



# 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 to improve speech intelligibility. The internal MP3 player and the AUX INPUT have tone controls (common for both). Front panel LEDs indicate the device state (ON, PROT), priority circuit enabled (PRIOR) and the signal level / peak (SIG/PK).

## 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

## Part Number

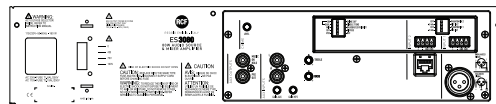
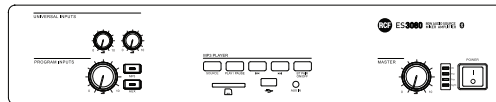
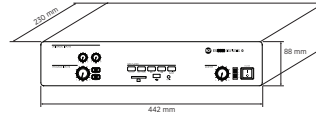
12135107 ES 3080 115-230 V Black EAN 8024530012717



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Line Art 2D



## TECHNICAL SPECIFICATIONS

<b>Amplifier specifications</b>	Frequency Response (-3dB)	50 Hz ÷ 16 Hz
	Distortion (THD+N) @ 1 kHz nominal power	<0.3 %
<b>Input section</b>	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
<b>Output section</b>	Paging inputs	1
	Paging connectors	RJ45
	Paging command	Contact
<b>Processing</b>	Signal output number	2
	Signal output connectors	RCA
	Power output connectors	Euroblock
<b>Configuration and control</b>	Tone controls	Yes
	High-pass filter	150 Hz
<b>Protections</b>	Configuration	DIP switch, Front panel
	Priority	Yes
	Music on hold	Yes
	Chime tone	Yes
<b>Protections</b>	Cooling	Convection
	Short circuit	Yes
	Thermal	Yes
	DC	Yes
	Fuses	Yes



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<b>Audio sources</b>	USB pen drives	Yes
	SD card	Yes
	Bluetooth	Yes
<b>Power requirement</b>	Operating voltage	220-240/115 V - 50/60Hz
	Voltage selection	Internal
	Power consumption	160 W
<b>Standard compliance</b>	Safety agency	CE compliant
<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