

AM 1125

MIXER AMPLIFIER



DESCRIPTION

AM 1125 is a 120W mixer-amplifier having 4 audio inputs. The audio input 1 can have the 'Phantom' power supply (needed by electret microphones) and get the priority over the other audio inputs through an external command or automatically thanks to the 'VOX' circuit, which detects the signal presence. Dual RCA connectors can be used to link stereo (unbalanced) sound sources (e.g. CD – MP3 players, tuners, etc.). The amplifier output is available either for low impedance loudspeakers (min. 4 Ω) or 100 – 70 V constant voltage line (for loudspeakers having 100 – 70 V transformers). It can also be powered by batteries (voltage: 24 V dc), in order to ensure its proper operation even when the mains supply is unavailable.

CERTIFICATIONS AND APPROVALS

- CE: it complies with European Community 2006/95/CE LVD and 2004/108/CE EMC
- Electromagnetic immunity according to IEC EN 55013+A1+A2, IEC EN 55020+A2+EC, EN 61000-3-2, EN 61000-3-3+A1
- Electronic apparatus safety requirements according to IEC EN 60065:2002

INSTALLATION NOTES

Fix the amplifier with the included rack ears to the 19" rack front. Add RCF P/AER-1V front ventilation panels, at least one between each amplifier pair.

MAIN FEATURES

- 120W 4-inputs Mixer-Amplifier
- 4 XLR input
- VOX facility and Phantom power supply on input 1
- Audio input 3 also with dual RCA connector
- Aux input on dual RCA connector
- DUCKING Control to adjust the Aux in level
- Audio output (with RCA connector) that sends the same signal routed to the internal amplifier
- Audio input (with RCA connector) to connect an external device directly to the internal power amplifier
- Amplifier output to loudspeakers, available as 100 / 70 V constant voltage line and Low impedance (min. 4 Ω)

ACCESSORIES (included)

- AC power cord
- Rack ears.
- User's manual.
- Warranty card

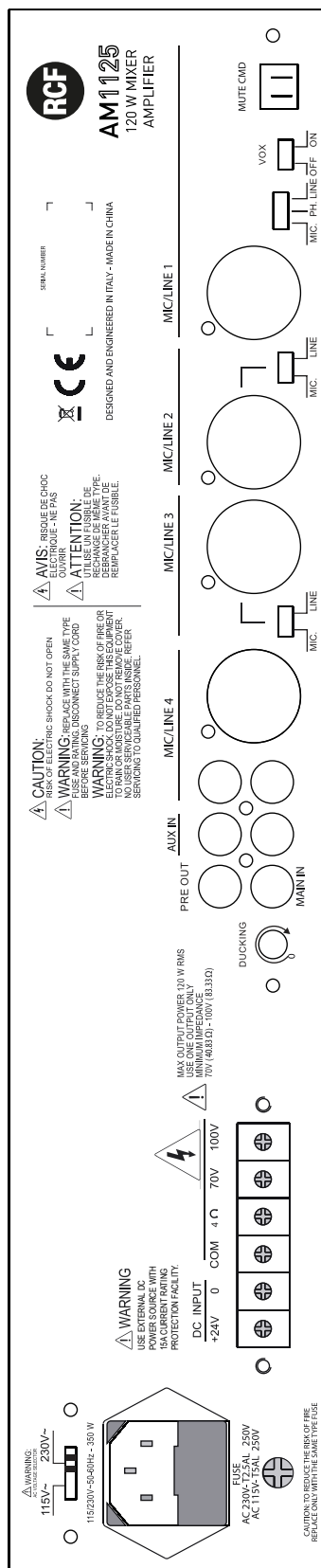
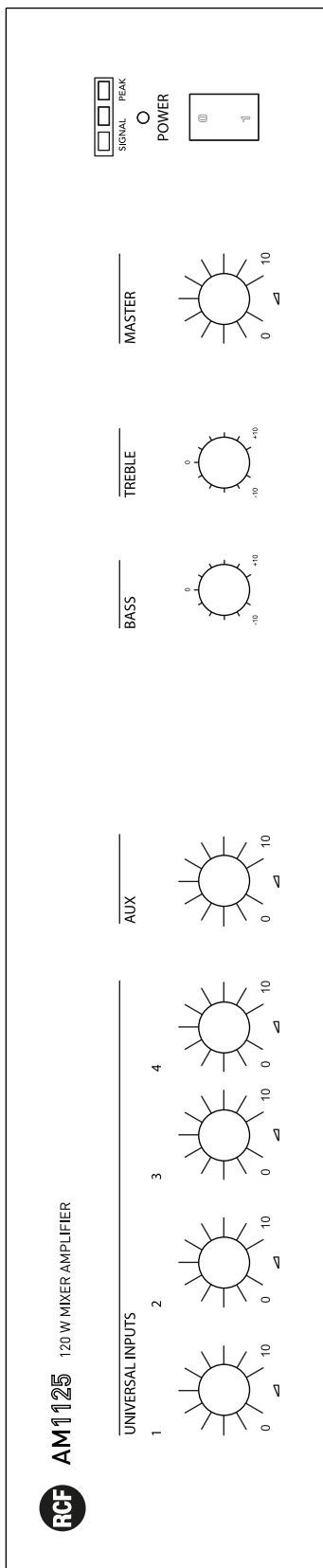
MAIN APPLICATIONS

- Restaurants
- Boutiques
- Pubs
- Beauty centres
- Markets
- Hotels
- Office buildings
- Medical centres



AM 1125

FRONT PANEL & REAR PANEL

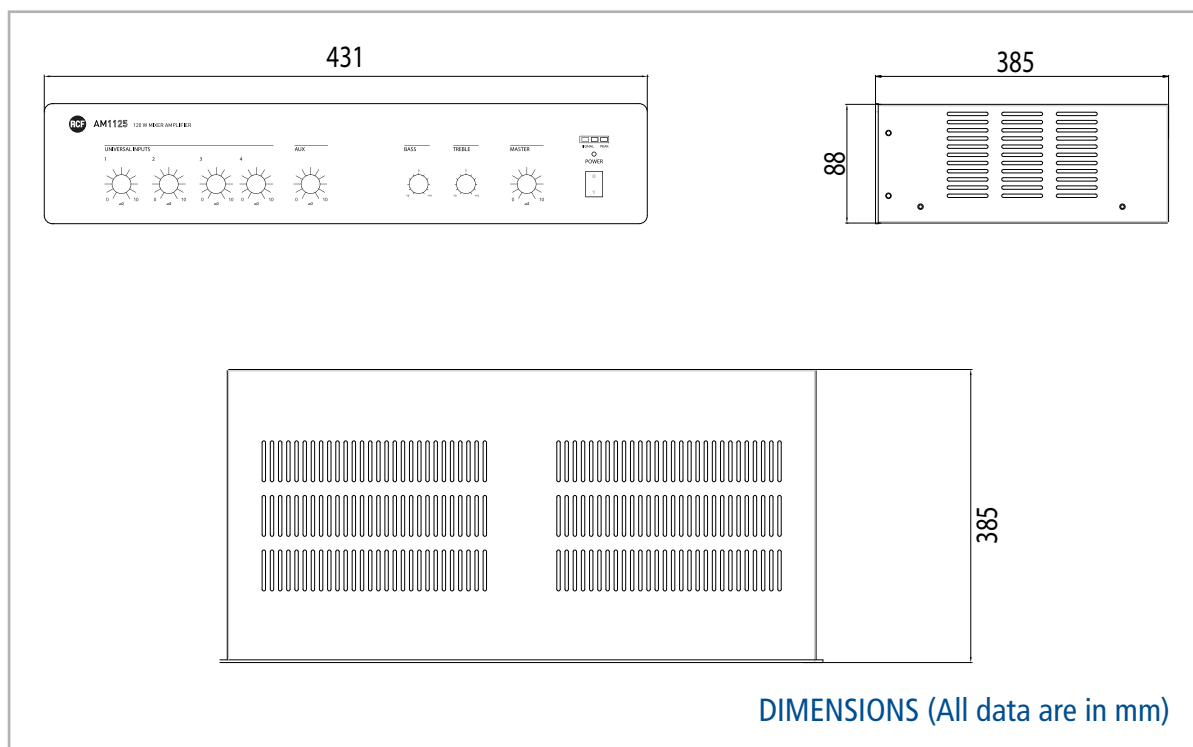


AM 1125

PART NUMBER

121.35.082

1.0-J-E



Amplifier Type	Analogue
Max. Output Power	120 W
Frequency Response	MIC: 60 Hz ÷ 15 kHz LINE / AUX: 50 ÷ 15 kHz
Distortion (At Max. Power)	< 1.5%
Mic / Line Input Sensitivity	MIC: 1.5 mV (– 54 dBu) LINE: 200 mV (– 12 dBu)
Mic / Line Input Impedance	600 Ω (balanced)
Aux In Sensitivity	200 mV (– 12 dBu)
Aux In Impedance	10 kΩ (unbalanced)
Main In Sensitivity	1 V (+ 2 dBu)
Main In Impedance	10 kΩ (unbalanced)
Amplifier Output To Loudspeakers	100 V (83 Ω) – 70 V (42 Ω) – 4 Ω
Pre Out Level	1 V (+ 2 dBm)
Pre Out Impedance	600 Ω (unbalanced)
Input 1 'Phantom' Power Supply	> 18 V dc(max. 20 mA)
Leds	blue: power on green: – 20 dB signal orange: – 9 dB signal red: 0 dB signal (peak)
Power Supply	115 V / 230 V ~, 24 V dc
Max. Consumption	350 W
Operating Temperature	–10 ÷ +45 °C (+14 ÷ +113 °F)
Dimensions (W, H, D)	431 mm, 88 mm, 385 mm (19" rack - 2 units)
Net Weight	12 kg



www.rcf.it