



TECTON

**NEW**

## *Tecton/* **Series**

### Preliminary Product Information



The Tecton Series is our newest line of in total 10 amplifiers up to 2 x 1400 Watt/4 Ohms. 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

## Tecton / Series

### Specifications

TECTON	.4 Series (4 $\Omega$ optimized)					.2 Series (2 $\Omega$ optimized)				
	8.4	13.4	18.4	23.4	28.4	8.2	13.2	18.2	23.2	28.2
<b>STEREO MODE</b> , both Channels driven										
8 $\Omega$ 20 Hz-20 kHz 0,1% THD	300 W	500 W	700 W	900 W	1100 W	200 W	300 W	420 W	540 W	700 W
4 $\Omega$ 20 Hz-20 kHz 0,1% THD	380 W	640 W	900 W	1150 W	1400 W	300 W	500 W	700 W	900 W	1100 W
2 $\Omega$ 20 Hz-20 kHz 0,1% THD	N/A	N/A	N/A	N/A	N/A	380 W	640 W	900 W	1150 W	1400 W
<b>MONO BRIDGED</b>										
16 $\Omega$ 20 Hz-20 kHz 0,1% THD	600 W	1000 W	1400 W	1800 W	2200 W	400 W	600 W	840 W	1080 W	1400 W
8 $\Omega$ 20 Hz-20 kHz 0,1% THD	760 W	1280 W	1800 W	2300 W	2800 W	600 W	1000 W	1400 W	1800 W	2200 W
4 $\Omega$ 20 Hz-20 kHz 0,1% THD	N/A	N/A	N/A	N/A	N/A	760 W	1280 W	1800 W	2300 W	2800 W
<b>PARALLEL MONO</b>										
8 $\Omega$ 20 Hz-20 kHz 0,1% THD	600 W	1000 W	1400 W	1800 W	2200 W	400 W	600 W	840 W	1080 W	1400 W
2 $\Omega$ 20 Hz-20 kHz 0,1% THD	760 W	1280 W	1800 W	2300W	2800W	600 W	1000 W	1400 W	1800 W	2200 W
1 $\Omega$ 20 Hz-20 kHz 0,1% THD	N/A	N/A	N/A	N/A	N/A	760 W	1280 W	1800 W	2300 W	2800 W

### 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	AB	AB	2-Step Class H	2-Step Class H	2-Step Class H
<b>SMPTE (typical)</b> 20 Hz-20 kHz, 8 $\Omega$ load 3 dB below rated power THD+N (typical)	< 0,01% THD									
<b>20 Hz-20 kHz, 8 <math>\Omega</math> load</b> 3 dB below rated power	< 0,01% THD									
<b>Frequency Response</b>	20 Hz-20 kHz, +/- 0,2 dB / 8 Hz-50 kHz, +0, -3 dB									
<b>Damping Factor</b>	> 400									
<b>Input Impedance</b>	40 k $\Omega$ balanced									
<b>Fan</b>	temperature dependent speed-controlled axial fan									
<b>Connectors, each channel</b>	Input: 3-pin XLR & 1/4" TRS balanced Output: Neutrik Speakon									
<b>Limiter</b>	switchable peak-limiter									
<b>Ground-Lift</b>	input ground-lift switch on back panel									
<b>Signal To Noise-Ratio</b> 20 Hz - 20 kHz, 8 $\Omega$ load	> 107 dB (unweighted) > 110 dB (A-weighted)									
<b>Dimensions (W x H x D)</b>	483 x 88,9 x 340 mm (19", 2U)									
<b>Weight</b>	10 kg									

All specification subject to change without notice.