

# T ELEVEN



## FEATURES

- › 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 – only 1 Rack Unit for reduced rack cost and space
- › Very light weight – 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
- › 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 / 6.3 mm 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

## PERFORMANCE SPECIFICATIONS

<b>Number of channels</b>	2
<b>Output power (per channel)</b>	Single channel mode: 6000 W @ 2 Ω, 4000 W @ 4 Ω, 2000 W @ 8 Ω Bridge mode: 12000 W @ 4 Ω, 8000 W @ 8 Ω
<b>Max output voltage</b>	200 V peak
<b>Max output current</b>	125 A peak
<b>AC Main Power</b>	Power supply: universal, regulated switch mode with PFC (Power Factor Correction) Nominal power requirement: 100-240 V ±10%, 50-60 Hz Operating voltage: 90 V – 264 V
<b>Power consumption</b>	Idle: 1.3 A @ 115 V, 1.17 A @ 230 V 1/8 of max output power @ 4 Ω: 12.2 A @ 115 V, 6.1 A @ 230 V 1/4 of max output power @ 4 Ω: 22.6 A @ 115 V, 11.3 A @ 230 V
<b>Gain</b>	Selectable: 26 dB, 29 dB, 32 dB, 35 dB
<b>Frequency response</b>	20 Hz – 20 kHz (±0.5 dB) @ 1 W, 8 Ω
<b>S/N ratio</b>	> 110 dB (20 Hz – 20 kHz, A-weighted)
<b>Crosstalk separation</b>	> 66 dB @ 1kHz
<b>Input impedance</b>	10 kΩ balanced
<b>Slew rate</b>	50 V/μs @ 8 Ω, input filter bypassed

## PHYSICAL

<b>Input connector</b>	2 x Combo Jack/XLR-F – Signal input
<b>Output connector</b>	2 x speakON – pins 1+ 2+ / 1- 2- paralleled
<b>Height</b>	45 mm – 1 3/4"
<b>Width</b>	483 mm – 19"
<b>Depth</b>	475 mm – 18 3/7"
<b>Weight</b>	12 kg – 26.5 lb

## ACCESSORIES

## KAESOP

AE53 and Ethernet optional board for T series amplifiers

## KDSP

DSP optional board for T series amplifiers

