

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.

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
 - **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
 - 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)

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).

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

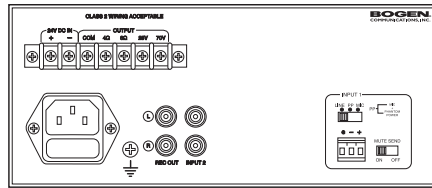
The amplifiers shall be compatible with 70V, 25V, 4-ohm, and 8-ohm speaker systems. An external 24V DC, 3A external supply input shall be included.

The units shall measure two rack spaces in height, and be no wider than 8-1/4" so as to allow

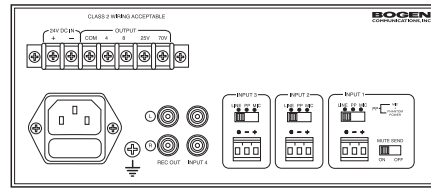
two units to be placed side-by-side without requiring additional rack spaces. An optional rack mount adapter shall also be available for single and side-by-side configurations. The amplifier dimensions shall be 8-1/4" W x 3-1/2" H x 10-3/8" D, and shall weigh 10 pounds.

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

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)

Maximum Sensitivity

Balanced MIC 1.15 mVrms (2k ohms)

Balanced LINE..... 70 mVrms (2k 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 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

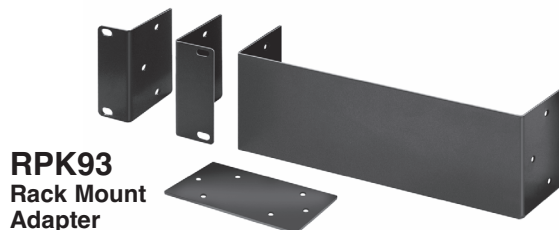
Product Weight..... 11 lb.

Power Requirements 120V AC, 60Hz, 2A

Listings Listed to UL Standard 60065
for US and Canada

* Model 4052 Only

Accessories



RPK93
Rack Mount
Adapter