RD-7500

VHF

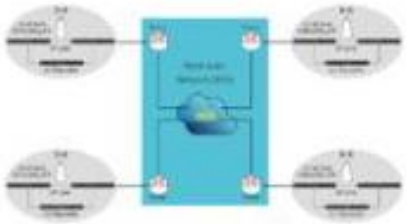
The 1U analog & digital dual-mode repeater supports analog and digital dual working modes, adopts inner looping fans, and adopts fully modularized design. It can get into operation immediately after equipped with duplexer and antenna.
With rugged mechanism, good shielding and excellent heat dissipation
Adopts LCD display, showing the real-time working statuses, RX field intensity and TX power of the transceiver
Easy switch between AC and DC power supply
Ultra-thin size, easy to carry and move
Be able to initiates a call to radios by speaker microphone, easy to operate and use

- There will be audio out when repeater connect to an external speaker via CTCSS jack
- TP link
- 45W ultra-high power to cover long range
- 1-45W output power adjustable

www,TYTeg.com

Main function

- Power on to enter to preset channel
- Dormancy time setting
- Channel hang time
- Private/group/all call
- Emergency call
- Message
- Radio check
- Remote monitor
- Radio kill/activate
- Encryption
- CTCSS/DCS
- Upgrade
- Programming protection
- Microphone MIC gain level setting
- Repeater MIC gain level setting (only support analog mode)
- TOT
- High temperature alarm
- Transmitting/receiving unlock alarm
- transmitting time preset
- 12.5/20/25kHz bandwidth selective
- Squelch level adjustable
- End-tone elimination
- Analog mode scan



General	
Frequency range	[illegible]
Channel capacity	[illegible]
Channel spacing	[illegible]
Working voltage	
Current	[illegible]
Frequency stability	[illegible]
Antenna impedance	[illegible]
Working temperature	[illegible]
Storage temperature	[illegible]
ESD	[illegible]
Receiving	
Sensitivity	[illegible]
Adjacent channel selectivity	[illegible]
Spurious response rejection	[illegible]
Block	[illegible]
Signal to noise ratio	[illegible]
Rated audio distortion	[illegible]
Audio response	[illegible]
Residual spurious emission	[illegible]
Transmitter	
Output power	[illegible]
FM modulation	[illegible]
4FSK digital modulation	[illegible]
Modulation limiting	[illegible]
FM noise	[illegible]
Adjacent channel power	[illegible]
Audio response	[illegible]
Rated audio distortion	[illegible]

Standard accessory

Power cable*1

Optional accessories

Duplexer*1

Antenna*1

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