

• **AM81: Automatic Microphone Mixer**

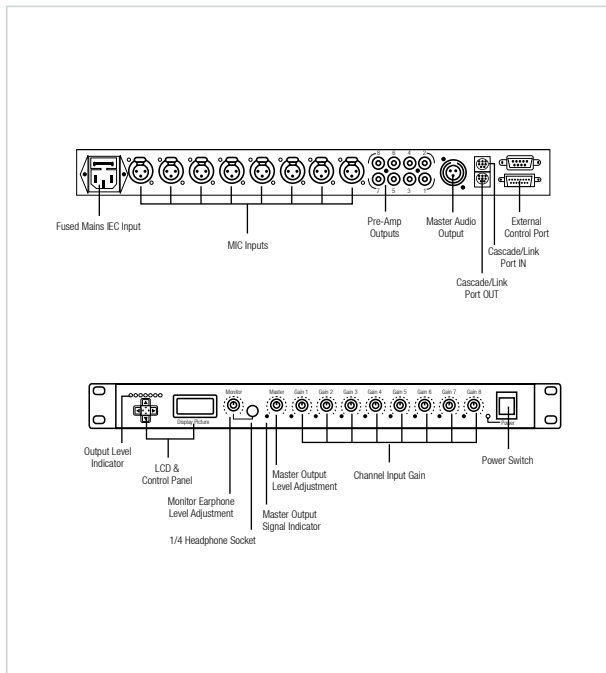
The Clockaudio AM81 is an 8 channel automatic microphone mixer ideal for multi channel microphone systems in conference and voice reinforcement applications.

By automatically sensing when a channel becomes active, the AM81 will simply control the level of the system dependent on the priority settings. The NOMA (Number of Open Microphones Attenuated) function will also control and adjust the mixer output to prevent feedback due to open microphone channels.

Expansion is easily achieved with up to 15 units able to be cascaded for medium to large system applications (120 microphones maximum).

**Features:**

- 8 x Microphone Inputs
- 1 x Aux/Music Input
- Individual Priority settings
- Main Output (Balanced)
- 8 x Individual Pre-Amp Outputs
- Simple LCD Display (to view and change settings and functions)
- Automatic or Manual operation
- NOMA facility (Number of Open Microphones Attenuated)
- Link In /Link Out for multi system use



**Specifications:**

Model:	AM81
Input Impedance	MIC: 4300Ω, AUX 50kΩ
Output Impedance (balanced)	MIC: 15kΩ, Line 220Ω
Output Impedance (unbalanced)	1kΩ
Pre-Amplifier Output Impedance	3.3kΩ
Max Input Level	MIC: -18dBv, AUX 6dBv
Max Output Level (Balanced)	MIC: -18dBv, Line 21.5dBv
Standard Input Level (Balanced)	MIC: -28dBv, Unbalanced: AUX 2.5dBv
Pre-Amplifier Output Level (Balanced)	MIC -25dBv, Line 0dB
Pre-Amplifier Output Level	-4.4dBv
Max Gain	62dB
Frequency Response	20Hz ~ 20kHz
Noise	All channels with the max gain position (220Ω) -85dB
THD+N	≤0.5%
S/N	75dB
Phantom Power	+48v
Controlling Output Voltage	5v
Power Voltage	220v AC
Current Consumption	25W
Rack Height	1U
Dimension	430(W) x 44(H) x 221(D) mm
Weight	3.2kg