

YXHT 3000W FM Transmitter



Details Images





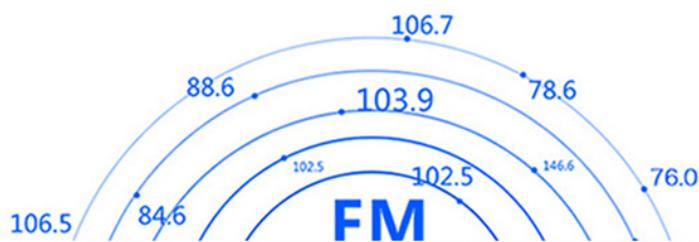
DSP Technology (Digital Sound Processing)

makes the YXHT FM transmitter an enjoyable sound broadcasting device for all music lovers, you will no longer be bothered by the noises or distortions.



The transmitter implements digital FM modulator module as its core, combining with RF power amplifier. In the transmitter, DSP&DDS are used to execute all-digital processing, such as digital filtering, pre-emphasis, the generation of pilot frequency, stereo coding and FM modulating. A AGC circuit is used to keep the set power stable.

High performance and very good reliability has been proved by the large usage of HTF-3000W transmitters. Also it is low cost and small size.



MATTE ALUMINUM ALLOY MATERIAL

High heat dissipation performance, Corrosion resistance

The panel adopts wire drawing technology, Exquisite and Beautiful

The button is cylindrical design and feels comfortable

Technical Specifications :

1. Frequency Range: 87.5MHz~108 MHz
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. Separation: 60dB Pilot Signal Modulation: 8%~10%
7. Audio Input Level: ± 10 dBm, step 0.01dB
8. S/N: ≥ 75 dB (30Hz~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: 3000W
13. Pre-emphasis: 0 μ S, 50 μ S, 75 μ S
14. Deviation: ± 75 kHz
15. Pilot Frequency: 19 kHz ± 1 Hz
16. Sub-carrier Suppression: ≥ 65 dB
17. RF Output Connector: 7/8" or 1-5/8" Flange
18. Size: 750mm*480mm*220mm
19. Weight: 66KG

YXHT 3000W FM Transmitter

HTF-3000W



School Broadcast



Church Broadcast



Broadcast Room



Park Broadcast



Hotel Broadcast



Factory Broadcast

Features:

1. Hearing similar to CD
2. The 5KW Power Amplifier is Installed in one 5U rack.
3. 6 pcs 1KW RFpower modules inside. Total output power is extremely stable thanks to AGC (Automatic Gain Control).
4. Compact Design, small size
5. Digital 30W exciters (DSP+DDS).
6. Analog and digital(AES/EBU) audio signal input directly.
7. Intelligent protection functions by centre control module, like over PF, over SWR, over Temp, Over V, Over I.
8. TCP/IP/RS232 Communication interface ready for remote system.

Warranty: 6 years for all transmitters in our factory.



We are original manufacturer specialized in professional FM & TV transmitters, Antennas, Digital audio equipments, etc. We are serving thousands of Radio & TV stations all over the world. Also we do ODM or OEM for companies all over the world. We are using advanced technology in all products. Our products are all high performance, high reliability and reasonable price.

The Certificates



CE



ISO



FCC