

CC Series Amplifiers

Models CC4052 & CC4052m

BOGEN



CC4052



CC4052m

Description These compact mixer-amplifiers provide 40 watts of output power and 5 inputs: 3 balanced MIC/Line, 1 unbalanced AUX, and 1 TEL, each with individual volume controls. Features include 2 audio-activated priority muting levels (Input 1 can be disabled), individual phantom power on all MIC inputs, bass and treble controls, peak and signal indicators, and a REC Output. Model CC4052m also has a built-in MP3 Player (acting as a 6th Input), MOH Output with 1W/8 Ω , and 600 Ω transformer-balanced outputs.

They are compatible with 70V, 25V, 4-ohm, and 8-ohm speaker systems. The units measure two rack spaces in height, but are only 8-1/4" wide allowing for two units to be placed side-by-side without requiring additional rack spaces. An optional rack mount adapter is available for single and side-by-side configurations.

- 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/8 Ω and 600 Ω 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
 - 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)

Architect and Engineer Specifications The amplifier shall be a compact mixer-amplifier that provides 40 watts of output power. The unit shall provide 5 inputs: (3 balanced MIC/Line, 1 unbalanced AUX, and 1 TEL). 2 levels of priority muting shall be audio-activated. TEL is 1st priority, Input 1 is 2nd priority, Input 1 defeatable (highest, TEL, not defeatable). Unit shall have individual phantom power for all MIC inputs.

The amplifier shall include bass and treble controls, peak and signal indicators, and a REC Output.

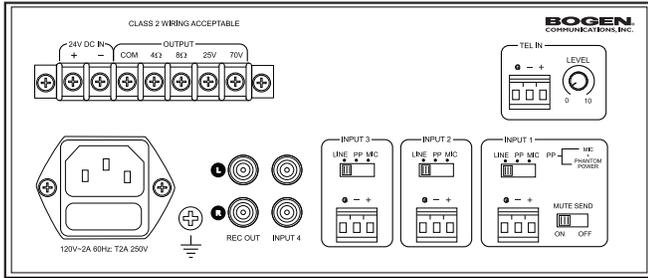
(For Model CC4052m only) The amplifier shall include a built-in MP3 Player that acts as a 6th Input and accepts an SD card and USB thumb drives. The unit shall also have an MOH with 1W/8 Ω and 600 Ω transformer-balanced outputs. Input 4 or the Media Player can be selected as the MOH source.

The amplifiers shall be compatible with 70V, 25V, 4-ohm, and 8-ohm speaker systems. An external 24V DC, 3A external supply input shall be included.

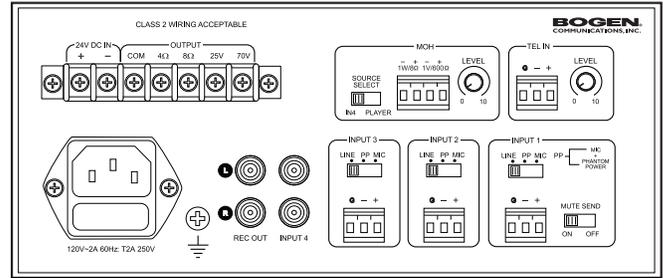
The units shall measure two rack spaces in height, and be no wider than 8-1/4" so as to allow two units to be placed side-by-side without requiring additional rack spaces. An optional rack mount adapter shall also be available for single and side-by-side configurations. The amplifier dimensions shall be 8-1/4" W x 3-1/2" H x 10-3/8" D, and shall weigh 10 pounds.

The amplifier shall be listed to UL Standard 60065 for US and Canada.

CC4052 Rear Panel



CC4052m Rear Panel



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 dB or better no-load to full-load

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

REC Output 1.14V @ Full Rated Power (FRP)

MOH Output (CC4052m only) .. 8Ω: 1W @ 130 mV (IN 4);
600Ω: 2.1V @ 130 mV (IN 4)

Maximum Sensitivity

Balanced MIC 1.15 mVrms (200 ohms)

Balanced LINE 70 mVrms (200 ohms)

Unbalanced RCA Input 70 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 dB min. referenced to FRP

Balanced MIC -59 dB min. referenced to FRP

Balanced LINE -70 dB min. referenced to FRP

Unbalanced Input -70 dB min. referenced to FRP

TEL Input -70 dB min. referenced to FRP

Bass & Treble

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

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

VOX Trigger & Muting

Input 1 Trigger Level 25mV in LINE mode (approx.)

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

Muting Level > -60 dB

TEL Trigger & Muting

TEL IN Trigger Level 22mV (approx.)

VOX Release Delay < 1 sec.

Muting Level > -60 dB

Media Player (CC4052m only)

Format MP3 and WMA files

Type USB and SD/MMC

Max. Capacity 16GB

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

Max. Ambient Temp. 100 deg. F (non-condensing)

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.

Listings Listed to UL Standard 60065
for US and Canada

Accessories

RPK93 Rack Mount Adapter

