

## Pure post-stage amplifier TF-VND20051



### Description:

This is a single-channel, high-power, pure post-stage broadcast amplifier with switching power supply suitable for broadcasting and sound reinforcement venues in larger areas . It can provide advanced Class D digital amplifier technology and soft switching power supply technology, perfectly restore high-fidelity sound quality, with reasonable and compact internal structure and rigorous manufacturing process .

### Features :

1. Equipped with 1-channel LINE unbalanced TRS/XLR high-quality multi-function input interface and 1-channel LINE balanced XLR cascade output.
2. Built-in PFC circuit and soft switching power supply technology, automatic soft start control of power on and off, achieving an ultra-high system efficiency of 92%.
3. Built-in intelligent clipping distortion and over-current limiting system can effectively protect the speaker unit.
4. It has multiple intelligent detection and protection systems for over-temperature/over-voltage/under-voltage/over-current/short circuit.
5. Provide 2 fixed resistance and constant voltage output modes: 4-16  $\Omega$  /100V optional.

### Specifications :

|                                              |                                                 |
|----------------------------------------------|-------------------------------------------------|
| model                                        | TF-VND20051                                     |
| Output Power                                 | 1000W                                           |
| Speaker output                               | 4-16 $\Omega$ , 100V                            |
| Input Sensitivity & Input Impedance          | 775mV/10K $\Omega$ , balanced XLR/TRS interface |
| Output Sensitivity & Output Source Impedance | 775mV/470 $\Omega$ , balanced XLR connector     |
| Signal-to-Noise Ratio                        | >90dB                                           |
| Frequency Response                           | 80Hz~16KHz (+1dB, -3dB )                        |
| power supply                                 | ~220V/50Hz                                      |
| Total Harmonic Distortion                    | 0.5% at 1KHz, 1/3 output power                  |
| Power consumption                            | 1300W                                           |
| Dimensions (L x W x H)                       | 484×303×88mm                                    |
| size                                         | 484x398x88mm                                    |
| weight                                       | 8.6kg                                           |