

Model T118: AM/FM RDS Tuner

*Innovative tuner with
crystal-clear performance on AM and FM waveband*



The T118 AM/FM RDS Tuner is a AM/FM stereo tuner designed to provide broadcast program material for background and foreground music systems. Featuring a clean, uncluttered look with easy and intuitive control, the T118 provides outstanding performance and sound quality with superb sensitivity and stability.

The large front panel LCD display provides information like memory preset, tuning mode and frequency band. The T118 offers 32 memory presets which can be divided as desired between AM and FM stations. The automatic up or down station scan control can be used to select the next preset or frequency. In addition, manual station tuning is also possible.

For selecting stations without referring to any frequencies, the T118 automatic preset tuning function which automatically scans from the lowest frequency of the band selected. As it scans, it will automatically enter the first 20 stations it encounters for both the AM and FM bands. The result is automatic programming of all memory presets.

The unit's CAT5 connection, carrying the RS232 information, enables a smooth integration it into any preamp/ keypad system including RDS feedback.

The chassis measures 6" x 4" x 1.5" and key-slots for attachment to attic beams. For consumers wanting local control of the tuner functions the unit includes the option to connect a IR sensor.

Included with the tuner is a FM dipole antenna, AM loop antenna and stereo RCA cable.

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FEATURES AND SPECIFICATIONS: T118 AM/FM RDS Tuner

- Housed in an elegant silver-coloured aluminium chassis
- Chassis includes a LCD panel for frequency identification
- Chassis includes key slots for easy attachment to attic beams or other locations
- Includes both a AM and FM antenna
- Includes 12 volt power supply
- CAT5 connection enables the transfer of the RS232 information including RDS feedback. (Cable included)
- Can be easily integrated into any whole house keypad system
- Can be used locally using its front panel buttons or remotely via either RS232 or via any IR extender system.
- IR hex codes and RS232 protocol available
- All necessary accessories included:
 - RS232 cable
 - IR sensor adapter cable
 - Stereo RCA cable
 - Power supply
 - FM and AM antenna
- Optional credit-card sized remote control



Specifications

FM

Frequency Range:	88 to 108MHz (US) 87.5 to 108MHz (EU)
Antenna Input Impedance:	75 ohm
Usable Sensitivity @30dB S/N:	- 5 dBu (typically)
Signal/Noise ratio	- Mono 62 dB - Stereo 55 dB
THD(1kHz)	- Mono 0.2 % - Stereo 0.4 %
Image Rejection:	79 dB
Frequency Response:	400 to 8kHz
Stereo Separation:	33 dB
Capture Ratio:	2 dB

AM

Frequency Range:	530 to 1700kHz (US) 525 to 1605 (EU)
Usable sensitivity:	23 dBu
IF rejection:	90 dB
Selectivity:	100 dB
Distortion:	0.5% (typically)
Signal/Noise ratio:	50 dB
Frequency Response:	50Hz to 3kHz
Power requirement:	12VDC 300mA
AC voltage for Power supply:	
USA/Canada	120V, 60Hz
Europe	230V, 50Hz

Dimensions:

6" (153mm) deep x
4" (102mm) wide x
1-1/4" (32mm) high

(excl. Rack mount adapter. The rack mount adapter is optional available, art# 1U3T1XXRM.)

