



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  $\pm 3\text{dB}$  (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  $\pm 10\text{dB}$  @ 100Hz, Treble  $\pm 10\text{dB}$  @ 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.

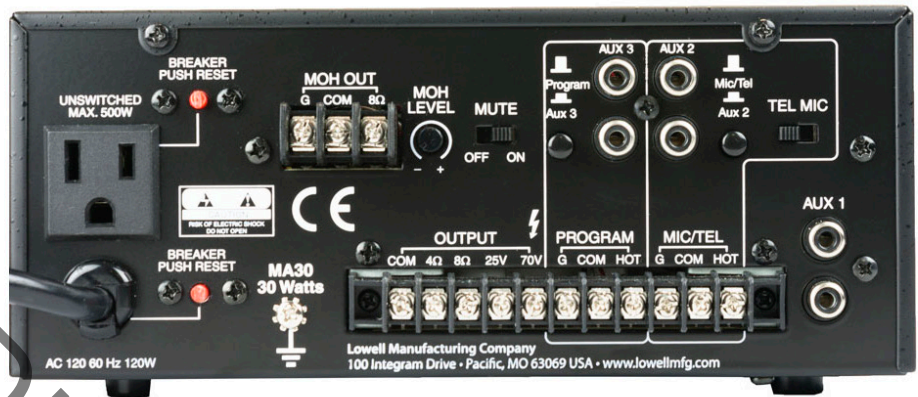
### OPTIONS: (order separately)

- **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.
<b>MA30-RK</b>	<b>Mixer/Amplifier &amp; rackmount brackets</b>	<b>30W</b>	<b>3.46"</b>	<b>8.35"</b>	<b>10.82"</b>	<b>8.8 lbs.</b>
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

DISCONTINUED MODEL

