



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.

3KW FM Transmitter

YXHT-FM3KW





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.

3KW FM Stereo Transmitter

YXHT-3KW is an excellent FM stereo transmitter for professional radio stations. It is reliable and high Performance. All in one 1meter rack, compact design. It uses Digital Signal Process (DDS+DSP)Technology, high reliability switch power supply modules. It consists of center control module, Dual-Exciters, 4pcs 1KW FM amplifier modules, a perfect BPF.

Features:

- 1.Hearing similar to CD
- 2.The 3KW Power Amplifier is Installed in one 3U 19inch rack.
- 3.4pcs 1KW RF power modules inside. Total output power is extremely stable thanks to AGC (Automatic Gain Control).
- 4.Compact Design, small size 5.Digital 100W exciters (DSP+DDS).
- 6.Analog and digital (AES/EBU) audio signal input directly.
- 7.12.1-inch Color LCD with touch panel displays all the parameters in real time.
- 8.Intelligent protection functions by centre control module, like over PF, over SWR, over Temp, Over V, Over I.
- 9.TCP/IP/RS232 Communication interface ready for remote system.

Technical Specifications:

- 1.Frequency Range: 87.0MHz~108.0MHz
- 2.Frequency Setting step: 10KHz
- 3.Carrier Frequency precision: ± 200 Hz
- 4.Residual Wave Radiation: ≥ 67 dBc
- 5.Audio Input Impedance: 600 Ω , Balance (for analog) 110 Ω , Balance (for digital AES/EBU)
6. Stereo Separation: 50dB(30Hz~15KHz)
7. Audio Input Level: ± 10 dBm,step 0.01dB
8. S/N: ≥ 75 dB(30H~15kHz,100%)
9. Audio Harmonic Distortion: $< 0.1\%$
10. Audio response: ± 0.1 dB(30Hz~15KHz)
11. Output Load Impedance: 50 Ω
12. Output Power: 0~3000W adjustable
13. Pre-emphasis: 0 μ S,50 μ S,75 μ S
14. Deviation: ± 75 kHz
15. Pilot Frequency: 19 kHz ± 1 Hz Pilot Signal Modulation: 8%~10%
16. Sub-carrier Suppression: ≥ 65 dB
17. RF Output Interface: 7/8" or 1-5/8" Flange
18. Size:105cm X57cmX156cm
19. Weight: 150KG