

T100 AM-FM Tuner

Sherbourn's core philosophy of creating innovative technology is again exemplified in its remarkable T100 AM/FM tuner.

Whilst acknowledging the value of Satellite Tuners, Sherbourn contends that consumers wanting local sports or talk radio programs still need to use an AM band with its traditionally mediocre reception due to the fact that the AM signal is particularly susceptible to interference from adjacent electronic equipment.

The T100 tuner has a twelve volt power supply, effectively acts as its own AM/FM antenna, and offers the option of remotely locating the unit away from any interference resulting in a significant improvement in performance. The unit's CAT5 connection, carrying the RS232 information, enables a smooth integration it into any preamp/ keypad system. In addition to giving keypad-access to selected AM or FM stations, the T100 will automatically seek and store the strongest stations in each geographic listening area. The chassis measures 6" x 4" x 1.5" and includes a front panel LED frequency read-out and key-slots for attachment to attic beams. For consumers wanting local control of the tuner functions the unit includes an IR sensor and a hand-held remote control.



T100 Tuner with Remote



Break-out Box

SPECIFICATIONS: T100 AM-FM Tuner

AM:

Frequency range	530KHz to 1700KHz
Usable sensitivity	23 dBu
IF rejection	90 dB
Selectivity	100 dB
Distortion	0.5%
Signal to noise ratio	50 dB
Frequency response	50Hz to 3KHz
Power requirement	12VDC 300 mA
AC voltage for power supply	USA/Canada:120V, 60Hz Europe: 230V, 50Hz

FM:

Frequency range	88MHz to 108MHz
Antenna input impedance	75 ohms
Usable sensitivity	@30 dB S/N-5 dBu
Signal to noise ratio	Mono 62 dB-stereo 55 dB THD (1KHz)- Mono 0.2%-stereo 0.4%
Image rejection	79 dB
Frequency response	40Hz to 12KHz
Stereo separation	33 dB
Capture ratio	2 dB
Dimensions	4" W x 1.25" D x 6" H
Carton weight	4 lbs.

SHERBOURN TECHNOLOGIES, INC.
19-3A Sterling Road
North Billerica, MA 01862 USA
Tel 978.663.7385 Fax 978.663.7389
www.Sherbourn.com