



## Description

This is a switching power supply single-channel high-power pure post-stage power amplifier, suitable for large-area broadcast sound reinforcement.

## Description

1. The cabinet design (2U) is perfectly combined with a reasonable and compact internal structure and has a rigorous manufacturing process.
2. The intelligent protection circuit provides the latest third-generation Class D digital amplifier technology and soft switching power supply technology to ensure the stability and reliability of the machine and protect the amplifier and speakers under extreme conditions. Built-in PFC circuit and soft switching power supply technology, automatic soft start control when turning on and off, achieve an ultra-high system efficiency of 92%.
3. Light weight and long system life, with high-fidelity sound quality and perfect restoration of sound source quality.
4. It has 1-channel LINE unbalanced TRS/XLR high-quality multi-functional input interface.
5. It has a 1-channel LINE balanced XLR cascade output interface.
6. New power amplifier circuit, zero crossover distortion, ensures the signal quality is intact during amplification.
7. It has multiple intelligent detection and protection systems for over-temperature, over-voltage, under-voltage, over-current and short-circuit.
8. Built-in intelligent clipping distortion and over-current limiting system can effectively protect the speaker unit.



### Specification

|                                              |                                                                                                            |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Rated output power                           | 2000W                                                                                                      |
| Speaker output                               | 4-16Ω, 100V                                                                                                |
| Heat dissipation                             | Forced air cooling from front to back, the built-in fan starts when the radiator temperature is 45 degrees |
| Protect                                      | Overheat, Overload & Short Circuit                                                                         |
| Input Sensitivity & Input Impedance          | 775mV/10KΩ, balanced XLR/TRS interface                                                                     |
| Output Sensitivity & Output Source Impedance | 775mV/470Ω, balanced XLR connector                                                                         |
| Frequency Response                           | 80Hz~16KHz(+1dB, -3dB )                                                                                    |
| Signal-to-Noise Ratio                        | >90dB                                                                                                      |
| Total Harmonic Distortion                    | 0.5% at 1KHz, 1/3 output power                                                                             |
| power supply                                 | ~220V/50Hz                                                                                                 |
| Power consumption                            | 2500W                                                                                                      |
| size                                         | 484x420x88mm                                                                                               |
| net weight                                   | 9.5kg                                                                                                      |