

CAMCO

Tecton/ Series



NEW

Preliminary Product Information

The Tecton Series is our newest line of in total 6 amplifiers up to 2 x 1900 Watt/4Ω. The models are optimised for use with either higher or lower impedances. It contains our latest developments in High-Efficient-SMPS* as well as our well-known Superior Sound Amplifier-Designs.

Features

- High-Efficient-SMPS*
- 3 Operations Modes: Parallel Mono · Mono Bridged · Stereo
- Output Current Monitoring
- LED Indicators Operation Mode · Clip · Signal · Output Current
- Input Sensitivity Selector
- Selectable Clip-Limiter
- Selectable Subsonic Filter
- Ground Lift
- DC Protection
- Mains Fuse Protection
- Overvoltage Protection
- Simple-Remote-Control optionally available

* SMPS = Switch-Mode-Power-Supply



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Specifications

TECTON	.2 Series (2 Ω optimized)			.4 Series (4 Ω optimized)		
	14.2	22.2	28.2	24.4	32.4	38.4
STEREO MODE , both Channels driven						
8 Ω 20 Hz-20 kHz 1% THD	226 W	355 W	517 W	698 W	918 W	1136 W
4 Ω 20 Hz-20 kHz 1% THD	420 W	660 W	920 W	1216 W	1595 W	1900 W
2 Ω 20 Hz-20 kHz 1% THD	730 W	1140 W	1420 W	N/A	N/A	N/A
MONO BRIDGED						
16 Ω 20 Hz-20 kHz 1% THD	452 W	710 W	1034 W	1396 W	1836 W	2272 W
8 Ω 20 Hz-20 kHz 1% THD	840 W	1320 W	1840 W	2432 W	3190 W	3800 W
4 Ω 20 Hz-20 kHz 1% THD	1460 W	2280 W	2840 W	N/A	N/A	N/A
PARALLEL MONO						
8 Ω 20 Hz-20 kHz 1% THD	452 W	710 W	1034 W	1396 W	1836 W	2272 W
2 Ω 20 Hz-20 kHz 1% THD	840 W	1320 W	1840 W	2432 W	3190 W	3800 W
1 Ω 20 Hz-20 kHz 1% THD	1460 W	2280 W	2840 W	N/A	N/A	N/A

ALL MODELS

Input Gain	selectable: 26 dB, 32 dB, or 1,4 V input sensitivity					
Output Circuitry	AB	AB	2-Step Class H	2-Step Class H	2-Step Class H	2-Step Class H

SMPTE (typical) 20 Hz-20 kHz, 8 Ω load 3 dB below rated power THD+N (typical)	< 0,02% THD
Total Harmonic Distortion 20 Hz-20 kHz, 8 Ω load 3 dB below rated power	< 0,02% THD
Frequency Response	20 Hz-20 kHz, +/- 0,2 dB / 8 Hz-50 kHz, +0, -3 dB
Damping Factor	> 400
Input Impedance	40 k Ω balanced
Fan	temperature dependent speed-controlled axial fan
Connectors, each channel	Input: 3-pin XLR & 1/4" TRS balanced Output: Neutrik Speakon
Limiters	switchable peak-limiter
Ground-Lift	input ground-lift switch on back panel
Signal To Noise-Ratio 20 Hz - 20 kHz, 8 Ω load	> 107 dB (unweighted) > 110 dB (A-weighted)
Dimensions (W x H x D)	483 x 88,9 x 340 mm (19", 2U)
Weight	9 kg

All specification subject to change without notice.



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