



Mixer/amplifier with 4 ohms, 8 ohms, 25V and 70V speaker outputs at screw terminals includes mounting brackets for a 19 inch rack. Powered by 120VAC 60Hz, the main AC input is protected by a circuit breaker in back. An unswitched AC outlet in back is protected by a separate circuit breaker. Front panel features three input channels (MIC/TEL, PROGRAM, AUX1), plus BASS control, TREBLE control, power active LED, and output level LED.

FEATURES:

- First channel (MIC/TEL): switchable for microphone or telephone inputs. Includes a switch to select AUX two dual combining RCA phono connectors. Includes TEL/MIC switch, which in TEL position pads the input to allow channel to be fed by a 600 ohm balanced line level telephone page port output signal. The first channel includes a MUTE ON/OFF switch. When the mute switch is turned ON, a dynamic microphone or telephone input will mute the Aux 1, Aux 3, or Program inputs.
- Second channel (PROGRAM): switchable for program input screw terminals or AUX 3 dual combining RCA-phono connectors.
- Third channel (AUX 1): for AUX 1 dual combining RCA-phono connectors.
- AC Supply Voltage: 120VAC 60Hz \pm 10%
- Power Consumption: 90W @ Rated Power
- Dimensions: 8.35 in.W x 3.46 in.H x 10.82 in.D
- Weight: 8.82 lbs.
- Speaker Level Outputs: Screw terminal strips, Main Output: 4 ohms, 8 ohms, 25V, 70V, 30W RMS, Music-On-Hold (MOH): 1W @ 8 ohms
- Mic Input: Screw terminals, 1mV @ 600 ohms balanced. (Phantom power not available.)
- Telephone Input: Screw terminals, (switchable, same terminals as mic input), 100mV @ 10k ohms balanced
- Program Input: Screw terminals, 100mV @ 10k ohms balanced
- AUX Inputs 1-3
- Dual parallel unbalanced RCA-phono jacks, stereo converted to mono, 150mV @10k ohms

- Frequency Response: 50Hz – 20kHz \pm 3dB (Test signal inserted at AUX input.)
- Total Harmonic Distortion: Less than 1% at 1kHz at rated power.
- Signal to Noise Ratio: 80dB (Test signal inserted at AUX input.)
- Tone Controls: Bass \pm 10dB @ 100Hz, Treble \pm 10dB @ 10kHz

A&E SPECIFICATIONS:

The mixer/amplifier with rackmount brackets shall be Lowell model MA30-RK, which shall have a 30W power amplifier with 4 ohms, 8 ohms, 25V and 70V speaker outputs at screw terminals. It shall feature three channels (microphone/telephone channel [switchable], program input channel and AUX 1 channel—dual-combining RCA/phono connectors), bass control, treble control, power active LED and output level LED. The unit shall measure 8.35 in. x 3.46 in. x 10.82 in.

OPTIONS: (order separately)

- **TSM-ISO Signal Isolation Transformer:** When external equipment is connected to a Lowell mixer/amplifier using an unbalanced RCA cord and that equipment has a grounded AC plug or is mounted in the same metal rack as the mixer/amplifier, a ground loop is created that can cause hum in the sound system. Lowell recommends replacing the RCA cord with the TSM-ISO to eliminate the ground loop and the hum it can create.



Optional TSM-ISO
signal isolation transformer

REAR PANEL:



MA Series Mixer/Amplifier Overview

| Model No. | Description | Max. Power Output | Height | Width | Depth | Weight |
|----------------|---|-------------------|--------------|--------------|---------------|-----------------|
| MA30 | Mixer/Amplifier (standalone) | 30W | 3.46" | 8.35" | 10.82" | 8.8 lbs. |
| MA30-RK | Mixer/Amplifier & rackmount brackets | 30W | 3.46" | 8.35" | 10.82" | 8.8 lbs. |
| MA30-WK | Mixer/Amplifier & wall-mount brackets | 30W | 3.46" | 8.35" | 10.82" | 8.8 lbs. |
| MA60 | Mixer/Amplifier & rackmount brackets | 60W | 3.5" | 17" | 13.5" | 17 lbs. |
| MA125 | Mixer/Amplifier & rackmount brackets | 125W | 3.5" | 17" | 13.5" | 19 lbs. |
| MA250 | Mixer/Amplifier & rackmount brackets | 250W | 3.5" | 17" | 13.5" | 24 lbs. |

This spec

