

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	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
Configuration and control	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	Safety agency:	CE compliant
Physical specifications	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 information**

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

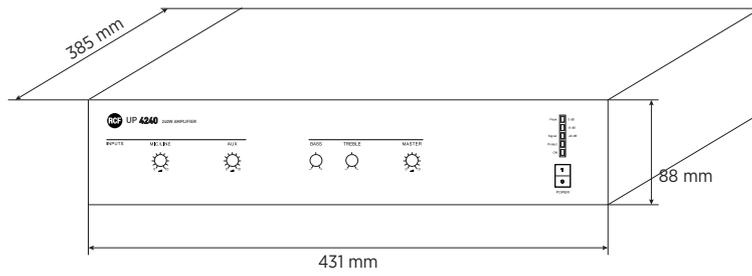
PART NUMBER

- **12135073**

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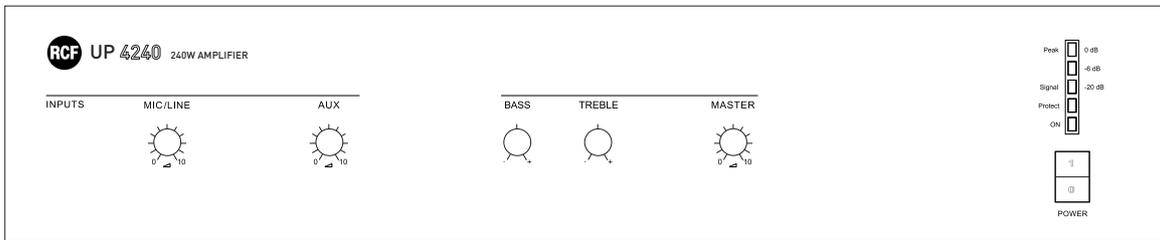
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DRAWINGS



PANELS

Front panel



Rear panel

