

*Tubes are not included in the kit.



With EL34 mounted



Back

Pentode SE Power Amp kit TU-8400, with 2 operation modes of HIGH and LOW modes enabled by Active Automatic Bias adjustment system inherited from its former model TU-8200R, allows various types of tubes. In HIGH mode, 6L6 series, KT88, KT90, EL34(6CA7), 5881, 6550, etc. can be used as well as KT120, KT150, and KT170, enabled by the power transformer with high current capacity. In LOW mode, 6V6, 6F6, etc. can also be used.

This amplifier is basically designed to be used in conjunction with a preamplifier. However, as an OPamp is built-in the INPUT2, a music player with low power can also be used by connecting directly to INPUT-2.

■ Select from 3 connection modes

Users can choose from 3 operation modes, Ultra-linear(UL) mode, Pentode mode, and Triode mode, just by changing a jumper location on the PCB behind the front panel.



Power mode switch at the top panel

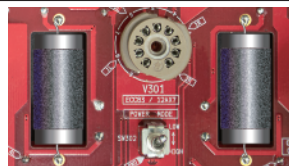
■ Headphone jack and gain switching jumpers

A headphone jack is equipped at the front panel, and users can select a sound volume level according to a headphone to be used just by changing a jumper location.



■ Ample space for larger coupling capacitors

There is ample space for a larger coupling capacitors for exchange. The maximum size of the capacitor that fits in the space is 20mm in diameter and 36mm in length, and the required capacitor specifications are higher than 0.1uF and 400V.



Larger capacitors can be mounted



With a safety cover

Pentode SE Power Amp Kit TU-8400 Specifications

*The values are representative values and not guaranteed values.

- Tubes : Voltage amplifying tube : 12AX7 (ECC83, 7025) x 1pc
Output tube : [HIGH mode] 6L6 series, 5881, 7581, KT66, KT77, EL34(6CA7), WE350B, 6550, KT88, KT90, etc.
*KT120, KT150, KT170, etc. can also be mounted, though the safety cover will not be able to be installed.
[LOW mode] 6V6, 6F6, etc.
- *Tubes are not included. Please prepare 2 x output tubes and 1 x pre tube (12AX7).
- Circuit configurations, etc :
Output stage A-class, Single-ended, Active automatic bias (low-dissipation automatic biasing)
Heater power AC-power
B-power : MOSFET ripple filter (right and left channel independently, with fuse)
Preamp : Preamp with OPamp in INPUT2 (NJM2068DD is equipped)
- Mode : [Power mode] LOW, HIGH [Output tube connection mode] UL(Ultra-linear, recommended), TRIODE, PENTODE
- Max.output : [HIGH mode] 2 x 9.8W(KT170), 2 x 8.6W(KT88), 2 x 8W(EL34), 2 x 7W(6L6) [LOW mode] 2 x 3.3W(6V6), 2 x 2.6W (6F6) (In UL, 8ohm load, THD10%)
- Rated input : [INPUT-1] 850mV rms [INPUT-2] 225mV rms (In HIGH mode, UL, EL34)
- Frequency response : 20-50,000Hz (-3dB, UL)
- Residual noise : 27uV rms (IHF-A, 8ohm load, UL, HIGH)
- Input terminal : [INPUT-1] RCA jack (back side), input resistance approx.50hohm [INPUT-2] 3.5mm 3-pole mini jack, input resistance approx.12kohm
- Output terminal : Biding terminal (Gold-plated, banana-plug compatible)
- Headphone output : 3-pole standard (diameter 6.3mm) jack
- Speaker impedance : 4-16ohm
- Headphone impedance : 8-600ohm (corresponds to high impedance headphones as well), unbalanced
- Power voltage : AC110-120V or AC220-240V, 50/60Hz IEC standard 3P inlet type
- Rated power consumption : 80W (HIGH mode, KT170), 71W (HIGH mode, EL34), 36W (LOW mode, 6V6)
- Dimensions : W252 x H286 x D286 mm (with safety cover, incl. projections)
- Weight : Approx.6.6kg (assembled, excl. tubes and AC cord)

- The specifications of the product are subject to change without prior notice.
- The color of the product in this document may look different from the actual product.

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