02 K page_count: 1 document date: 2013-05-09

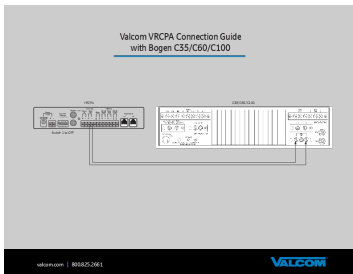


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930581B Bogen C10 C35 C60 C100 to V3 Paging Server Connection fm mshepherd files cyberdata net support devicecompatibility documentation

Bogen C10, C35, C60, **C100** Amplifier to V3 Paging Server Connections The IP Endpoint Company Bogen C10, C35, C60, **C100** Amplifier V3 Paging Server Connections - - Hi Lo Shield/Drain Wire Notes CyberData V3 Paging Server s 600 Ohm Page Port terminal strip connects to the TEL input terminal strip ...

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Valcom VRCPA Connection Guide with Bogen C35/C60/C**100** VRCPA Power 24 VDC Function Settings 1 2 3 4 5 6 One-Way Talkback Music In -- or -- Music Page All Call Page All Call In Out Relay Audio Out Control 1 2 3 4 5 6 CTS 206-6 T631 Switch 1 to OFF N.O. Com Com Ctrl Page Inputs FXS FXO ...

lang:en score:22 filesize: 155.99 K page_count: 1 document date: 2021-11-01



[pdf] Accessories

C35 C60 C100 spec Classic Series Public Address Amps 54 7853 01R2 Brit Byrnes C35s lib store yahoo net cam electronics bogen 80 products s mixeramps

Classic Series Public Address Amplifiers Models C35, C60 **C100** Description The Bogen Classic Series Models C35, C60, and **C100** are public address mixer amplifiers that provide mixing of microphones, telephone, and auxiliary sources. Output screw terminals are provided for 4-ohm direct and 8-ohm,...

lang:en score:21 filesize: 116.28 K page_count: 2 document date: 2004-04-14



[pdf] User Manual Datasheet Accessories

54 7853 01D 01C qxd C Series Product Data SheetBogen C100 100W Classic Public Address

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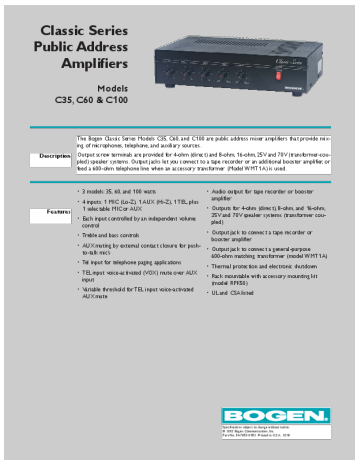
ProductManual SheetProduct AmplifierBogen C1Upload ProductManualUpload C35 ||| ||| Classic Series

Public Address Amplifiers Models C35, C60 C100 Description The Bogen Classic Series Models C35, C60, and C100 are public address mixer amplifiers that provide mixing of microphones, telephone, and auxiliary sources. Output sc

Classic Series Public Address Amplifiers Models C35, C60 **C100** Description The Bogen Classic Series Models C35, C60, and **C100** are public address mixer amplifiers that provide mixing of microphones, telephone, and auxiliary sources.

Output screw terminals are provided for 4-ohm direct and 8-ohm ...

lang:en score:21 filesize: 161.99 K page_count: 2 document date: 2020-10-05



[pdf] Accessories

54 7853 01R2 qxd bmaher Classic Series Public Address Amplifiers 7 hours ago — The amplifier shall

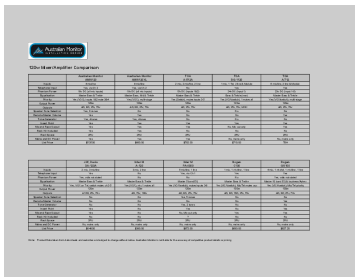
contain a resettable thermostat in the power transformer to protect against heat build up and short

circuited or overloaded connections Bogen C35 C60 C100 PA schematicsforfree files Audio Products B |||

Classic Series Public Address Amplifiers Models C35, C60 **C100** Description The Bogen Classic Series Models C35, C60, and **C100** are public address mixer amplifiers that provide mixing of microphones, telephone, and auxiliary sources.

Output screw terminals are provided for 4-ohm direct and 8-ohm,...

lang:en score:20 filesize: 558.94 K page_count: 15 document date: 2011-03-13



[pdf]

AMIS 120w Mixer Amp Comparison xls ATC Competitive AMIS120 AMIS120XL textfiles manuals

STARINMANUALS Australian Monitor Marketing

120w Mixer/Amplifier Comparison Inputs Telephone Input Phantom Power

Equalisation Priority Output P ... , 8, 25v, 70v Yes, 5 zones No Yes, 2 tones Yes No,

Mix out only 2RU No, mains only 672.00 Bogen **C100** 1 mic, 1 mic/line, 1 line Yes No

Master Bass Treble Yes VOX/switch , Mic/Tel mutes aux 100w ...

lang:en score:20 filesize: 72.4 K page_count: 1 document date: 2004-09-23

[pdf] Specifications Catalog

Amplifier Specs Chart Catalog 104 54 9215 01E page 79 John Britnell Comparison wedophones Manuals

bogen res fault codes Electronics ICs BOGEN

AMPLIFIER SPECS CHART * -2 dB FRP Transformer output; FRP for Direct outputs

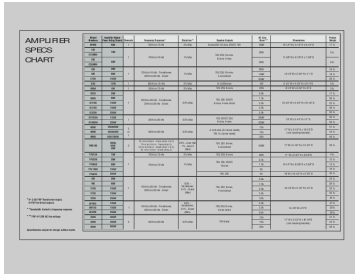
** Bandwidth limited to frequency response ***FRP 120V AC line voltage

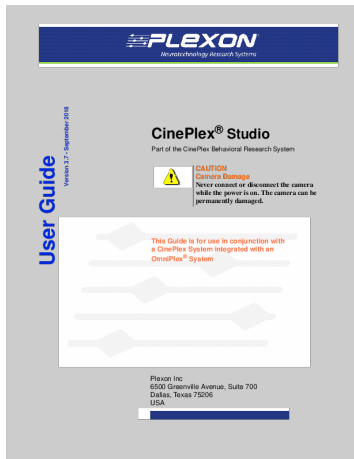
Specifications subject to change without notice. Model Numbers BPA60 C10

C10MOH C20 C20MOH C35 C60 **C100** GA2 GA6A GS35 GS60 GS100 GS150

GS250 HTA12...

lang:fr score:19 filesize: 40.74 K page_count: 1 document date: 2005-07-22





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CineplexStudioV37 CPX OPX book donw Cineplex Studio User Guide plexon 2020 01 |||

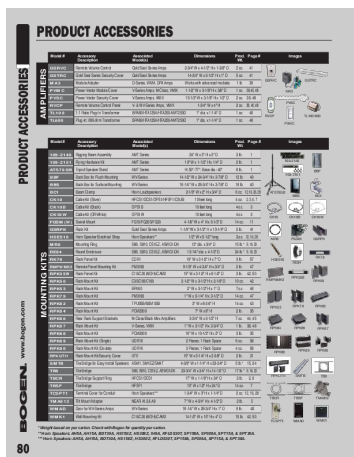
User Guide Version 3.7 - September 2018 CinePlex Studio Part of the CinePlex Behavioral Research Sy ... gs can differ for each instance of the message. Table 1: CinePlex Studio Simple Messages Message # **C100** C101 C102 C103 C104 C107 C108 C109 C110 C111 Message Text CinePlex Studio version ... Starti... lang:en **score:19** filesize: 16.22 M page_count: 328 document date: 2022-01-04



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User Guide Version 3.7 - August 2017 CinePlex Studio Part of the CinePlex Behavioral Research Syst ... gs can differ for each instance of the message. Table 1: CinePlex Studio Simple Messages Message # **C100** C101 C102 C103 C104 C107 C108 C109 C110 C111 Message Text CinePlex Studio version ... Starti... lang:en **score:19** filesize: 16.17 M page_count: 328 document date: 2017-08-21



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untitled Cut Sheet Bogen RPK50 BOG BRACKET FOR C AMPSC35 C60 C100 3 1 2 HIGH Rexel USA

717652 i 72D857AB 951E 4A44 9D1E DE3511FCE5F7 rexel cdn products |||

PRODUCT ACCESSORIES PRODUCT ACCESSORIES AMPLIFIERS Model # GSRVC GSTRC MA3 PVMC PVSC RVCP TL100 TL ... MOH /CAM2 9-1/8 W x 4-3/4 H x 3/4 D 19 W x 3-1/2 H x 6-1/2 D RPK50 Rack Mount Kit C35/C60/**C100** 2-1/2 W x 3-1/2 H x 2-1/8 D RPK53 Rack Mount Kit BPA60 2 W x 3-1/2 H x 1 D RPK79 Rac... lang:en **score:18** filesize: 595.8 K page_count: 2 document date: 2015-01-29

[\[pdf\]](#) Specifications Accessories Catalog

Amplifier Features Chart Catalog 104 54 9215 01E page 78 John Britnell Comparison res fault codes

Manuals Electronics ICs BOGEN

AMPLIFIER FEATURES CHART Feature Included Features determined by type of module installed Balanc ... Model Numbers GA2 GA6A C10 C10MOH TPU15A C20 C20MOH C35 GS35 TPU35B V35 BPA60 C60 GS60 TPU60B V60 **C100** GS100 PM3180 TPU100B V100 WV100 HTA125A GS150 V150 WV150 GS250 HTA250A TPU250 V250 WV250 M300 X...

lang:en score:18 filesize: 47.41 K page_count: 1 document date: 2005-07-22

AMPLIFIER
FEATURES
CHART

	GA2	GA6A	C10	C10MOH	TPU15A	C20	C20MOH	C35	GS35	TPU35B	V35	BPA60	C60	GS60	TPU60B	V60	C100	GS100	PM3180	TPU100B	V100	WV100	HTA125A	GS150	V150	WV150	GS250	HTA250A	TPU250	V250	WV250	M300	X...			
1. Power	15W	60W	10W	10W	15W	20W	20W	35W	35W	35W	35W	60W	60W	60W	60W	60W	100W	100W	180W	100W	100W	100W	100W	125W	150W	150W	150W	250W	250W	250W	300W	300W	300W	300W	300W	
2. Input Impedance	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	
3. Output Impedance	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
4. Frequency Response	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	
5. THD	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	
6. S/N Ratio	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB
7. Dynamic Range	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	100dB	
8. Total Harmonic Distortion	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	
9. Intermodulation Distortion	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	
10. Crosstalk	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	
11. Channel Separation	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	
12. Common Mode Rejection Ratio	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB	
13. Power Bandwidth	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	20-20,000	
14. Input Sensitivity	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	10mV	
15. Output Voltage	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	10V	
16. Output Current	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	
17. Efficiency	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	
18. Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
19. Cooling	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
20. Mounting	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
21. Dimensions	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	100x100x100	
22. Weight	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg	1kg
23. Price	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

Classic Series Public Address Amplifiers

Models C35, C60 & C100

The Bogen Classic Series Models C35, C60, and C100 are public address mixer amplifiers. They provide mixing of microphones, telephones, and auxiliary sources. Output screw terminals are provided for 4-ohm (direct) and 8-ohm, 16-ohm, 25V and 70V transformer-coupled speaker systems. Output jacks for line connect to tape recorder or an additional booster amplifier or feed a 600-ohm telephone line when an accessory transformer (Model WHT-1A) is used.

Description:

- 3 models: 35, 60, and 100 watts
- 4 inputs: 1 PHC (pin-2), 1 AUX (pin-2), 1 TEL, plus 1 remote TEL (pin-2) AUX
- Each input controlled by an independent volume control
- Treble and bass controls
- AUX mixing by manual contact closure for push-to-talk use
- Tel input for telephone paging applications
- TEL input volume control (VOLUME) meter over AUX input
- Variable threshold for TEL input noise reduction (AUX/TEL)

Features:

- Audio output for tape recorder or booster amplifier
- Outputs for 4-ohm (pin-1), 8-ohm, and 16-ohm, 25V and 70V speaker systems (transformer-coupled)
- Output jack to connect to tape recorder or booster amplifier
- Output jack to connect to general-purpose 600-ohm impedance transformer (Model WHT-1A)
- Thermal protection and electronic shutdown
- Back mountable with accessory mounting kit (Model RPS-1)
- UL and CSA listed

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[\[pdf\]](#) Accessories

C35 C60 C100 spec Classic Series Public Address Amps 54 7853 01R2 Brit Byrnes B btpti 80

Classic Series Public Address Amplifiers Models C35, C60 **C100** Description The Bogen Classic Series Models C35, C60, and **C100** are public address mixer amplifiers that provide mixing of microphones, telephone, and auxiliary sources. Output screw terminals are provided for 4-ohm direct and 8-ohm,...

lang:en score:18 filesize: 179.95 K page_count: 2 document date: 2003-05-21

Classic Series Public Address Amplifiers

Models C35, C60 & C100

The Bogen Classic Series Models C35, C60, and C100 are public address mixer amplifiers. They provide mixing of microphones, telephones, and auxiliary sources. Output screw terminals are provided for 4-ohm (direct) and 8-ohm, 16-ohm, 25V and 70V transformer-coupled speaker systems. Output jacks for line connect to tape recorder or an additional booster amplifier or feed a 600-ohm telephone line when an accessory transformer (Model WHT-1A) is used.

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- Variable threshold for TEL input noise reduction (AUX/TEL)

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- Outputs for 4-ohm (pin-1), 8-ohm, and 16-ohm, 25V and 70V speaker systems (transformer-coupled)
- Output jack to connect to tape recorder or booster amplifier
- Output jack to connect to general-purpose 600-ohm impedance transformer (Model WHT-1A)
- Thermal protection and electronic shutdown
- Back mountable with accessory mounting kit (Model RPS-1)
- UL and CSA listed

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[\[pdf\]](#) Datasheet Accessories

C35 C60 C100 spec Classic Series Public Address Amps 54 7853 01R2 Brit Byrnes 232537 farnell datasheets

Classic Series Public Address Amplifiers Models C35, C60 **C100** Description The Bogen Classic Series Models C35, C60, and **C100** are public address mixer amplifiers that provide mixing of microphones, telephone, and auxiliary sources. Output screw terminals are provided for 4-ohm direct and 8-ohm,...

lang:en score:18 filesize: 118.28 K page_count: 2 document date: 2004-04-14

PRODUCT ACCESSORIES

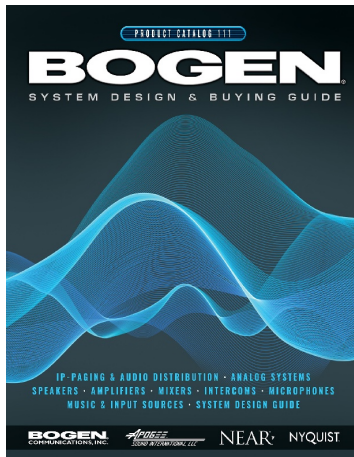
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[pdf] Dimension Guide Accessories Catalog

Bogen Catalog 108 45627 assets twacomm |||

PRODUCT ACCESSORIES PRODUCT ACCESSORIES AMPLIFIERS Model # GSRVC GSTRC MA3 PVMC PVSC RVCP TL100 TL ... D RPK35B Rack Panel Kit C10/C20/CAM2 19 W x 3-1/2 H x 6-1/2 D RPK50 Rack Mount Kit C35/C60/**C100** 2-1/2 W x 3-1/2 H x 2-1/8 D RPK53 Rack Mount Kit BPA60 2 W x 3-1/2 H x 1 D RPK79 Rac...

lang:en score:16 filesize: 662.3 K page_count: 2 document date: 2012-01-25



Bogen Nyquist C4000 Series IP Paging & Audio Distribution Catalog

Explore Bogen's comprehensive catalog featuring the Nyquist C4000 Series IP-based paging and audio distribution solutions. Discover a wide range of amplifiers, speakers, microphones, intercoms, and system design tools for commercial and industrial applications.

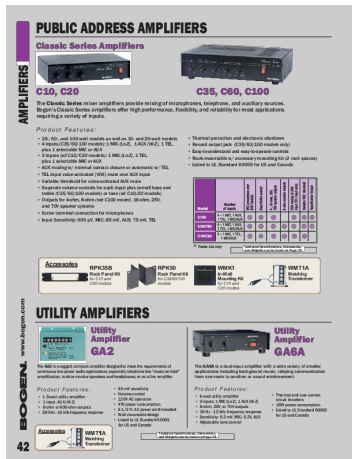
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PRODUCT ACCESSORIES

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PUBLIC ADDRESS AMPLIFIERS Classic Series Amplifiers AMPLIFIERS C10, C20 C35, C60, **C100** The Classic Series mixer amplifiers provide mixing of microphones, telephone, and auxiliary sources. Bogen's Classic Series amplifiers offer high performance, flexibility, and reliability for most applications...

lang:en score:15 filesize: 613.09 K page_count: 3 document date: 2012-05-24



[Bogen Product Catalog: System Solutions, Design & Buying Guide](#)

Explore Bogen's comprehensive product catalog, featuring system solutions, design guidance, and buying information for IP-Paging, audio distribution, amplifiers, speakers, and more. Discover commercial audio equipment for various applications.

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