

MA30 30 Watt Mixer/Amplifier

The MA30 mixer/amplifier has a 30 watt power amplifier with 4 ohms, 8 ohms, 25V and 70V speaker outputs at screw terminals. 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.

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.

Technical Specifications

AC Supply Voltage	120VAC 60Hz ±10%
Power Consumption	90W @ Rated Power
Dimensions	8.35 in.W x 3.46 in.H x 10.82 in.D [212 x 88 x 275mm]
Weight	8.82 lbs. (4 kg)
Speaker Level Outputs	Screw terminal strips, Main Output: 4 ohms, 8 ohms, 25V, 70V, 30W RMSMusic-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 ±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 ±10dB @ 100Hz, Treble ±10dB @ 10kHz

A & E Specifications

The mixer/amplifier shall be Model No. MA30 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 [switch-able], program input channel and AUX 1 channel — dual-combining RCA/phono connectors), bass control, treble control, power active LED and output level LED. Unit shall measure 8.35 in.W x 3.46 in.H x 10.82 in.D [212 x 88 x 275mm].



Rear panel