AM 2080

MIXER AMPLIFIER

DESCRIPTION

AM 2080 is a mixer-amplifiers with 2 mic-line audio inputs on removable connectors (the first input also has an XLR socket) and 2 aux inputs for music sources (e.g. CD players, tuners, etc.).
The nominal power: is a 80 W amplifier. The amplifier output is available either for low impedance loudspeakers or 100 – 70 V constant voltage line.

FEATURES

- Full digital technology Mixer Amplifier 80 W RMS
- 100 V - 70 V and 4 Ohm outputs
- 2 universal inputs with phantom facility on screw terminal connections
- XLR connector on input 1
- RJ45 connectors on input 2 for connection to BM3001 microphone
- Configurable Priority settings, VOX facility on input 1
- Selectable aux inputs with two keys on the front panel for music source
- Aux inputs with volume and tone controls
- Music On Hold and PRE outputs
- Digital Chime and Siren built-in generator

TECHNICAL SPECIFICATIONS

Amplifier specifications	Number of channels:	1
	Power output per channel (@ 4 ohm):	80 W RMS
	Power output (@ 100 V):	80 W RMS
	Frequency Response (-3dB):	50 Hz ÷ 16 kHz
	Signal/noise rate ("A" weighted)	>80 dB
	Distortion (THD+N) @ 1 kHz nominal power:	<0.3 %
Input section	Total number of inputs:	5
	Balanced:	5
	Unbalanced:	1
	Mono:	4
	Stereo:	2
	Line inputs:	2
	Line connectors:	RCA
	Mic+Line inputs:	2
	Mic+Line connectors:	Euroblock, XLR
	Mic+Line Phantom:	30 V DC
	VOX:	Yes
	Paging inputs:	1
	Paging connectors:	RJ45
	Paging command:	Contact
Output section	Signal output number:	2
	Signal output connectors:	RCA
	Power output connectors:	Euroblock
Processing	Tone controls:	Yes
	High-pass filter:	150 Hz
Controls	Configuration:	DIP switch, Front panel
	Priority:	Yes
	Music on hold:	Yes
	Chime tone:	Yes
Protections	Cooling:	Convection
	Short circuit:	Yes
	Thermal:	Yes
	DC:	Yes
	Fuses:	Yes
Power requirement	Operating voltage:	220-240/115 V~ 50/60Hz
	Voltage selection:	Internal
	Power consumption:	160 W

RCF products are continually improved. All specifications are therefore subject to change without notice.

Standard compliance	CE marking:	Yes
Physical specifications	Cabinet/Case Material:	Metal
	Color:	Black
	Rack mounting:	19", 2U
Size	Height:	88 mm / 3.46 inches
	Width:	442 mm / 17.4 inches
	Depth:	230 mm / 9.06 inches
	Weight:	3.77 kg / 8.31 lbs
Shipping informations	Package Height:	200 mm / 7.87 inches
	Package Width:	330 mm / 12.99 inches
	Package Depth:	500 mm / 19.69 inches
	Package Weight:	5.38 kg / 11.86 lbs

PART NUMBER

- **12135062**

  AM 2080

  EAN 8024530006525

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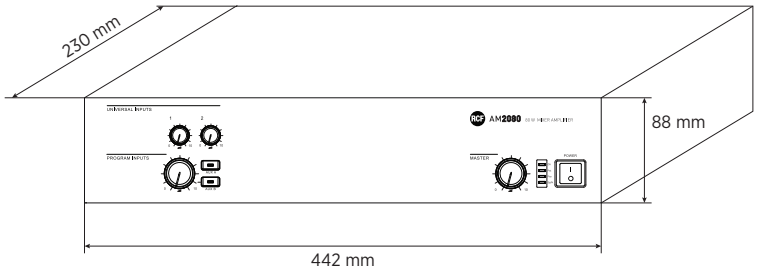
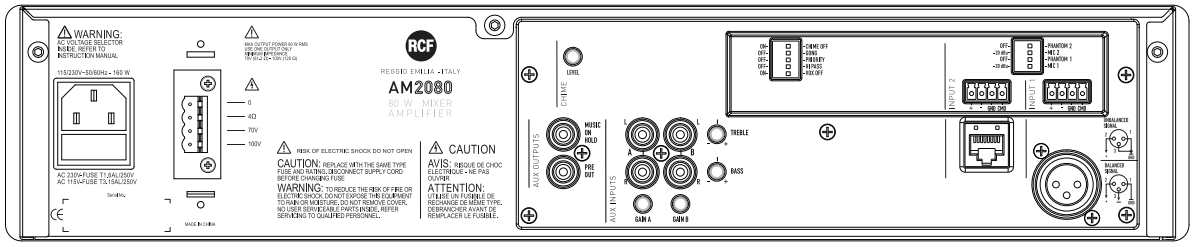
DRAWINGS



PANELS

Front panel

Rear panel