

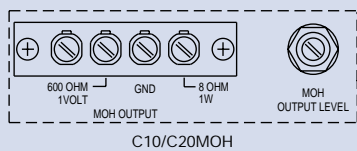
Specialized Telephone Input

The Classic Series line of public address amplifiers provides a 600-ohm transformer-balanced input that is perfectly suited to connect to paging ports and paging adapters, such as Bogen's TAMB. Here are a few specially-designed features:

- The background music will mute whenever paging activity is present on the telephone input, even if control contacts are not available. (Separate mute control contacts are also available.)
- To avoid problems with noise on the lines falsely muting the background music, a built-in threshold control (VOX) lets you decide what's a real signal and what's noise.

Music-On-Hold Outputs

The C10MOH and C20MOH amplifiers contain an added benefit for users with telephone systems. Special outputs on these units take the background music that is normally supplied to the AUX input and make it available as an output. There are two output choices. One supplies a 600-ohm transformer-isolated signal. The other can supply 1-watt into 8 ohms (typically needed for older telephone systems). These outputs don't contain any of the paging signals from the microphone or telephone inputs, only the signal applied to the AUX input. Callers hear only the background music selection, but none of the general paging.



Classic Series Amplifiers



C10, C20,
C10MOH, C20MOH



C35, C60, C100

These public address mixer amplifiers provide mixing of microphones, telephone, and auxiliary sources. Output jacks allow a tape recorder or an additional booster amplifier to be connected. Bogen's Classic Series amplifiers offer high-performance, flexibility, and reliability for most applications requiring a variety of inputs.

Product Features:

- 35, 60, and 100 watt models as well as 10 and 20 watt models w/ optional built-in MOH (music-on-hold) outputs
- 4 inputs (C35/60/100 models): 1 MIC (Lo-Z), 1 AUX (Hi-Z), 1 TEL, plus 1 selectable MIC or AUX
- 3 inputs (all C10/C20 models): 1 MIC (Lo-Z), 1 TEL, plus 1 selectable MIC or AUX
- AUX muting w/ external contact closure or automatic w/ TEL
- TEL input voice-activated (VOX) mute over AUX input
- Variable threshold for voice-activated AUX mute
- Separate volume controls for each input plus overall bass and treble (C35/60/100 models) or tone (all C10/20 models)
- Outputs for 4-ohm, 8-ohm, 16-ohm, 25V, and 70V speaker systems
- Screw terminal connection for microphones
- MOH output: 600-ohm @ 1V, 8-ohm @ 1W, and output level control (MOH models only)
- No paging heard in MOH output (MOH models only)
- Input Sensitivity: 600 mV, Mic; 85 mV, Aux; 75 mV, Tel
- Thermal protection and electronic shutdown
- Output jack to connect a tape recorder or booster amplifier (C35/60/100 models only)
- Easy-to-understand and easy-to-operate controls
- Rack-mountable w/ accessory mounting kit (2 rack spaces)
- UL and CSA listed

Accessories



RPK35B
Rack Panel Kit
for C10(MOH)/
C20(MOH)
models



RPK50
Rack Panel Kit
for C35/60/100
models



WMK1
In-Wall
Mounting Kit
for C10(MOH)/
C20(MOH)



WMT1A
Matching
Transformer

Model	# of Inputs	MIC precedence over AUX input(s)	Bass/Treble control	4-, 8-, 16-ohm, 25V, 70V speaker outputs	MOH Output Built-in	VOX muting of AUX input (TEL input only)	Variable VOX threshold	Tape/Booster Output
C35/60/100	4 - 1 MIC, 1 AUX, 1 TEL, 1 MIC/AUX	●	●	●		●	●	●
C10/C20	3 - 1 MIC, 1 TEL, 1 MIC/AUX	●	★	●		●	●	
C10MOH/ C20MOH	3 - 1 MIC, 1 TEL, 1 MIC/AUX	●	★	●	●	●	●	

★ Treble Cut only

Technical Specifications, Dimensions, and Weights can be found on Page 67