

Hybrid Tube Amplifier

Owner's Manual



Johnson[™]

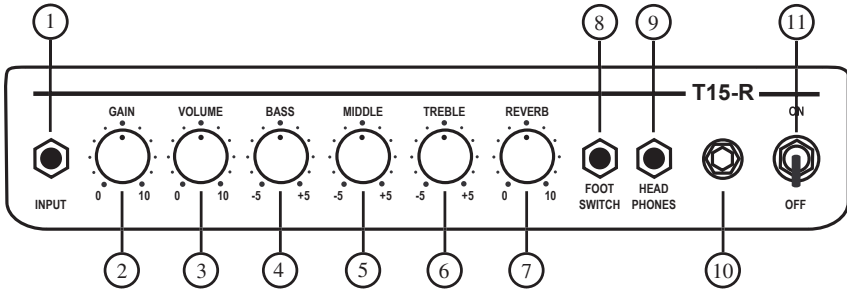
Model: T15-R

Introduction

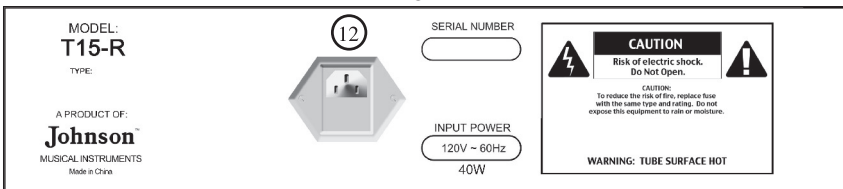
Thank you for purchasing our hybrid tube amplifier. Your “hybrid” amplifier combines the unique tonal character of a tube preamp with the reliability and consistency of a solid-state power section.

Please read this manual carefully and correctly before operating your new amplifier.

Panel Functions



BACK



- ① **Input:** Used to connect the signal output from an electric guitar. (Always use an undamaged, shielded instrument cable.)
- ② **Gain:** Use this control to adjust the preamp level & amount of distortion. Works in combination with the Volume ③.
- ③ **Volume:** Controls overall sound level of the amplifier.

Panel Functions (cont.)

- ④ **Bass:** Use this control to adjust the *low* frequency level. Center position (straight up) provides no cut or boost.
- ⑤ **Middle:** Use this control to adjust the *middle* frequency level. Center position (straight up) provides no cut or boost.
- ⑥ **Treble:** Use this control to adjust the *high* frequency level. Center position (straight up) provides no cut or boost.
- ⑦ **Reverb:** Use to adjust the amount of reverberation/reflection effect.
- ⑧ **Footswitch:** Turns the Reverb ⑦ on/off with single button footswitch (optional).
- ⑨ **Headphones:** Use this jack to connect headphones to the amplifier. (The speaker is disengaged when headphones are being used.)

CAUTION NOTE: Your ears are valuable! There could be damage to your ears if you listen at high volumes for long periods of time.

The following appropriate noise level has been specified by the U.S. Government's Occupational Safety and Health Administration (OSHA) as acceptable exposure.

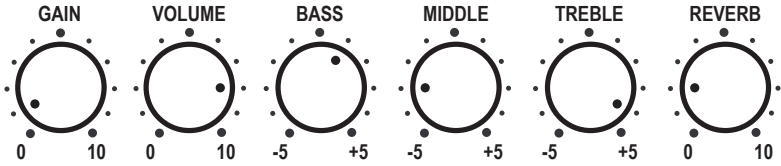
DURATION PER DAY IN HOURS
8
6
4
3
2
1
1/2 Hour or Less

SOUND LEVELS db FLOW RESPONSE
90
93
95
97
100
103
110

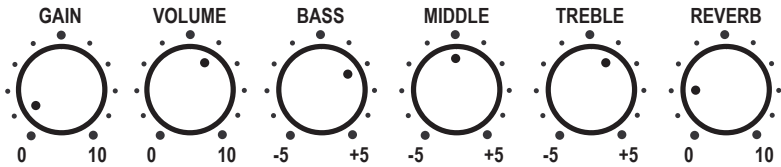
- ⑩ **Power Light:** LED will illuminate when the power is turned “on”.
- ⑪ **Power Switch:** This switch turns the unit “on” and “off”.
- ⑫ **Power IEC Socket:** Use the power cord that is included with this unit, and in accordance with the voltage and frequency ratings listed on this manual and rear panel of your amplifier.

Suggested Settings

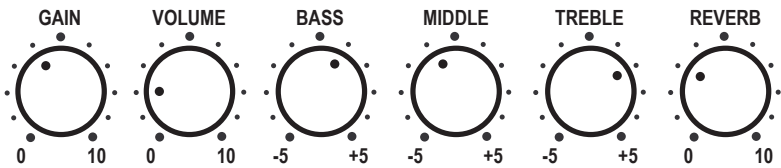
Clean



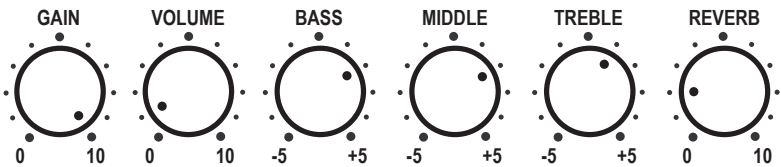
Blues



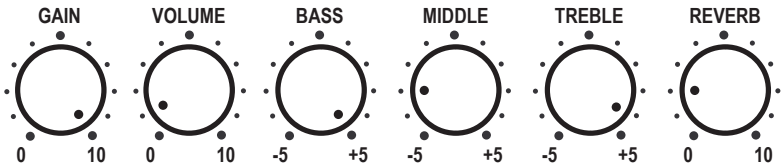
Pushed Clean



Punk

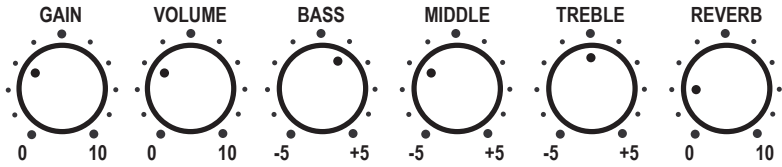


Metal

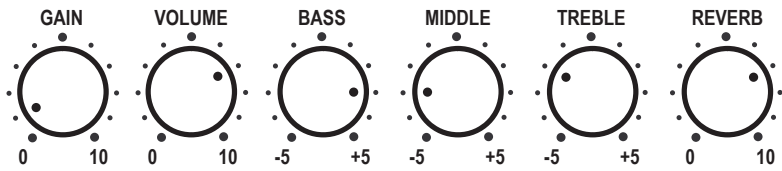


Suggested Settings (cont.)

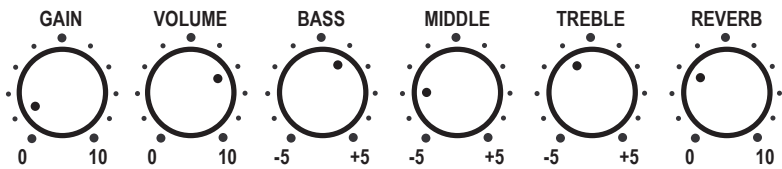
Rock



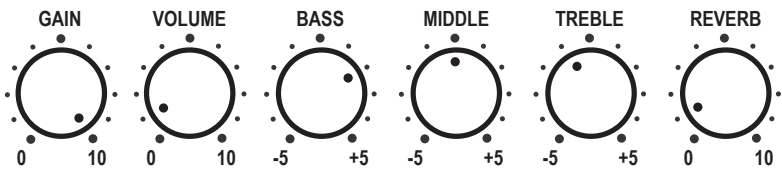
Surf



Jazz



Distorted



Technical Specifications

Power Requirements & Consumption:

120VAC / 60Hz @ 40 Watts (Domestic U.S.)

230VAC / 60Hz @ 40 Watts (Export)

Output Power: 1% THD 12W RMS into 8Ω at 1kHz
10% THD 20W RMS into 8Ω at 1kHz

Frequency Response: -3.0dB 130Hz to 8.8KHz

S/N: 50dB Unweighted 100mV input / 30kHz BW

Preamp Section: 1 - 12AX7WA / 7025 Tube

Speaker: 8" (20.3cm), 8Ω Alphonetone Speaker

Tone Controls: Bass +2.5/-3.5dB at 150Hz
Middle +2.5/-6.0dB at 600Hz
Treble +3.5/-7.0dB at 8kHz

Sensitivity (Full Gain): 2mV

Input: ¼" Mono Jack with 1MΩ Impedance

Footswitch: ¼" Mono Jack

Headphone: ¼" TRS Jack. Mono or Stereo ¼" Plug will work.

Reverb: Mechanical Spring Reverb, Short Tank, Medium Delay

Dimensions: 13 ¾" (35cm) **W** x 15" (38cm) **H** x 8" (20cm) **D**

Weight: 21.5 lbs. (9.76 kgs)

Important Safety Instructions



CAUTION: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. Dangerous high voltages are present inside the enclosure. Do not open the cabinet. Refer servicing to qualified personnel only.



This symbol warns the user of dangerous voltage levels localized within the enclosure.



This symbol advises the user to read all accompanying literature for safe operation of the unit.

Power Sources

This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.

Insertion Warning

Never place objects of any kind into this product, as they may touch dangerous voltage points or short-out parts that could result in fire or electric shock. Never spill liquid of any kind on the product.

Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Heat

The product should be placed away from heat sources, such as radiators, stoves, or other products that produce heat.

Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Safety Check

Upon completion of any service repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

Limited Warranty Information

This amplifier is warranted, to the original Purchaser, to be free from defects in material and workmanship for a period of five (5) years from the original retail purchase. Tubes are warranted for ninety (90) days. This warranty is valid in North America only.

The manufacturer shall, at its option, either repair or replace the defective product if the product is returned to the original place of purchase. If any product returned is not defective within this warranty, the manufacturer shall so advise the Purchaser and thereafter shall dispose of said product in accordance with the Purchaser's instructions and at the Purchaser's cost. This warranty is not transferable by the Purchaser.

The warranty shall not apply to wearable parts, these items include, but are not limited to, amplifier knobs, feet, and handles.

This warranty shall not apply if the product has been misused or damaged as a result of neglect, abuse, alteration, improper handling, unauthorized repair or modification, accident or causes external to the product, such as, but not limited to, excessive heat or humidity.

The manufacturer's sole and exclusive maximum liability for any claim by the Purchaser, shall not exceed the wholesale value of the product. In no event shall the manufacturer be liable for any indirect, incidental, collateral, exemplary, or consequential damages or losses arising out of the Purchaser's purchase of the product. The above limitations may not apply in some states.

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