

# -EXPERIENCE electronics- Audio Transformer Data Sheet B-488 S

The audio transformer B-488 S of the *B-series* was designed especially for high-end hifi tube push pull amplifiers in class AB. Optimized winding technology, excellent materials, taps for second grid, lowest harmonic distortion and exact dimensioning provide outstanding sound results. This transformer type was developed for 4 x KT 77, KT 88, 6550 A and similar tubes..Recommended is power transformer type NTR-14.

Recommend voltage range of power supply ca. 590....610 V für KT 88  
ca. 450....460 V für EL 34

Frquency response P = 130 W 11 Hz (±0 dB....41 kHz (-1 dB)

Maximum power handling @  $U_B = 620$  V, KT 88 oder 6550 A, 1 kHz ist ca. 160 W.

Primary inductivity >43 bei 100 mW

Stray inductivity <9 mH

Copper resistance of the primary coil 235  $\Omega$

Raa 3.2 k $\Omega$

## Pinning

Primary		Pin
Anode 1		10 I
Second grid	43 %	12
Center	0	14
Second grid b	43 %	16
Anode 2		18



Secondary	Pin	jumpers	transfer ratio
2 $\Omega$	I 1 nach 2/3	1 to 4/5 2/3 to 8/9	40.0
4 W	I 1 nach 6/7	2/3 to 4/5	28.3
8 W	I 1 nach 8/9	2/3 to 4/5	20.0

I = Points of same polarity

Core type	MD 102 B	
Dimensions	Height	80 mm accross bobbin
	Length	120 mm
	Width	102 mm
Weight	ca. 4.9 kg	
Connectors	solder lugs	
Mounting	bolts M 5	