



300B Single Stereo Power Amp "TU-LAB" TU-8300R

TU-LAB is a single stereo power amplifier with 300B tubes, the most popular tube of all times, and is designed so that tube amplifier fans can work over it on their own after assembly. Experiment a combination of tubes, output transformers, volumes, etc and find your favorite tone out of TU-LAB!



■ Triode connection of pentode also available!

The sound of triode-connected pentode and beam tubes is just as attractive as that of 300B. In TU-LAB, 8-pin sockets are equipped to enable triode connection of such tubes as KT88(6550), KT66, EL34(6CA7), 6L6GC, etc, without any modifications to the amp.

■ Full of ingenuity for sound quality, stability, safety, and energysaving

["Constant current circuit, self-bias + fixed bias" method]

Constant current circuit is adopted so that a constant plate current can flow when any of the above mentioned tubes, and possibly many other types, is installed (constant current value can be fine-adjusted.).

[Power shut-down circuit for OPT upon over-current]

If an overcurrent occurs in either of the OPTs even for a moment, the B power supply is shut down and LED indicator at the troubled side shows that a malfunction has taken place.

[FET ripple filter]

FET ripple filter, time-proven in the performance of the hum noise reduction, is adopted for B power supply. The ripple filter is controlled by a timer - B power boots up approx.20 seconds after power ON.

[All tubes heated by AC]

From an ecological point of view, all tubes are heated by AC power, which improves the power loss in the rectifying circuit, and heating is moderated.

■ World-wide power transformer

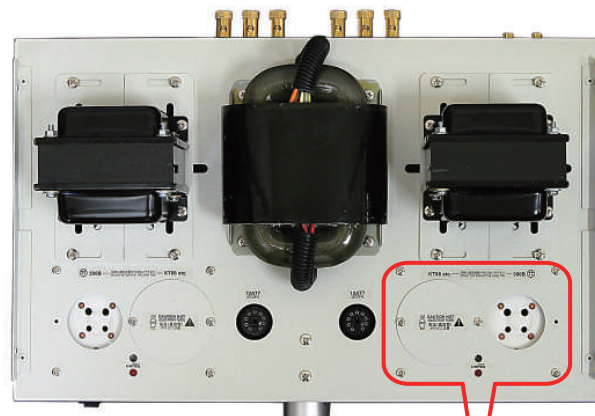
A multi power transformer that can be used under 4 different power voltage environments; 100V, 115V, 200V, and 230V, is adopted.

■ Try different OPT and volumes!

The "magical" sliding universal bracket enables installation of various kinds of commercially-available OPTs. Also, a volume up to 30mm in width can be installed.

The dimensions of output transformers that can be used for TU-8300R

Standing type, 2 fixing points	Standing type, 4 fixing points	Box type of major makers	Box type of TAMURA
X = 74 - 109 mm	X = 46 - 81 mm Y = 53 - 81 mm OR X = 62 - 82 mm Y = 67.5 - 81.5 mm	[For C = $\Phi 50$ mm] X = 73 - 82 mm Y = 67.5 - 81.5 mm [For C = $\Phi 43$ mm] X = 46 - 81 mm Y = 53 - 67 mm OR X = 62 - 82 mm Y = 67.5 - 81.5 mm OR X = 40 - 75 mm Y = 40 mm	X = 64 - 71 mm Y = 79 mm
* Size compatible: X direction - 120mm, Y direction - 110mm, Height (from the chassis) - 140mm * Screw size: M4 or M5 (the size specified for each transformer)			



With 300B tubes



With KT88 tubes



[Specifications]

● Stock tube	300B×2, 12AT7×2
● Max output	8W+8W (with 300B tube, 8Ω load)
● Frequency response	15Hz-40kHz (-3dB)
● Residual noise	0.5mV *0.1mV when KT88 (IEC)
● Input sensitivity	200mV ● DF : 6.3 ● Speaker impedance: 4-16Ω
● Output terminal	Gold-plated, binding post (banana-plug compatible)
● Input terminal	Gold-plated RCA jack, Single stereo line (rear)
● Power input	3P inlet (IEC320)
● Power voltage	100V AC 50/60Hz (115V, 200V and 230V are selectable)
● Power consumption	80W by standard (70W-95W as ip adjustable)
● Dimension	W400xH213xD250 mm
● Weight	10.8kg (assembled, excl. power cord)

EK JAPAN CO.,LTD.

Tofuro-minami 2-19-30, Dazaifu-shi, Fukuoka, 818-0105, Japan
Phone : +81-92-923-8235 Fax : +81-92-923-8237
Website : <http://www.elekit.co.jp> E-mail : info@elekit.co.jp

