

# 500W FM Transmitter

YXHT-FM500W





## Packaging & Delivery

Packaging Details Export Wooden Boxes Port Dalian

Lead Time : 10~20 days after received the 30% deposit New Professional 500W FM Broadcast Transmitter

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 YXHT-FM500W transmitters. Also it is low cost and small size.

### Features:

Hearing similar to CD

All-digital technologies DSP+DDS Built-in audio signal limiter

Analog and Digital (AES/EBU) audio signal input directly. AGC circuit can keep the Output Power stability.

Big LCD display all the parameters in real time. Communication Interface by RS232 for remote

Five kinds of protections for the security Compact structure

Stainless steel cabinet

### Technical Specifications :

- 1.Frequency Range:87.0MHz~108 MHz
- 2.Frequency Setting step:10KHz
- 3.Carrier Frequency precision:±200Hz
- 4.Residual Wave Radiation:≥65dBc
- 5.Audio Input Impedance:600Ω,Balance
- 6.Separation:60dB Pilot Signal Modulation:8%~10%
- 7.Audio Input Level:±10dBm,step 0.01dB
8. S/N:≥75dB(30H~15kHz,100%)
9. Audio Harmonic Distortion:<0.05%
- 10.Audio response: ±0.05dB(30Hz~15KHz)
- 11.Output Load Impedance:50Ω
- 12.Output Power:500W
- 13.Pre-emphasis:0μS,50μS,75μS
- 14.Deviation:±75kHz
- 15.Pilot Frequency:19 kHz±1Hz
- 16.Sub-carrier Suppression:≥65dB
- 17.RF Output Connector: 7/16'(female)or7/8'Flange
- 18.Size:460mm\*480mm\*88mm
- 19.Weight:15KG