

RX8TD

ORDER CODE: PA-RX8TD

UHF 100 FREQUENCY 2-WAY SYNC. TRUE DIVERSITY WIRELESS RECEIVER MODULE



Features

- Patented IrDA technology for 2-way sync between transmitter and receiver.
- UHF synthesised true diversity for highest quality and dropout-free reception.
- Helical Filter RF front end ensures high selectivity.
- Excellent IF design delivers high image and spurious rejection.
- Anti-interference Pilotone circuit.
- RF noise squelch circuit.
- LCD for easy adjustment. Displays channel, frequency, RF level, AF level, antenna selection and transmitter battery level.
- Balanced and unbalanced audio output.
- 20-pin connection for easy installation.

Specifications

Model	RX8TD
Frequency range	UHF 520-675MHz (3 available bands)
Switching bandwidth	Up to 25MHz
Switchable frequencies	100
Display screen	LCD
Oscillation	PLL Synthesised
Frequency stability	±0.005%
Frequency scan	Yes
Receiving method	True Diversity
2-way synchronisation	Yes
Sensitivity	-100dBm at S/N ratio > 80dB
Image rejection	> 85dB
Spurious rejection	> 85dB
S/N ratio	> 110dB
Peak deviation	±40KHz
T.H.D.	< 0.5%
Audio outputs	Unbalanced: +4dBm (1.25V) Balanced: +10dBm (2.5V)
Squelch	RF noise squelch & Pilotone squelch
Power supply	DC 12V
Weight (g)	102
Dimensions (mm)	73 (W) x 36 (H) x 138 (D)
Matched transmitters	Handheld: HH6100 Belt-pack: BP6100
Matched amplifiers	MA4200
Matched receivers	M4000, M2000

* **NOTE:** The above specifications are subject to change without prior notice.