

# T SERIES AMPLIFIERS

## FEATURES

- Advanced switch-mode worldwide operating power supply technology for high performance and very compact size
- Power Factor Correction PFC for extremely low mains consumption and extremely wide mains operating range
- Variable speed fan for low noise
- Low Inrush Limiting reduces AC inrush current, removing the need for expensive power sequencers
- XLR female / 6.3mm Jack Neutrik style input connectors with link capability
- Built-in defeatable Clip limiters for each channel
- LCD matrix interactive display
- Digital gain-attenuator control
- User selectable maximum output power for each channel
- User selectable maximum mains current draw
- Comprehensive-user friendly front panel display menu
- Fully protected circuitry design including DC, infrasonic, high frequency, thermal overload and short circuit
- Temperature forecast with LCD traced historical behaviour
- Downloadable log file of functional fault events with time related trace
- Load impedance measurement / display for each channel
- Output power measurements / display for each channel
- Mains voltage and current measurements / display
- Defeatable gate selection for each channel



- Gain/sensitivity user selection capability
- Hardware monitor available for fast local diagnostic
- Fixed frequency switch-mode output stage for high grade sound accuracy
- Very compact size - all models only 1 Rack Unit for reduced rack cost and space
- Very light weight - all models only 12 kg (26 pounds) for easier racking and shipping
- Built-in Remote Control (RS 485 interface) for full diagnostic, operational setting and system monitoring
- Smart Card settings, parameters and upgrades functionality
- Lockable set-up by user selectable access key code
- DSP option capability
- Ethernet option capability

## TECHNICAL SPECIFICATIONS:

### CONTINUOUS RATED OUTPUT POWER PER CHANNEL - EIAJ TEST (1% THD)

	Dual 2 Ω	Dual 4 Ω	Dual 8 Ω	Bridge 4 Ω	Bridge 8 Ω	Bridge 16 Ω
<i>T Five</i>	2800W	2600W	1400W	n.a.	n.a.	n.a.
<i>T Seven</i>	3600W	2500W	1300W	7200W	5000W	2600W
<i>T Nine</i>	4800W	3000W	1500W	9600W	6000W	3000W
<i>T Eleven</i>	6000W	4000W	2000W	12000W	8000W	4000W

### FREQUENCY RESPONSE (1W - 8 Ω)

5 Hz ÷ 30 kHz

### SLEW RATE

> 50 V/μsec (input filter by-passed)

### THD FROM 0.1 W TO FULL POWER

< 0.5%

### GAIN/ SENSITIVITY dB

26 - 29 - 32 - 35 user selectable

### MAXIMUM INPUT LEVEL

+25 dBu

### OPERATING TEMPERATURE

0° C ÷ + 45° C

### INPUT CONNECTORS

2 x balanced to ground XRL female Combo jack 6.3

### OUTPUT CONNECTORS

2 x Neutrik Speakon NL4MP (pins 1+ 2+ / 1- 2- paralleled)

### MAINS POWER

Universal switch-mode PSU, 95v ~ 265v AC, 50 ~ 60Hz

### CONSUMPTION AVERAGE

2300 VA (T Eleven @ 1/8 maximum output power)

### WEIGHT

12 kg (26.5 lb)

8 kg (17.6 lb) for T Five

### DIMENSIONS

Height 44 mm (1.75")  
Width 472 mm (19")  
Depth 455 mm (18")

360 mm (14.2") for T Five

# PWM POWER AMPLIFIERS