

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.

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| Features | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• 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) |
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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.

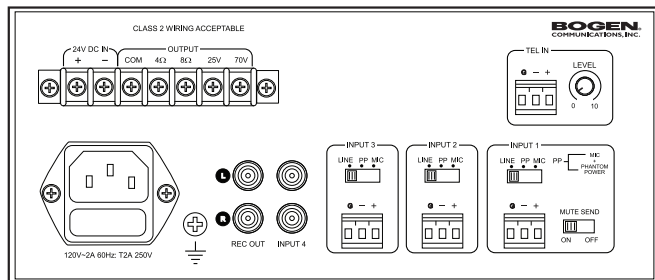
(For Model CC4052m only) The amplifier shall include a built-in MP3 Player that acts as a 6th Input and accepts an SD card and USB thumb drives. The unit shall also have an MOH with 1W/8 Ω and 600 Ω transformer-balanced outputs. Input 4 or the Media Player can be selected as the MOH source.

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.

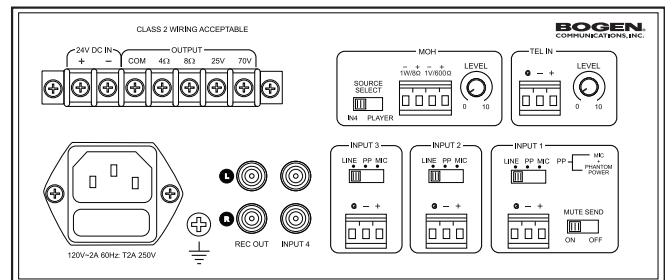
The units shall measure two rack spaces in height, and be no wider than 8-1/4" so as to allow two units to be placed side-by-side without requiring additional rack spaces. An optional rack mount adapter shall also be available for single and side-by-side configurations. The amplifier dimensions shall 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	
<i>Balanced LINE/MIC</i>	100 Hz to 20 kHz; 0/-3 dB
<i>Unbalanced Input</i>	80 Hz to 20 kHz; 0/-3 dB
Distortion	
<i>Balanced LINE/MIC</i>	< 1% THD+N
<i>Unbalanced Input</i>	< 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	
<i>Balanced MIC</i>	1.15 mVrms (200 ohms)
<i>Balanced LINE</i>	70 mVrms (200 ohms)
<i>Unbalanced RCA Input</i>	70 mVrms (10k ohms)
<i>TEL Input</i>	80 mVrms (600 ohms)
Maximum Input Level	
<i>Balanced MIC</i>	100 mVrms
<i>Balanced LINE</i>	6 Vrms
<i>Unbalanced Input</i>	5 Vrms
<i>TEL Input</i>	2.2 Vrms
Signal-to-Noise AUX	
<i>Fundamental</i>	-74 dBr min. referenced to FRP
<i>Balanced MIC</i>	-59 dBr min. referenced to FRP
<i>Balanced LINE</i>	-70 dBr min. referenced to FRP
<i>Unbalanced Input</i>	-70 dBr min. referenced to FRP
<i>TEL Input</i>	-70 dBr min. referenced to FRP

Bass & Treble

<i>Bass</i>	+/- 10 dBr @ 100 Hz referenced to mid-band
<i>Treble</i>	+/- 10 dBr @ 10 kHz referenced to mid-band

VOX Trigger & Muting

<i>Input 1 Trigger Level</i>	25mV in LINE mode (approx.)
<i>VOX Release Delay</i>	4 (+/- 1) sec.
<i>Muting Level</i>	> -60 dBr

TEL Trigger & Muting

<i>TEL IN Trigger Level</i>	22mV (approx.)
<i>VOX Release Delay</i>	< 1 sec.
<i>Muting Level</i>	> -60 dBr

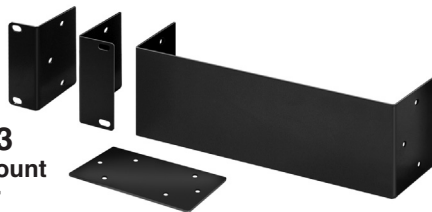
Media Player (CC4052m only)

<i>Format</i>	MP3 and WMA files
<i>Type</i>	USB and SD/MMC
<i>Max. Capacity</i>	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



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