

# 1000W FM Transmitter



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## Product Description

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. Sub-carrier Suppression:	≥65dB
8. Audio Input Level:	±10dBm, step 0.01dB
9. S/N:	≥75dB(30H~15kHz, 100%)
10. Audio Harmonic Distortion:	<0.05%
11. Audio response:	±0.05dB(30Hz~15KHz)
12. Output Load Impedance:	50Ω
13. Output Power:	0~1000W
14. Deviation:	±75kHz
15. Size:	460mm*480mm*88mm
16. Weight:	15KG

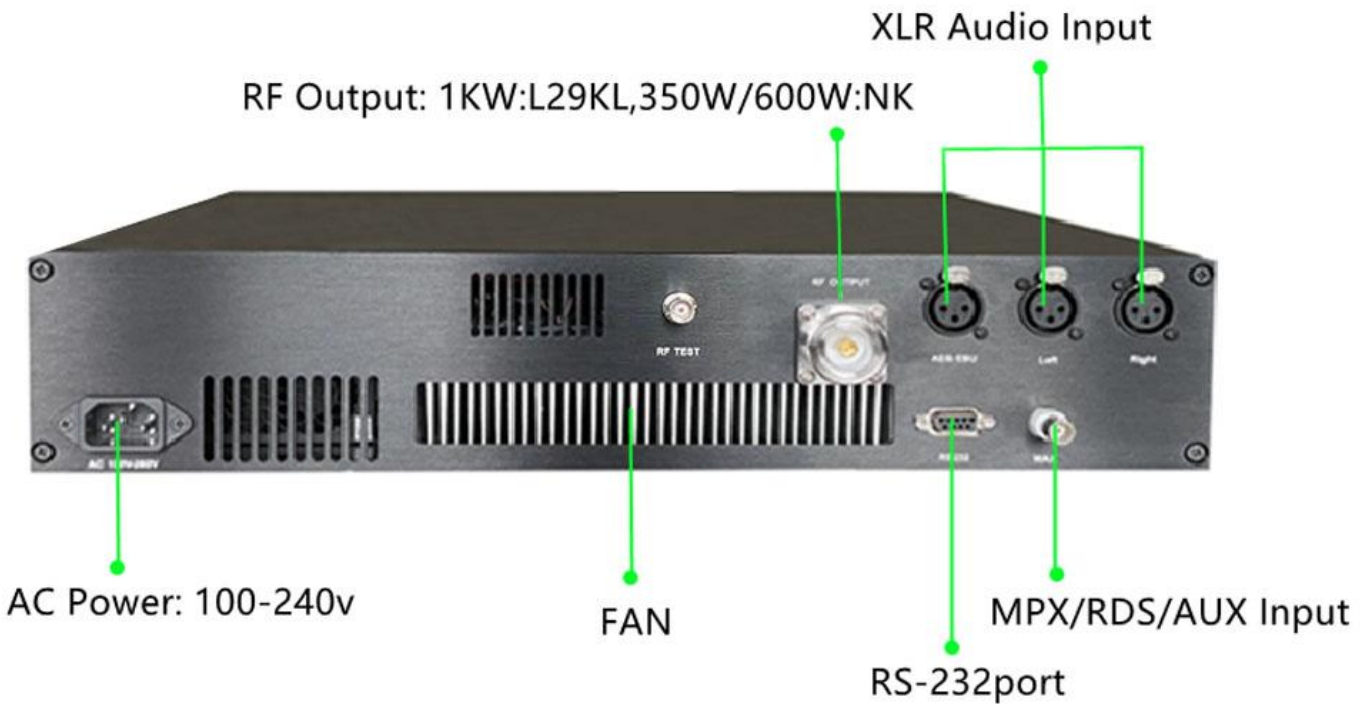
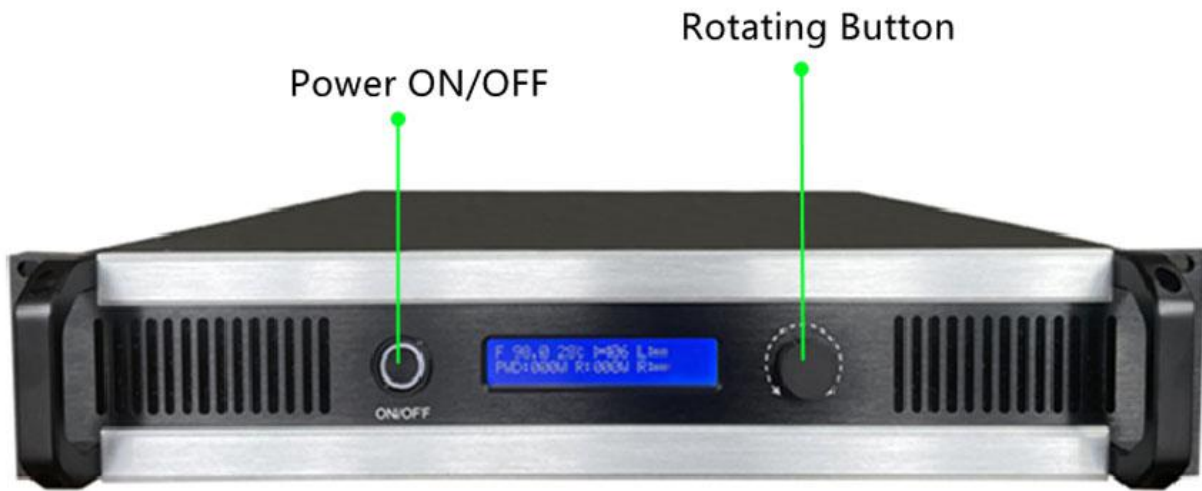
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## Overview

The DSP (Digital Sound Processing) technology makes the RS- FM1000W FM transmitter an enjoyable sound broadcasting device for all music lovers, you'll no longer be bothered by the noises or distortions.

As quality assurance, RS RADIO Provides 5 YEAR warranty for this professional broadcast transmitter, you'll have no worries to use it for the radio station.



## Frequently Applicable Uses:

- 1). Community Radio stations
- 2). LPFM radio stations
- 3). City radio stations
- 4). Christian Church radio stations

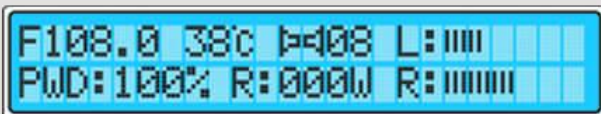




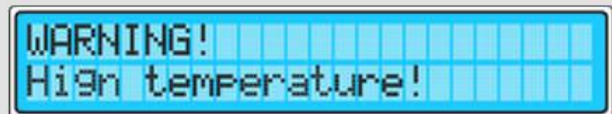
1.The frequency can be adjusted by rotating knob left/right from 87.5MHz to 108MHz, the step is 100 KHz.



2.The RF power can be set by turning the knob left/right from 0~50/150/500/1000Watts. Step is 0.1W others step is 1W.



3.The volume can be adjusted by rotating left/right to increase/decrease. The volume range is 0-14.



4.Temperature/ SWR protection



## Professional FM Transmitter



RF amplifier uses NXP LDMOS transistor BLF188XR, making it able to withstand severe load mismatch of more than 65: 1 VSWR at 5dB compression point.



## Features

### **1.Primary Application:**

high quality at a very attractive price.Ideal for use as transmitters in stand-alone applications.Adjustable power output from 10 to 100%.

### **2.Reliability/Continuity:**

APC (Automatic Power Control) and Foldback protection ensure reliable operation under any operating conditions.

### **3. Audio Performance:**

low distortion and intermodulation values and a high noise/signal ratio.

### **4.Operating Efficiency:**

Incorporate a PFC (Power Factor Corrector) power supply, that provides the utmost efficiency for enhanced energy saving and environmental protection, which added to LD-MOSFET technology ensure high efficiency, better than 70% across the bandwidth.

### **5. Ease of Maintenance:**

advanced module engineering ensures extreme of access and simple maintenance. Includes an high performance air filter. The power supply is plug-in type, easily removable.

### **6.Interface Control:**

Total control thanks to microprocessor easily programmed from menu with all key parameters displayed on LCD.



**7. Input/Output Interface:**

Built-in high-performance stereo coder, L&R analogue audio inputs, Mono inputs, MPX composite signal and auxiliary inputs for SCA / RDS signals. TOSLINK, AES/ EBU digital audio inputs are available as an option.

**8. Remote Control:**

Built-in telemetry system via GSM modem or via WEB/SNMP (option).

**9. Regulatory Compliance:**

State-of-the-art technology in full compliance with EC, FCC and CCIR standards.

**Outstanding Features:****1) OVERHEAT PROTECTION:**

The transmitter will switch to auto-protection with alarm message and a beep sound once the working temperature gets higher than normal range.

**2) OVER SWR PROTECTION:**

SWR is the indication of antenna system connection with transmitter. Once the connection is bad and causing a high SWR Value, the transmitter will switch to automatic protection mode by showing alarm message on the screen with a beeping sound meanwhile.

**3) FAN ERROR ALARM**

When the fan stops running, the alarm message will be displayed on the screen

**4) ADJUSTABLE POWER OUTPUT :**



## Payment and shipping

### Payment



- Standard payment terms: pay30% deposit in advance, 70% balance before shipment.
- Online trade assurance order, all is up to you.
- More payment terms could be provided (T/T, PAYPAL, western UNION)

### Shipping

- It take about 3-10 workdays to arrive your address by DHL , TNT, FXDEX.And it take about 25-35 workdays to arrive your address by sea.
- Professional goods shipping forwarder

