



APart

APart PR1000R

PROFESSIONAL RDS AM/FM TUNER



The PR1000R is a professional AM/FM RDS tuner. The unit has a brushed aluminum front, and is loaded with professional features. It is easy to integrate in rack mounted professional audio distribution systems, stereo HiFi systems, multi-room audio systems and computer controlled audio systems. The RDS information is available via the serial port.

This tuner can be controlled by RS232 and infrared, and comes with an IR handheld remote and FM antenna . For professional use, removable 19-inch rack ears are included.

The PR100R has an output attenuator on the rear panel, and galvanically separated antenna and RS-232 connectors. The RDS function offers information about program type, song name identification and radio station identification.

The PR100R is highly recommended for use with Concept1 . It has an attractive clear dot matrix gas display, a very low power consumption and it is designed for 24/7 reliability. Best of all : this unit will convince your customers to choose a professional system and avoid cheap, unreliable consumer HiFi sets !

TECHNICAL SPECIFICATIONS

FM tuning range	87.5 - 108 MHz
Presets	40
AM tuning range	522 - 1611 kHz
FM sensitivity (26 dB S/N) @ 75 ohm unbalanced	1.1 μ V
AM sensitivity (26 dB S/N)	38 μ V
FM channel selectivity (200 kHz)	50 dB
FM channel selectivity (400 kHz)	70 dB
Audio S/N ratio FM	> 78 dB
Audio bandwidth \pm 1.5 kHz	30 - 15 kHz
THD	<0.1%
Stereo separation	>50 dB @ 1 kHz
Power supply	230 VAC/50 Hz
Power consumption	max 10 VA
Power consumption standby mode	1 watt
Rack ears	included - removable



Adjustable audio output level
Galvanically separated antenna and RS232 connectors
Active FM antenna signal buffer
Tuner with adaptive noise suppression

Dimensions L x W x H 484 (430) x 270 (245) x 44 mm

Weight 2.8 kg

Included accessories:

Mains power cable, printed manual, RS232 and infrared specifications, infrared control unit, FM wire antenna, AM loop antenna (PR1000R only).