

OMNITRONIC AM-801 Automatic Mixer

Processor-controlled automatic mixer

Art. No.: 10304153

GTIN: 4026397325324



Description:

The OMNITRONIC AM-801 is a processor-controlled automatic audio mixer with eight inputs for connecting dynamic or condenser microphones and a further audio source (e.g. background music) in a single rack space. Using an automatic mixing algorithm, the AM-801 silently activates only the microphones being addressed and attenuates all other microphones that are not in use. This helps to minimize background noise and feedback which occur when a large number of microphones is permanently open. Furthermore, with the priority function it is possible to give one or more microphones priority and to attenuate all other channels. The most recently activated microphones stays open until another microphone is activated (Last Mic ON function). Up to 16 AM-801 can be coupled together for operation with up to 128 microphone channels. For monitoring purposes the AM-801 features a headphone output with level control.

The AM-801 dramatically improves audio quality in any application where multiple microphones are required. The automatic mixer is easy to set up and simple to use and was designed for conferences, teaching centers, houses of worship, studios and broadcasting stations.

Features:

- 8 microphone input channels (XLR, bal.) and 1 master output (XLR, bal./6.3 mm jack, unbal.)
- Algorithm automatically allocates gain among the microphones
- Automatic mixing technology activates only those microphones being addressed
- Skewing function eliminates background noise and feedback
- Last microphone remains on to maintain ambient sound
- Each channel with +48 V phantom power, separate level control and signal LED
- Priority pre-select feature allows priority of each microphone to be independently assigned
- Aux In (6.3 mm jack) with non-automatic level control
- Monitor headphone output with level control
- Master level control

Logistic

EAN / GTIN: 4026397325324

Weight: 4,00 kg

Length: 0.49 m

Width: 0.35 m

Height: 0.10 m

- Precise 7-digit LED meter for output level
- Expansion outputs for up to 16 units (max. 128 channels), connection cable supplied
- Operation via supplied power unit
- Incl. mounting brackets for 483 mm rack installation (1 U)
- (19") 48.3 cm rack installation 1 U

Technical specifications:

Power consumption:	5.00 W
Frequency range:	60 - 18000 Hz
S/N ratio:	>90 dB
Gain:	20 dB
Max. level:	Input: +14 dBV
Housing design:	(19") 48.3 cm rack installation 1 U
Dimensions:	Width: 48.3 cm Depth: 18 cm Height: 4.45 cm
Weight:	3.20 kg
Power supply:	13-18 V AC, 1000 mA (mixer) 230 V AC, 50 Hz (power supply unit)
Phantom power:	48 V
Audio output level:	6 dBV/ 3000 ohms (XLR) 6 dBV/ 600 ohms (6.3 mm jack)
Output impedance:	200 ohms (XLR) 1 kohms (6.3 mm jack)
Max. input level:	-6 dBV (MIC) 12 dBV (LINE)
Input impedance:	3 kohms (MIC) 10 kohms (LINE)

Scope of delivery: