

# DT6004

Professional Class D Amplifier

## DESCRIPTION

The DT series is a series of multi-channel professional Class D amplifiers, designed with the target of outstanding reliability. Designed with the basis of efficient and safe thermal distribution structure, concise and straightforward output circuit, and complemented by precise detection and protection control. In particular, the innovative design of the automatic temperature control system and the unique limiting function both contribute to the high efficiency of product performance. With the standardized design and a complete product line, the DT series help meet the needs of diversification in the professional sound reinforcement industry. A comprehensive interface and simplified control functions are in place to contribute to your convenient and flexible applications.



## FEATURES

- A variety power levels can match according to your demand.
- Three optional sensitivity can flexibly match with different systems.
- With three input cascaded switches, the input terminals of adjacent channels can be flexibly used to simplify the input wiring of large applications.
- With the unique limiting function, it will not cause the output distortion even if the input is too large, and there are two optional limiting modes to match different types of speakers.
- High power supply system and efficient output level can provide strong output capability.
- Integrated air duct and thermal management and precisely temperature control without any temperature difference can ensure the cooling of all components and all heat source can work orderly and safely.
- Accurate and intuitive status indicator and independent volume knob, working status and operation are easily controlled by you.

## TECHNICAL SPECIFICATIONS

|                                 |                                                                |
|---------------------------------|----------------------------------------------------------------|
| RMS Stereo Power(8ohms):        | 1300W                                                          |
| RMS Stereo Power(4ohms):        | 2000W                                                          |
| Power(4ohms):                   | 2000W/CH                                                       |
| Power(8ohms):                   | 1300W/CH                                                       |
| Input Sensitivity:              | 0.775V/1V/32dB Switchable                                      |
| S/N Ratio:                      | >105dB                                                         |
| Frequency Response:             | 20Hz-20kHz $\pm$ 2dB                                           |
| THD (@1kHz):                    | <0.1% @8 $\Omega$ , 1kHz                                       |
| IMD (@60Hz/7kHz 4:1):           | <0.5% @8 $\Omega$ , 60Hz/7kHz 4:1                              |
| Damping Factor:                 | >1000 @8 $\Omega$ , 100Hz                                      |
| Rated Power Supply:             | 220-230V ~ 50/60Hz                                             |
| Amplifier Type:                 | Class D                                                        |
| Power Supply Specifications:    | 220-230V ~ 50/60Hz                                             |
| Cooling:                        | Dual Cooling Fan Controlled by Temperature                     |
| Temperature:                    | Working temperature -10°C~40°C Storeage temperature -25°C~80°C |
| Input connector:                | 4 x XLR                                                        |
| Output Connector(link in):      | 1 x TRS                                                        |
| Output Connector(power):        | 4 x NL4                                                        |
| Rated Power Consumption:        | 8A                                                             |
| Dimension (W x D x H):          | 89 x 482 x 380mm / (3.5 x 19 x 15in)                           |
| Package Dimensions (W x D x H): | 590 x 550 x 164mm / (23.2 x 21.7 x 6.5in)                      |
| Net Weight:                     | 22 kg / 48.5 lb                                                |
| Gross Weight:                   | 24.5 kg / 54 lb                                                |