



JRT 9/15

OWNER'S MANUAL

Dear Customer,

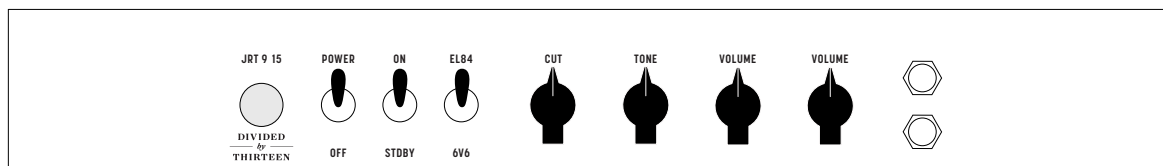
Thank you for choosing a **Divided By Thirteen** amplifier.

As a discerning guitarist, you understand that achieving exceptional tone starts with the finest components. Our classic design, paired with carefully selected parts and a hand-crafted approach, creates a truly versatile instrument that will enhance your sound. We encourage you to read through this manual, as it's designed to answer any questions you may have. Welcome to an exclusive group of musicians who have made **Divided By Thirteen** their amplifier of choice. We're excited to have you with us.

Important Safety Instructions

1. Read these instructions
2. Keep these instructions
3. Heed all warnings
4. Follow all instructions
5. Do not use this apparatus near water
6. Clean only with dry cloth
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions
8. Do not install near any heat sources such as radiators, heat registers, plugs, and the point where they exit from the apparatus
9. Protect the power cord from being walked on or pinched particularly at plugs and the point where they exit from the apparatus
10. Only use attachments/accessories specified by the manufacturer
11. Unplug this apparatus during lightning storms or when unused for long periods of time
12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped
13. CAUTION: To disconnect the unit completely from the MAINS, unplug the unit. Turning the power switch off does not disconnect the unit completely from the MAINS.

Front Panel Functions



INPUT JACKS– These are the high-impedance inputs for the guitar. The top jack provides full level to the first tube stage without attenuation. The bottom jack is attenuated to prevent higher-output pickups or pedals from overdriving the input stage.

VOLUME 1 – This knob controls the level of channel 1, which is designed to be bright and clean with high headroom. Turning this control clockwise will increase the volume, and at higher settings, will introduce overdrive. When combined with the EL84/6V6 switch and the VOLUME 2 knob, a broad range of tones and breakup characteristics can be achieved.

VOLUME 2 – This knob controls the level of channel 2, which is designed with a lower headroom and thicker low mid response. As you turn this control clockwise, the volume increases and overdrive is introduced at moderate settings. When used in conjunction with the EL84/6V6 switch and the VOLUME 1 knob, a wide variety of tones and breakup characteristics can be achieved.

TONE – This rotary switch offers six distinct bright cap options that shape the upper mid and high frequencies of the VOLUME 2 channel. The full counterclockwise position provides less upper mid and high frequencies. Turning the dial clockwise introduces more mid and high frequencies with a slight shift in the mid emphasis.

CUT – This knob adjusts the high frequencies of the VOLUME 1 and VOLUME 2 channels. In the full counterclockwise position, upper frequencies are reduced. Turning the knob clockwise allows more high frequencies to pass.

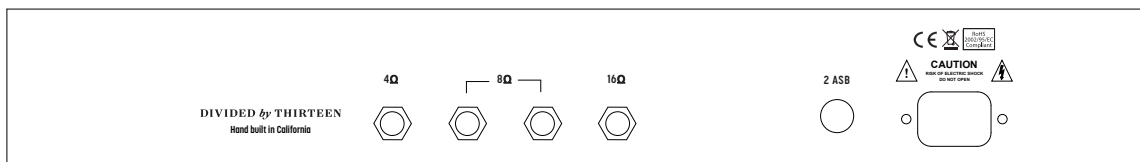
EL84/6V6 – This switch toggles between two EL84 or two 6V6 tubes in the output stage. In the “up/EL84” position, the EL84 tubes are activated, delivering 15 watts of power and offering the glassy, chime-like tone often associated with classic UK amps from the 1960s. In the “down/6V6” position, the 6V6 tubes are engaged, providing 9 watts of output and delivering a thicker, warmer “American” tone and response.

ON/ STDBY (Standby) – This switch prevents full voltage from reaching the power tubes and mutes the output. Set this to the “down/STDBY” position before turning the power switch to the “up/ON” position. After waiting 20 seconds or more, switch STDBY to the “up/ON” position to play the amplifier. For breaks, use the “down/STDBY” position to mute the output while keeping the power tubes idle, avoiding warm-up time when switched back to “up/ON.” To prolong tube life, power off the amplifier when not in use for long periods.

POWER/ OFF – This switch controls the amplifier’s power. When in the “down/OFF” position, the amplifier does not receive power, and the indicator lamp remains off. When in the “up/Power” position, the amplifier receives power, and the indicator lamp lights up. Note: this switch does not disconnect the unit from AC mains power.

INDICATOR LAMP – This lamp illuminates when the power switch is set to the “up/POWER” position, indicating the unit is receiving power. When the power switch is set to the “down/OFF” position, the amplifier is not receiving power, and the indicator lamp will not be illuminated. Note: this does not indicate the amplifier is disconnected from the AC mains power.

Head Rear Panel Functions



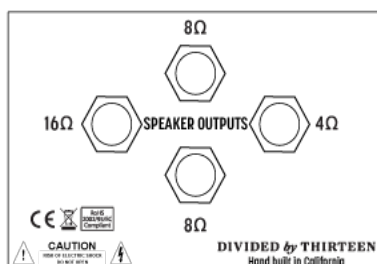
A/C Input - Connects the amplifier to A/C power via the power cable supplied. Unless otherwise specified, your amplifier is designed to operate on 120 volts A/C, 60 cycles, ONLY.

Mains Fuse – 3AG Type 250 Volt, SLO-BLO, 2 Amp

*****High Voltage Fuse** – Units produced prior to March 2025 feature an additional 3AG Type 250 Volt, SLO-BLO ½ amp fuse***

Speaker Output Jacks - There are 4 speaker output jacks; (1) 16 ohm. (2) 8 ohm, (1) 4 ohm. Be sure to match the impedance of your cabinets with the impedance (output) of the amplifier. Only one output should be used at any point except the (2) jacks labeled 8 ohm. These jacks are wired in parallel to allow a single 8 ohm cabinet or (2) 16 ohm cabinets to be connected. *****NEVER OPERATE YOUR AMPLIFIER WITHOUT A PROPER SPEAKER LOAD CONNECTED. *****

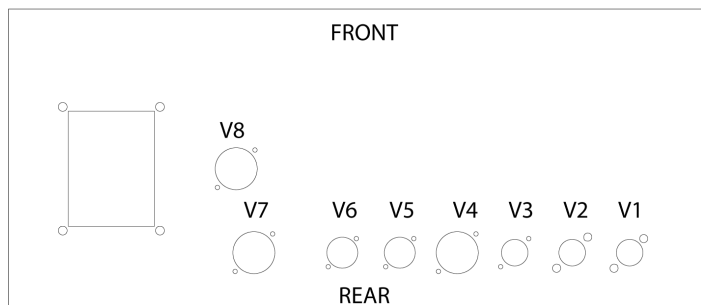
Combo Outputs:



TUBE COMPLEMENT

Each production tube is tested and matched to our exacting specifications. When the time comes that the power tubes need replacing, it's very important to use high quality, matched sets of power tubes.

- V1- Preamp 5879
- V2- Preamp 5879
- V3- Preamp 12AX7
- V4- Output 6V6
- V5- Output EL84
- V6- Output EL84
- V7- Output 6V6
- V8- 5AR4/GZ34



The JRT 9/15 utilizes cathode bias so no manual bias adjustments are required.

WARNING! No user serviceable parts inside! Refer to qualified service person only.

LINE CORD- For your safety, connect to grounded A/C receptacle only.

Divided By 13 Amplifiers

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SERIAL NUMBER: _____