

UP 4240

POWER AMPLIFIER

DESCRIPTION

UP 4240 is a 240 W amplifier having 2 audio inputs. The MAIN INPUT has a gain selector (MIC, MIC with PHANTOM power supply, LINE) and can have priority through a contact or the automatic signal detection (VOX function). The MAIN INPUT priority function entails the AUX INPUT attenuation (without priority, the 2 inputs are mixed together). AUX INPUT has 'line' gain for audio signals coming from preamplifiers, music sources (e.g. CD / MP3 players, tuners, etc.). The loudspeaker output is available for either a low impedance (min. 4 Ω) connection or a 100 – 70 V constant voltage line (for loudspeakers having matching transformers). BASS and TREBLE tone controls are available on front panel, as well as LEDs to indicate its operation (ON), protections (PROTECT) and audio signal level.



FEATURES

- 240 W power amplifier
- Suitable for the distribution of music and announcements
- Amplifier output available both for 100 / 70 V constant voltage lines and low impedance loudspeakers (min. 4 Ω)
- Input for the secondary 24 V DC power supply
- MASTER volume and tones BASS and TREBLE control on front panel
- Main power plug with fuse
- Main power voltage selector 230V / 115V
- LEDs indicating audio signal level on front panel

TECHNICAL SPECIFICATIONS

Amplifier specifications

Number of channels:	1
Power output per channel (@ 4 ohm):	240 W RMS
Power output (@ 100 V):	240 W RMS
Frequency Response (-3dB):	60 Hz ÷ 15 kHz
Distortion (THD+N) @ 1 kHz nominal power:	<1 %

Input section

Total number of inputs:	2
Balanced:	1
Unbalanced:	1
Mono:	1
Stereo:	1
Line inputs:	1
Line connectors:	RCA
Mic+Line inputs:	1
Mic+Line connectors:	Euroblock
Mic+Line Phantom:	20 V DC
VOX:	Yes

Output section

Signal output number:	1
Signal output connectors:	RCA
Power output connectors:	Euroblock

Processing

Tone controls:	Yes
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Controls

Configuration:	DIP switch, Front panel
Priority:	Yes

Protections

Cooling:	Convection/Forced
Short circuit:	Yes
Thermal:	Yes
DC:	Yes
Fuses:	Yes

Power requirement

Operating voltage:	220-240/115 V- 50/60Hz
Voltage selection:	External
DC power:	Yes
DC power value:	24 V
Power consumption:	720 W

Standard compliance

CE marking:	Yes
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**Physical specifications**

Cabinet/Case Material:	Metal
Color:	Black
Rack mounting:	19", 2U

Size

Height:	88 mm / 3.46 inches
Width:	431 mm / 16.97 inches
Depth:	385 mm / 15.16 inches
Weight:	11.4 kg / 25.13 lbs

Shipping informations

Package Height:	180 mm / 7.09 inches
Package Width:	420 mm / 16.54 inches
Package Depth:	480 mm / 18.9 inches
Package Weight:	12.75 kg / 28.11 lbs

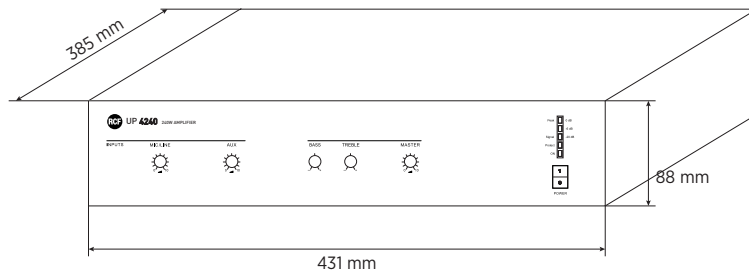
PART NUMBER

- **12135073**

UP 4240

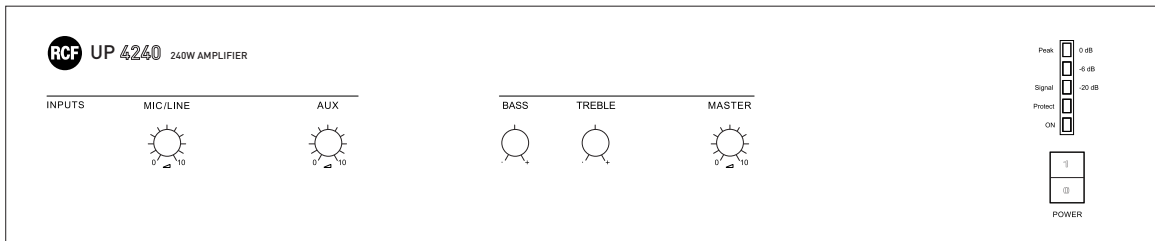
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DRAWINGS



PANELS

Front panel



Rear panel

