

ICE SERIES



PRODUCT DESCRIPTION

ICE SERIES is a professional amplifier series that features TD class amplification, which combines the efficiency of a digital power supply with the sound clarity of a high-quality analog amplification circuit. Thanks to its design, this amplifiers allows the peak power to follow the dynamics of the music program, being able to reproduce – at its peak - up to twice the RMS power without clipping. With alternatives ranging from 2 x 450W @ 8-Ohms to 4 x 1200W @ 2-Ohms, **ICE SERIES** has a solution for a broad spectrum of professional applications.



TD Class amplification

Thanks to the combination between its power supply and its analog amplification circuit – fundamental for sound clarity – the **ICE Series** successfully incorporates the TD class type achieving a perfect combination between power consumption, weight and audio quality.

YSProcessing

ICE Series incorporates to its design an audio process called *YSProcessing*, that adds low-frequency compensation to enhance speaker output. The user can switch it ON/OFF on its rear panel, boosting the signal whenever its necessary.





PRODUCT SPECIFICATIONS

	ICE-1600	ICE-2400	ICE-3200	ICE-4000	ICE-4800
Output power					
Stereo 8-Ohm	2 x 450W	2 x 600W	2 x 800W	2 x 1000W	4 x 600W
Stereo 4-Ohm	2 x 650W	2 x 900W	2 x 1200W	2 x 1500W	4 x 900W
Stereo 2-Ohm	2 x 800W	2 x 1200W	2 x 1600W	2 x 2000W	4 x 1200W
Bridge 8-Ohm	1 x 1200W	1 x 1800W	1 x 2400W	1 x 3000W	2 x 1800W
Bridge 4-Ohm	1 x 1600W	1 x 2400W	1 x 3200W	1 x 4000W	2 x 2400W

Performance

TD Class amplifier

Input Impedance: 10K ohm balanced to ground

Frequency Response: 20Hz~20KHz

Damping factor (1Khz@8 ohms): >800:1

Signal to noise ratio: >95dB

YSProcessing: The amplifier adds low-frequency compensation to enhance speaker output

Protections: Short & open circuit, thermal, RF protection, On/off muting, DC fault shutdown & active inrush limiting

Connectors & backpanel controls

Balanced male XLR-3 & balanced female TRS/XLR-3 combo per channel

Speakon speaker outputs

Binding posts per channel

Input sensitivity selector: 0.77V / 1.0V / 1.44V - 1.0V / 1.4V / 2.0V (ICE-4800)

Mode selector: Parallel, Stereo & Bridge

YSProcessing switch

Physical

Cooling: Two Front-to-back fans, temperature-controlled speed

Dimensions (mm)	483x361x88.8	483x361x88.8	483x361x88.8	483x361x88.8	483x463x88.8
Weight	9 Kg.	9.1 Kg.	9.7 Kg.	9.7 Kg.	13.7 Kg.

