UP Series power units
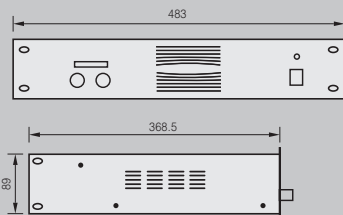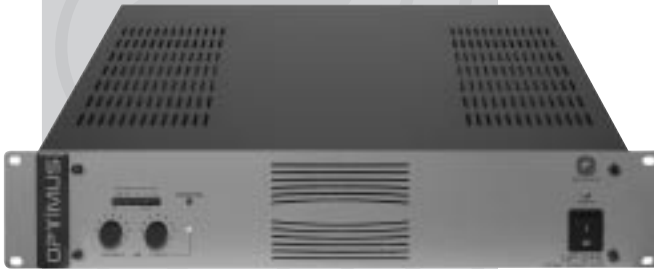

This series consists of 4 power units, with power ratings of 60, 120, 240 and 360 W RMS, for output lines of 100V, 70V, 50V or low impedances (4, 8 and 16 Ω).

All the models have program and priority inputs and outputs (0 dBu and 600 Ω), with independent volume controls and priority paging function.

They also include built-in pagings security relay to manage the attenuators which exist in the installation (of 3 or 4 wires).

As security features, these series 6 models have built-in thermal protection circuits against over-loading and loudspeakers line short-circuit as well as built-in fail relay which is activated when the protection operates or when the amplifier mains power supply fails. Moreover, this series power units can integrate more complex PA/VA systems by means of a built-in surveillance RJ connector, for loudspeakers lines surveillance and functioning through external devices.

SPECIFICATIONS

	UP-66	UP-126	UP-246	UP-366
Power supply	Mains: 230 V.a.c., Battery: 50 ÷ 60 Hz / 24 V.d.c.			
Consumption	Standby: 16 VA; Rated output : 138 VA	Standby : 7,5 VA; Rated output : 253 VA	Standby : 9,2 VA; Rated output: 460 VA	Standby: 16 VA; Rated output: 736 VA
Nominal power rating (RMS)	60 W	120 W	240 W	360 W
I.H.F. power	82 W	162 W	312 W	482 W
Total Harmonic Distortion	< 0,5% (1 kHz)			<0,65% (1 kHz)
Frequency response (± 3 dB)	50 ÷ 18.000 Hz			
Signal / noise ratio	> 80 dB			
Inputs sensitivity	1 Program (0 dBu / 775 mV) and 1 Priority (0 dBu / 775 mV)			
Maximum input signal	6 V (program and priority)			
Outputs	Loudspeakers: 100 V, 70 V or 50 V line ; for 4, 8, or 16 Ω			
	Program (0 dBu); Priority (0 dBu)			
Adjustments	Program and priority volume			
Fans activation temperature	95ºC	110ºC		
Dimensions (mm)	483 (width) x 89 (height) x 368.5 (depth)			
Rack units	2			
Weight	8.6 kg	10 kg	13.6 kg	15.7 kg
Finishing	Front panel in metallic blue painted iron and cover in black painted iron			
Remarks	Includes security paging relay			