

# 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 (@ 100 V):	80 W RMS
Frequency Response (-3dB):	50 Hz ÷ 16 kHz
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

<b>Standard compliance</b>	CE marking:	Yes
<b>Physical specifications</b>	Cabinet/Case Material:	Metal
	Color:	Black
	Rack mounting:	19", 2U , Optional rack mounting accessory required
<b>Size</b>	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
<b>Shipping informations</b>	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

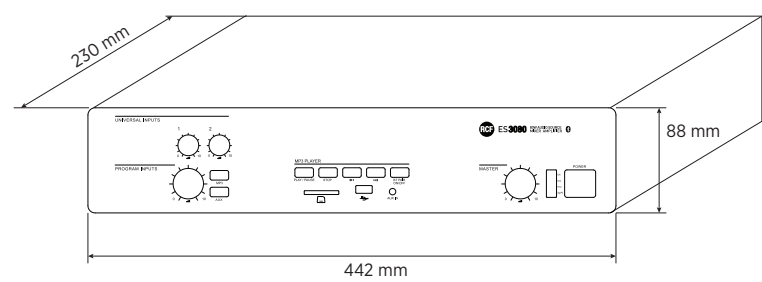
**PART NUMBER**

- **12135107**

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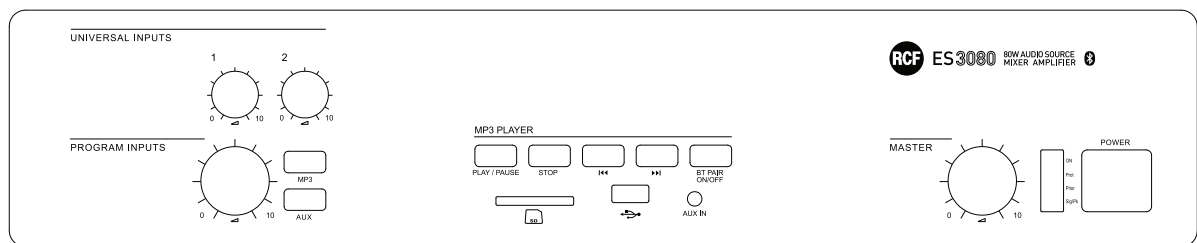
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DRAWINGS



PANELS

Front panel



Rear panel

