

# UP 8504

## POWER AMPLIFIER

### DESCRIPTION

The UP 8500 series power amplifiers are designed with an innovative RCF power supply and amplification technology. The full digital technology allows merging extremely high efficiency both with AC and DC power supply, pro audio quality reproduction and compactness. All UP 8500 series power amplifiers are certified according to EN 54-16 standard in combination with DXT 7000 Voice Alarm system.



### FEATURES

- 4 x 125 W power amplifier
- 2 inputs per channel
- Dual AC and DC power supply
- Priority circuit
- No output lines transformers
- Status LEDs on front panel

## TECHNICAL SPECIFICATIONS

### Amplifier specifications

Amplifier Class:	D
Number of channels:	4
Power output (@ 100V):	500 W RMS
Frequency Response (-3dB):	40 Hz ÷ 16 Hz
Signal/noise rate ("A" weighted)	>86 dB
Crosstalk	<60 dB
Distortion (THD+N) @ 1 kHz nominal power:	<0.3 %

### Input section

Total number of inputs:	8
Balanced:	8
Mono:	4
Stereo:	4
Line inputs:	8
Line connectors:	Euroblock
General Purpose Inputs (GPI):	6

### Output section

Power output connectors:	Euroblock
General Purpose Outputs (GPO):	1

### Controls

Configuration:	DIP switch, Front panel
Priority:	Yes

### Protections

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

### Power requirement

Operating voltage:	220-240/115 V- 50/60Hz
Voltage selection:	Internal
DC power:	Yes
DC power value:	48 V
Power consumption:	800 W

### Standard compliance

EN54-16 certified:	Yes
CE marking:	Yes
CPR number:	1438-CPR-0241

### Physical specifications

Cabinet/Case Material:	Metal
Color:	Black,
Rack mounting:	19", 1U

### Size

Height:	44 mm / 1.73 inches
Width:	482 mm / 18.98 inches
Depth:	375 mm / 14.76 inches
Weight:	5.4 kg / 11.9 lbs



**Shipping informations**

Package Height:	170 mm / 6.69 inches
Package Width:	575 mm / 22.64 inches
Package Depth:	480 mm / 18.9 inches
Package Weight:	7.4 kg / 16.31 lbs

**PART NUMBER**

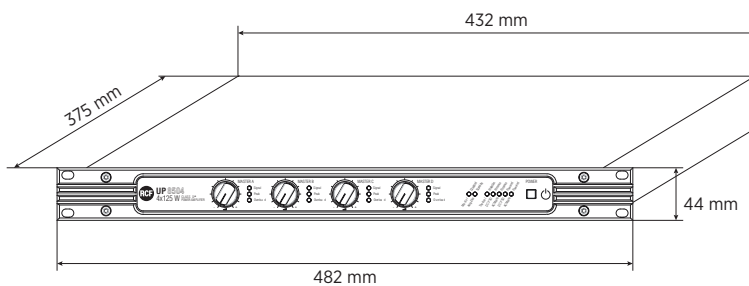
• **12135100**

UP 8504  
115V  
EAN 8024530010881

• **12135079**

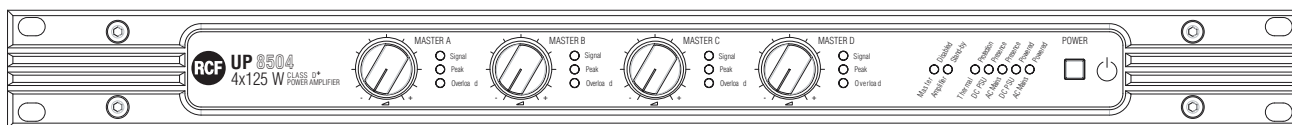
UP 8504  
220-240V  
EAN 8024530007324

**DRAWINGS**



**PANELS**

Front panel



Rear panel

