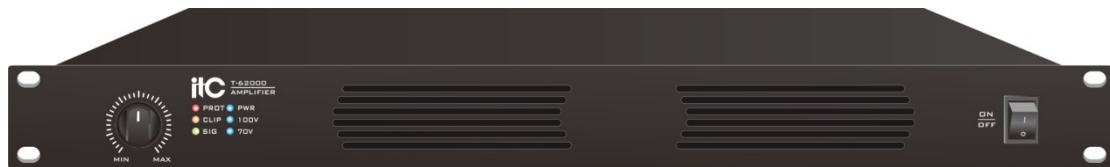


# High power pure post broadcast amplifier

## T-62000



### Product use

Broadcast power amplifier is a high performance switching power supply, single channel, high power, pure post level broadcast amplifier. Its structure is compact and reasonable. Smart protection circuitry provides advanced technology to protect internal circuitry and connected loads, and amplifiers and speakers can be protected under extreme conditions. It provides regional power amplification for broadcast system, suitable for large area of broadcast sound reinforcement, including large and medium schools, buildings, clubs, bars, parks and so on.

### Functional characteristics

- \* Using 1U to simplify the structure. The new topology third generation real time power supply tracking power amplifier technology, Design of high efficiency power amplifier circuit, to offer high efficiency, With Very small size, light weight and long service life of the system, high fidelity sound quality, and perfect restore sound source quality.
- \* with switch automatic soft start.
- \* Zero crossover distortion.
- \* ZVS, ZCS soft switching power supply function, to achieve 92% of the high system efficiency
- \* High frequency transformer as system isolation.
- \* Built in intelligent top distortion and over current limit system.
- \* Two constant pressure output mode: 70v/100v.
- \* Built in automatic temperature control fan cooling system
- \* With over temperature, over voltage, under voltage, over current, short circuit multiple intelligent detection protection system
- \* 1 channel unbalanced trs/xlr line input, 1 channel balanced XLR cascade line output;
- \* The panel with volume adjustment knob;

## Specifications

Model	T-62000
Rated Power Output	2000W
Speaker Outputs	70V, 100V
Input Sensitivity & Source Impedance	775mV/10K $\Omega$ , Balanced xlr/trs interface
output Sensitivity & Source Impedance	775mV/470 $\Omega$ , Balanced XLR interface
Frequency Response	80Hz~16KHz(+1dB, -3dB )
Noise-signal Ratio	>90dB
Total Harmonic Distortion	1kHz 0.5%, 1/3 output power
Ground Line Suspension Switch	Signal ground line optional chassis or suspension
Heat Radiation	Forced air cooling from front to back, start the built-in fan when radiator temperature is up to 45 degrees
Protection	Over heat, over load & short circuit
Power Supply	~220-240V 50/60Hz
Power consumption	2500W
Dimension	484x260x44mm
Weight	5.3Kg
Material Quality	Black aluminum panel, SPCC cold rolled plate material case

## Rear Panel

