

Models CC4021, CC4041 and CC4052



CC Series Amplifiers
40-Watts of Power. 3 Models.
The Features & Inputs You Need.

BOGEN®

CC Series

CC Series Amplifiers

You choose the features and inputs you need. The CC-Series consists of 3 mixer-amplifier models, all with the same compact, half-rack-width sized chassis. Each model offers different features (see chart below), allowing you to select the model best suited to the application.

These 40-watt rack-mountable amplifiers are just half the width of conventional audio equipment. This allows two CC-Series amplifiers to be placed side-by-side to increase your power output and number of available inputs - now or anytime in the future, without worrying about finding additional rack space. That's two pieces of equipment taking up the same two rack spaces - what a space saver!

They are ideal for installations with limited setup space because they can fit easily in custom equipment racks, lecterns, compact bookshelf audio systems, etc.

Features on all Models Include: Individual volume controls for each input; priority muting; individual phantom power for MIC inputs; bass and treble controls; peak, signal, and power indicators; REC output; compatible with 70V, 25V, 4-ohm, and 8-ohm speaker systems.



CC4021

2 INPUTS: 1 Balanced MIC/Line, 1 Unbalanced AUX



CC4041

4 INPUTS: 3 Balanced MIC/Line, 1 Unbalanced AUX



CC4052

5 INPUTS: 3 Balanced MIC/Line, 1 Unbalanced AUX, 1 TEL

FEATURES	CC4021	CC4041	CC4052
40 Watts of Power	●	●	●
Total # of Inputs	2	4	5
# of MIC/Line Inputs (balanced)	1	3	3
# of AUX Inputs (unbalanced)	1	1	1
TEL Input			1
Individual Phantom Power for MIC Inputs	●	●	●
Volume Controls for Each Input	●	●	●
Audio-Activated Muting Priority Levels	1	1	2
Defeatable Muting*	●	●	●
Bass and Treble Controls	●	●	●
REC Output	●	●	●
External 24V DC Supply Input	●	●	●
Peak, Signal, & Power Indicators	●	●	●

*Low Priority Only

AMPLIFIER FEATURES

(CC4052 shown)

FRONT



Input Level Controls

Front-mounted, provided for each input

Peak Indicator

Illuminates when peak output level is reached

Signal Indicator

Illuminates when signal is present at any input

REAR

External DC Supply Input
Power unit from external batteries or power supply, using this connection

Speaker Outputs

Compatible with 70V, 25V, 4-ohm, or 8-ohm systems

TEL Input

Mutes all other inputs when active



IEC Input with Fuse
AC Power Supply

REC Output
Provides line-level output of the same program material to the speakers

Input 4, Unbalanced AUX
Provides a high-impedance mono-summing input; can be set as program source for MOH output; Mutable by TEL Input or Input 1

Inputs 2 and 3, Balanced MIC/Line
Select Line, MIC, or MIC with Phantom Power; mutable by TEL Input, or Input 1

Input 1, Balanced MIC/Line
Select Line, MIC, or MIC with Phantom Power; mutable by TEL Input

Mute Send
Enables or disables muting of inputs by Input 1

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TECHNICAL SPECIFICATIONS

Output Power 40W; 1 kHz @ rated distortion

Frequency Response

Balanced LINE/MIC 100 Hz to 20 kHz; 0/-3 dB

Unbalanced Input 80 Hz to 20 kHz; 0/-3 dB

Distortion

Balanced LINE/MIC < 1% THD+N

Unbalanced Input < 1% THD+N

Output Regulation 2 dBr or better no-load to full-load

Output Impedance 70V, 25V, 4 ohms, 8 ohms

REC Output 1.14V @ Full Rated Power (FRP)

Maximum Sensitivity

Balanced MIC 1.15 mVrms (200 ohms)

Balanced LINE 70 mVrms (200 ohms)

Unbalanced RCA Input 150 mVrms (10k ohms)

*TEL Input** 80 mVrms (600 ohms)

Maximum Input Level

Balanced MIC 100 mVrms

Balanced LINE 6 Vrms

Unbalanced Input 5 Vrms

*TEL Input** 2.2 Vrms

Signal-to-Noise AUX

Fundamental -74 dBr min. referenced to FRP

Balanced MIC -59 dBr min. referenced to FRP

Balanced LINE -70 dBr min. referenced to FRP

Unbalanced Input -70 dBr min. referenced to FRP

*TEL Input** -70 dBr min. referenced to FRP

Bass & Treble

Bass +/- 10 dBr @ 100 Hz
referenced to mid-band

Treble +/- 10 dBr @ 10 kHz
referenced to mid-band

VOX Trigger & Muting

Input 1 Trigger Level 25mV (approx.)

VOX Release Delay 4 (+/- 1) sec.

Muting Level > -60 dBr

TEL Trigger & Muting*

Input 1 Trigger Level 22mV (approx.)

VOX Release Delay < 1 sec.

Muting Level > -60 dBr

Phantom Power 12V DC min., 18V DC max.

Thermal Emissions 141.5 BTU/hr. (full power)

External Supply 24V DC; 3A

Max. Unit Dimensions 8-1/4" W x 3-1/2" H x 10-3/8" D

Product Weight 11 lb.

Power Requirements 120V AC, 60Hz, 2A

Listings Listed to UL Standard 60065
for US and Canada

* For CC4052 unit only

ACCESSORY



RPK93
Rack Mount Adapter Kit