

CC Series Amplifiers

Models CC4021 & CC4041



CC4021



CC4041

Description These compact mixer-amplifiers provide 40 watts of output power. Model **CC4021** has two inputs: 1 balanced MIC/Line and 1 unbalanced AUX with individual volume controls. Model **CC4041** has 4 inputs: 3 balanced MIC/Line and 1 unbalanced AUX with individual volume controls. Features include priority muting which can be disabled, individual phantom power on all MIC inputs, bass and treble controls, peak and signal indicators, and a REC Output.

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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| <p>Features</p> <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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) |
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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 [for Model CC4021]: 2 inputs (1 balanced MIC/Line and 1 unbalanced AUX) [or for Model CC4041]: 4 inputs (3 balanced MIC/Line and 1 unbalanced AUX). Input 1 shall be able to mute other inputs, and muting shall be audio-activated or defeatable. Unit shall have individual phantom power for all MIC inputs.

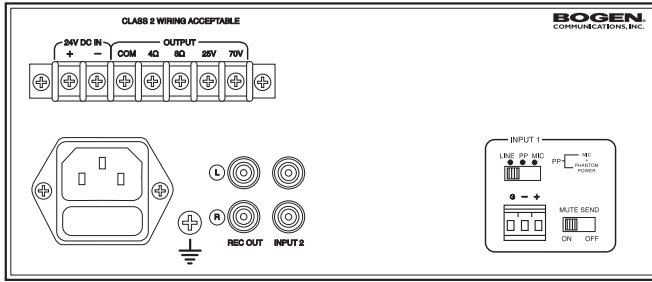
The amplifier shall include bass and treble controls, peak and signal indicators, and a REC Output.

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.

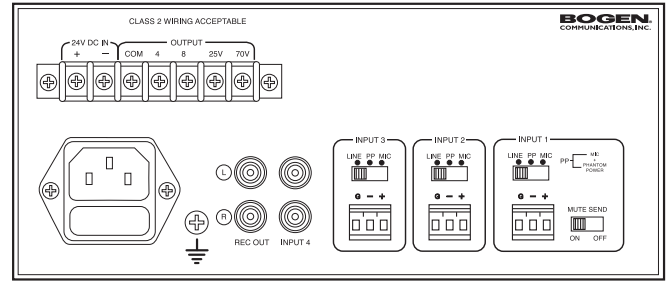
The units shall measure two rack spaces in height, and be no wider than 8-1/4" so as to allow two units to be placed side-by-side without requiring additional rack spaces. An optional rack mount adapter shall also be available for single and side-by-side configurations. The amplifier dimensions shall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

CC4021 Rear Panel



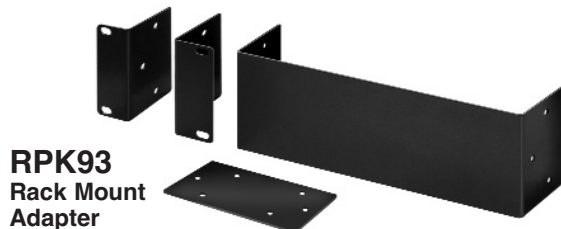
CC4041 Rear Panel



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)
Maximum Sensitivity	
<i>Balanced MIC</i>	1.5 mVrms (200 ohms)
<i>Balanced LINE</i>	150 mVrms (200 ohms)
<i>Unbalanced RCA Input</i>	100 mVrms (10k ohms)
Maximum Input Level	
<i>Balanced MIC</i>	100 mVrms
<i>Balanced LINE</i>	6 Vrms
<i>Unbalanced Input</i>	5 Vrms
Signal to Noise AUX	
<i>Fundamental</i>	-74 dBr minimum referenced to FRP
<i>Balanced MIC</i>	-59 dBr minimum referenced to FRP
<i>Balanced LINE</i>	-70 dBr minimum referenced to FRP
<i>Unbalanced Input</i>	-70 dBr minimum 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 (approx.)
<i>VOX Release Delay</i>	4 (+/- 1) sec.
<i>Muting Level</i>	> -60 dBr
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
Dimensions	8-1/4" W x 3-1/2" H x 10-3/8" D
Product Weight	10 lb.
Listings	Listed to UL Standard 60065 for US and Canada

Accessories



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