

2KW Digital TV Transmitter

YXHT-DTV2KW



Car baking paint is used on the surface of the chassis. It is bright and beautiful. The frame is made of aluminium alloy, and the internal structure is made of stainless steel. It is corrosion-resistant and rust-proof.

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5 sets of power supply, each set of power supply of 2500W. Plug type, convenient and quick for replacement.



Four direct current fans, plug type, large air volume, good cooling mode, convenient and quick for replacement. Made of 304 stainless steel, suitable for long-term use in humid areas, corrosion resistance and rust resistance.

Features:

Supported Standards DVB-T,DVB-T2,DVB-H,DTMB,ATSC,ISDB-T

All solid-state digital TV transmitter, bandwidth is 6-8MHZ.

Pre-distortion correction, dual-exciters switch automatically.

High Linearity LDMOS Power Amplifier, high-gain power amplifier module, parallel switching power supply, it is a high-efficiency transmitter.

Telemetry and remote control by computer, web-based interface and software.

Good man-machine interface, full automatic switch the machine with one key.

Multi protection (over voltage, over current, overheating, large standing-wave ratio ...)high reliability, 24 hours continuous works.

Professional High Reliability Digital 2KW TV Transmitter

Module design

MCU controlled

RS485/232 interface

Professional performance

12.1-inch color LCD with touch panel

High reliability

low price

Technical Specifications:

1. Working frequency: UHF 13-48 channel arbitrary choice
2. Channel bandwidth: 8MHz
3. Output power: 2KW
4. Output impedance: 50Ω
5. Output interface: Φ40
6. Output load return loss:Normal operation: -32dB, Allowed operation: -20dB
7. Power input level: 0dBm
8. Amplifier input impedance: 50Ω
9. Amplifier input interface: L16
10. Useless transmission: ≤-60dB
11. Band fluctuations:±0.5dB
12. Band shoulder: better than 36dB
13. MER: better than 30dB
14. Size: 1860mm×560mm×900
15. Weight: 150KG