

ES 3080

MIXER-AMPLIFIER WITH MP3 PLAYER AND BLUETOOTH

DESCRIPTION

ES 3080 is an 80 W mixer-amplifier with a MP3 player directly accessible on the front panel. It can read USB sticks, SD cards, has an auxiliary input port with 3.5mm jack and Bluetooth technology for the connection with external sources. Moreover, it offers 2 mic-line audio inputs on removable connectors (the first input also has an XLR socket). Input 2 also has an RJ 45 port for quick connection of an RCF BM 3001 paging microphone (through CAT5 cable). The amplifier output is available either for low impedance speakers (min. 4 Ω) or 100 – 70 V constant voltage line (for speakers having 100 – 70 V transformers). Input 1 has a signal detection circuit ('VOX') for automatic priority. Inputs 1 and 2 can access the priority through an external command (connected to either the removable connector or the RJ 45 port). The MUSIC ON HOLD output directly sends the internal MP3 player signal to additional amplifiers, mixers, phone systems ('music on hold' function), etc. The PRE OUT output sends the signal (the same routed to the internal amplifier) to additional amplifiers. The 2 mic-line inputs have a high-pass filter (with a common on/off dip-switch) that are useful



FEATURES

- Audio source with 80W power amplifier
- MP3 player controlled from the front panel
- MP3 inputs: USB flash, SD card, AUX jack 3.5mm
- Bluetooth connection with external devices.
- 2 universal inputs on removable screw-terminals and 1 AUX input
- Configurable priority settings, VOX facility on input 1
- Auxiliary output MUSIC ON HOLD to send the audio signal to external amplifiers or telephone switchboards
- PRE OUT connector for additional power amplifiers
- HI-PASS control (inputs 1 and 2)
- Auxiliary input on RCA connector and MP3 player equipped with independent tone controls (bass and treble) and gain

TECHNICAL SPECIFICATIONS

Amplifier specifications	Number of channels:	1
	Power output (Hi-Z):	80 W RMS
	Frequency Response (-3dB):	50 Hz ÷ 16 Hz
	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:	JACK, 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
Audio sources	USB pen drives:	Yes
	SD card:	Yes
	Bluetooth:	Yes
Power requirement	Operating voltage:	220-240/115 V~ 50/60Hz
	Voltage selection:	Internal
	Power consumption:	160 W



Standard compliance	CE marking:	Yes
Physical specifications	Cabinet/Case Material:	Metal
	Color:	Black
	Rack mounting:	19", 2U , Optional rack mounting accessory required
Size	Height:	88 mm / 3.46 inches
	Width:	442 mm / 17.4 inches
	Depth:	230 mm / 9.06 inches
	Weight:	3.9 kg / 8.6 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:	5.4 kg / 11.9 lbs

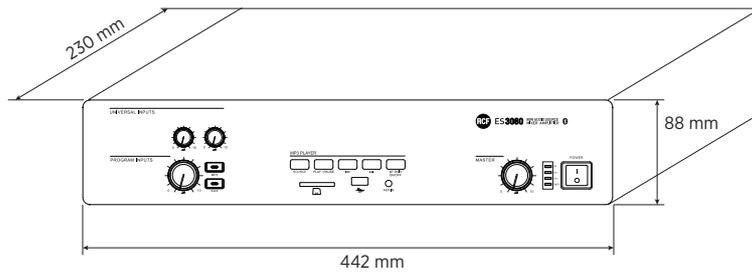
PART NUMBER

- **12135107**

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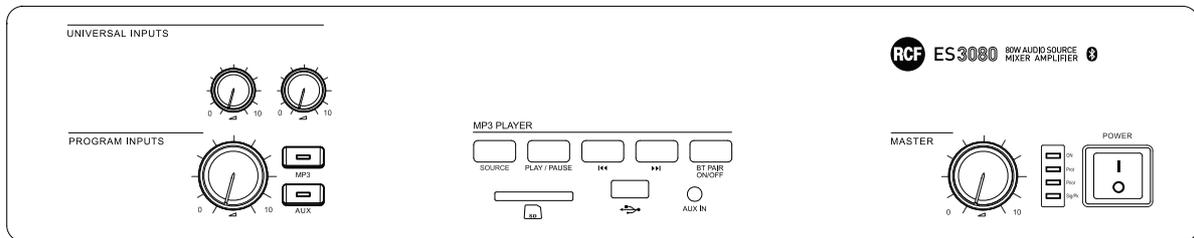
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DRAWINGS



PANELS

Front panel



Rear panel

