



A 1560 – POWER AMPLIFIER

This output stage combines enormous power with extreme broad-band characteristics for superb performance and speed. Equipped with High-End mica capacitors, ACT silver circuit boards, precision resistors and carefully optimised toroidal transformers, this amplifier can boast with the very finest components available, as well as the new **OAD**-op-amp technology mentioned earlier. Added to these advantages are non-magnetic circuit boards, and non-magnetic materials for all connections and contacts, completely eliminating the disturbing distortion which is caused by ferro-magnetic non-linearity effects.

The ICA technology (Isolated Current Amplifiers) developed by T+A de-couples the input stages of the power amplifier from the current amplifier stages, and this design feature has also been further improved. The circuit features transistors for the driver and output stages, with reduced gate capacitance and higher limit frequencies, giving the output stages an even greater bandwidth and higher speed. An important result of this technology is that the sound characteristics of our output stages and integrated amplifiers are independent of the selected volume level and the load represented by the loudspeakers connected to them. It is no coincidence that many owners of impedance-critical and phase-critical loudspeakers use our amplifiers, since they possess enormous reserves of power – as well as simply sounding better under all conditions.



Specifications

Stereo operation

<i>Nominal output into 8 Ohm</i>	170 Watt
<i>Peak output into 8 Ohm</i>	185 Watt
<i>Peak output into 4 Ohm</i>	340 Watt
<i>both channels simultaneously into 4 Ohm</i>	280 Watt

Bridge mono operation

<i>Nominal output into 8 Ohm</i>	500 Watt
<i>Nominal output into 4 Ohm</i>	600 Watt
<i>Peak output into 8 Ohm</i>	700 Watt
<i>Peak output into 4 Ohm</i>	900 Watt
<i>Power bandwidth</i>	1 Hz – 300 kHz
<i>Frequency response +0 –3 dB</i>	0,5 Hz – 350 kHz
<i>Slew rate Stereo</i>	60 V / μ s
<i>Mono</i>	120 V / μ s
<i>Damping factor</i>	> 500
<i>Signal / noise ratio</i>	> 114 dB
<i>Total harmonic distortion</i>	< 0,001 %
<i>Inputs</i>	XLR, Cinch

<i>Reservoir capacity</i>	120000 µF
<i>Mains socket 110 V or 230 V, 50 Hz</i>	650 VA
<i>Dimensions (H x W x D)</i>	15 x 44 x 39 cm
<i>Weight</i>	17,5 kg
<i>Finishes</i>	silver aluminium, black
<i>Remote control</i>	via R-System

We reserve the right to alter technical specifications