Nashville-Session™ 112 &115

Amplifier

Operating Manual

FCC Compliancy Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, that may cause undesired operation.

Warning: Changes or modifications to the equipment not approved by Peavey Electronics Corp. can void the user's authority to use the equipment.

Note - This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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ENGLISH

Thank you for purchasing the all-new Peavey Nashville-Session amplifier! As the leader in pedal steel guitar amplification for over 50 years, Peavey proudly introduces the ULTIMATE answer to requests for improvements to our popular Nashville 112/400/1000 and Session 400/500/400 LTD/2000/115 models by including them along with the best features of ALL of these classic amps in an ultra-lightweight self-contained package. From the new 100% analog non-reactive high-Z input and classic hard-switched analog preamp circuitry (miniaturized for the lowest possible noise) with top shelf components throughout; to the mighty 200W(rms) power section driving all-new Peavey-proprietary 12" ceramic and 15" aluminum-capped Neodymium drivers; the Nashville-Session is EVERYTHING that it needs to be for the working pedal steel guitarist. Aside from pedal steel applications, the Nashville-Session is also a GREAT multi-instrumentalist amp, whether it be for fiddle, mandolin, banjo, accordion, or electric kazoo. The look and size of its unique cabinet design is based on classic Peavey models; however, the materials and construction have been optimized for low weight and best possible resonance and interaction with the new speakers, per model. While the 115 is the more classic and familiar-sounding variant of the two, the 112 is already making more headway for "flat" applications and it has also proven to be a FANTASTIC high-powered pedal platform for guitar. Beyond that, it is also the simplest and best engine that is currently available for "real" sounding FRFR applications ON STAGE. This type of functionality is further enhanced by the inclusion of a pre-reverb footswitchable effects loop/return, master volume, onboard 9VDC supply, and full-range XLR direct interface. There is also a ¼" speaker jack so that you can quickly and easily swap to the external speaker or your choice….or use no speaker at all. To add the sparkle and sheen on top, we have also included our all-new homebrewed reverb with both PLATE and SPRING settings, to mimic the most revered echoes of our illustrious past and finally top the old ProFex verbs like only Peavey can. Once you "pick one up" you will not want to put it down. For decades, Peavey has been listening to you, and we hope that you truly enjoy your new amp!

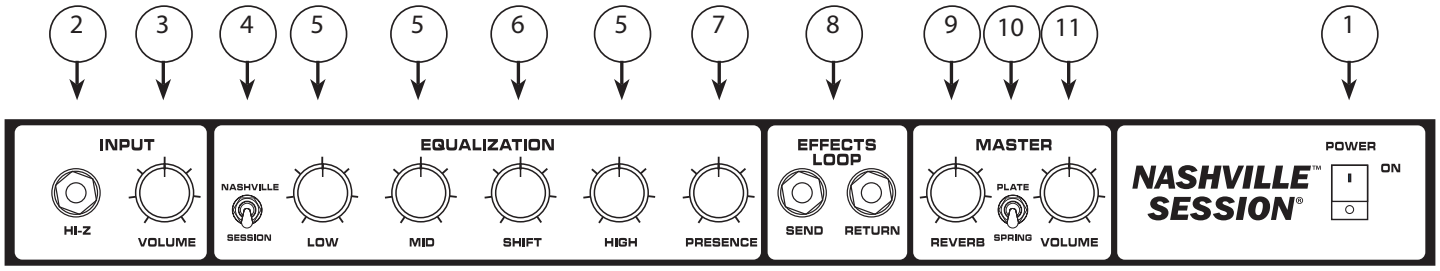
Peavey would also like to extend a special note of thanks for the invaluable input from industry legends like Bill Ferguson, Robert Randolph, Steve Hinson, and Buck Reid; without whom, this amp could not have happened.

VENTILATION: For proper ventilation, allow 12" clearance from the nearest combustible surface.

All vents should have a minimum of 2" of free air space so air can flow thru the unit freely for proper cooling. This equipment is not suitable for use in locations where children are likely to be present.

CAUTION: Hot Surface. Do Not Touch.
ATTENTION: Surface chaude. Ne pas toucher

FRONT PANEL



(1) POWER SWITCH
Applies mains power to the unit.

(2) HI-Z Input
This is the input to be received from either a volume pedal, effects device, or guitar. The input impedance is designed to be extremely high and 100% non-reactive in the audio band to achieve the least possible loading effects on passive pickups, regardless of the impedance. It also performs flawlessly with piezo systems and other high-impedance drivers.

(3) Pre Gain
Pre Gain controls the input level of the Nashville 112. Adjusting this control clockwise will increase the input level resulting in a hotter, more responsive signal.

4) Preamp Selector
This switch determines whether the signal is routed through the NASHVILLE (op-amp) or SESSION (discrete BJT) preamp circuitry. Both settings are faithful tonal recreations of the original namesake, in each case, with even the most nuanced issues solved and improved upon for the most IDEAL version of either tonal palette. The preamp signal paths are 100% analog using the highest quality and lowest noise component options available.

5) Low, Mid, and High EQ
Adjusting these knobs clockwise from the center position will amplify the low, mid, or high frequency content. Adjusting counterclockwise from the center position will attenuate the low, mid, or high frequency content.

6) Shift
The Shift knob changes the center frequency of the Mid EQ (5), allowing you to tailor the EQ to accommodate your tone requirements. The center frequency can be adjusted from about 150 Hz to 1.5 kHz. Keep in mind that the further you turn the knob away from a frequency, the less affect the Mid EQ will have on that frequency. Note: The shift and MID controls interact in determining the preferred mid-range settings.

7) Presence
Presence is an active tone control that boosts the extreme high frequencies up to 15 dB.

8) Effects Loop
Send:
This 1/4" output jack supplies signal to external low-level effects or signal processing equipment. Although the actual effects loop is footswitchable, the SEND output is always active which can make it useful for sending the preamp signal to another amplifier.

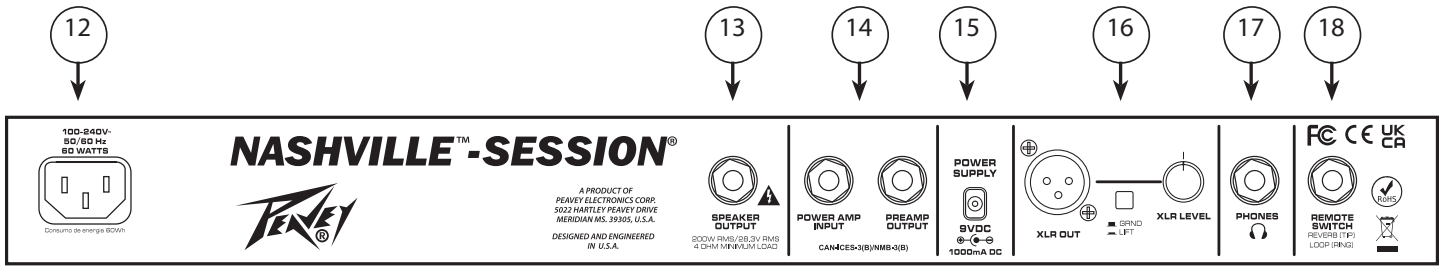
RETURN
1/4”input jack for returning signals from external low-level effects or signal processing equipment. This is a switching jack: Inserting a plug into this jack will break the signal path from the EFFECTS SEND jack. If the effects loop is used, then it will automatically be on. However, a footswitch can also be used to bypass the effects loop.

9) Master Reverb
Adjusting this control clockwise will result in more reverb content in the output of the amp. The reverb can be defeated by rotating the control counterclockwise or via the footswitch (not included).

10) Plate/Spring Reverb Switch:
This switch selects between two very specially voiced reverbs for either a classic SPRING sound, to mimic the classic Peavey amp models; or an all-new PLATE option, which represents a sonic improvement to the old Pro-Fex reverb patches developed by Jeff Newman and others, using modern DSP processing.

11) Master VOLUME
This controls the overall volume level of the amplifier. The final adjustment to this control should be made after the desired sound/tone has been achieved.

REAR PANEL



12) IEC MAINS CONNECTOR
This is a standard IEC power connector. An AC mains cord having the appropriate AC plug and ratings for the intended operating voltage is included in the carton. The mains cord should be connected to the amplifier before connecting to a suitable AC outlet.

U.S. DOMESTIC AC MAINS CORD
The mains cord supplied with the unit is a heavy-duty, 3-conductor type with a conventional 120 VAC plug with ground pin. If the outlet used does not have a ground pin, a suitable grounding adapter should be used, and the third wire should be grounded properly.

Never break off the ground pin on any equipment. It is provided for your safety.

NOTE: FOR U.K. ONLY
If the colors of the wires in the mains lead of this unit do not correspond with the colored markings identifying the terminals in your plug, proceed as follows: (1) The wire that is colored green and yellow must be connected to the terminal that is marked by the letter E, the earth symbol, colored green, or colored green and yellow. (2) The wire that is colored blue must be connected to the terminal that is marked with the letter N or the color black. (3) The wire that is colored brown must be connected to the terminal that is marked with the letter L or colored red.

13) SPEAKER OUTPUT
¼" mono jack is provided for the connection of speaker enclosure. Always use good quality speaker cables (not shielded instrument cable) for these connections.

14)Effects Loop
The effects loop (Power amp Input/Preamp Output) is used to route signal path through external effects devices or signal processors.

15) 9VDC AUX POWER SUPPLY
These pedal-standard, 9VDC (negative tip) barrel jacks are provided for quick power connection to a variety of pedals or other peripheral devices. Each jack is capable of providing up to 500mA of current.

16) MSDI SECTION
The proprietary Peavey MSDI circuit provides a balanced microphone-simulated direct signal to outboard recording gear and mixers. The "microphone" compensation very accurately reproduces the sound of whatever cab you are using in conjunction with the Nashville-Session. The LEVEL control adjusts the output level of the XLR jack, and the GROUND LIFT switch is used to break hum-inducing ground loops between the Nashville Session and any outboard equipment.

17) Headphone Jack
A headphone jack is provided for stereo headphones. This switching jack disengages the internal speaker when plugged in.

18) Remote Switch
This jack is provided for the connection of the optional footswitch (#03620960 2-button w/LEDs). The footswitch is a multi-function type, allowing you to defeat the reverb and/or the effects loop. To use the footswitch, insure that the footswitch plug is inserted fully into the jack.

SPECIFICATIONS

NASHVILLE-SESSION 112/115 - SPECIFICATIONS
Power Amplifier Section:
Rated Power & Load:
- 200W(rms) into 4 Ohms (with DDT compression)
- 110W(rms) into 8 Ohms (with DDT compression)
- 55W(rms) into 16 Ohms (with DDT compression)
- 2.7 Ohms minimum load - 2 Ohm operation not recommended.

Frequency Response:
- +0, -3 dB, 20 Hz to 30 kHz @ 200W(rms), 4 Ohms

Total Harmonic Distortion:
- 1% THD+N @ 200W(rms), 1 kHz, 4 Ohms
- 0.003% THD+N @ <100W(rms), 1kHz, 4 Ohms

DDT Dynamic Range:
- Greater than 20 dB

DDT Maximum THD:
- <0.5% THD+N for 6 dB overload
- <1% THD+N for 20 dB overload

Hum & Noise:

Greater than 112 dB below rated power (A-weighted)

Power Consumption:

60W at 1/8th rated output power, 50/60 Hz, 100-120 VAC

Preamp Section:

The following specs are measured @ 1kHz on the Nashville setting with all EQ controls preset to center (12 o'clock), Master Volume on 10 (full CW), Reverb on 0 (full CCW). Nominal levels are measured with the Input Volume set to 5 (12 o'clock):

Preamp Hi-Z Input:

Impedance: >10Meg Ohms

Nominal Input Level: 40mV(rms)

Maximum Input Level before clipping: 1.9V(rms)

Effects Loop Send and Return:

Send Load Impedance: >1k Ohms

Nominal Input/Output Level: 0.5V RMS

Return Input Impedance: 1M Ohms

Preamp Output/Power Amp Input Loop:

Preamp Output Load Impedance: >1k Ohms

Nominal Input/Output Level: 0.75V(rms)

Power Amp Input Impedance: 1M Ohms

Equalization (Nashville):

Low: +/-15dB @ 45Hz, shelving

Mid: +/-15dB @ Mid Shift frequency, boost/cut

Mid Shift: 150Hz to 1.5kHz

High: +/-15dB @ 6kHz

Presence: +/-15dB @ 10kHz, shelving

Equalization (Session):

Low: +/-20dB @ 50Hz

Mid: -15dB @ Mid Shift frequency, cut only

Mid Shift: Passive 50-2kHz; Dependent on Low/High settings

High: +/-15dB @ 2kHz

Presence: +15dB @ 8kHz

External Footswitch Functions (use Peavey #03620960, 2-button w/LEDs):

Effects Loop (ring) & Reverb defeat (tip)

Dimensions & Weight:

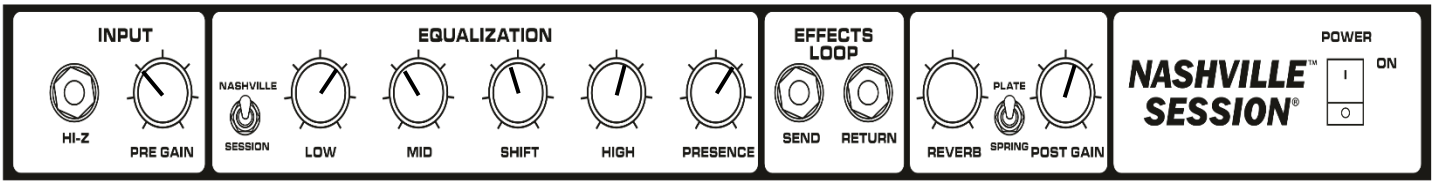
115 = 21.7"H x 20.2"W x 11.0"D - 25 lbs.

112 = 18.5" x 20.2"W x 11.0"D - 26 lbs.

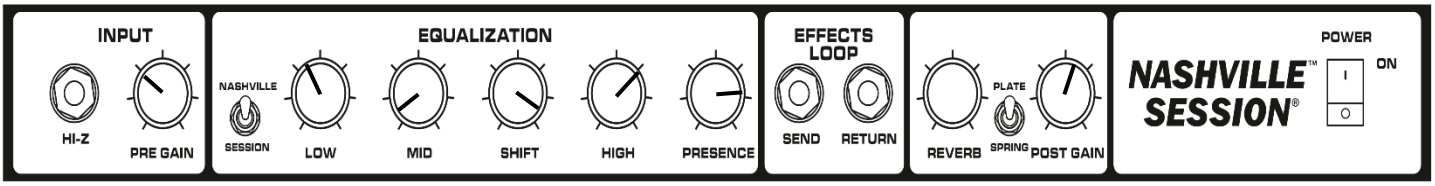
NOTE: There is a 3/8-16T T-nut insert on the front bottom of the cabinet so that the user can add a, bolt, threaded stud, or large appliance levelling foot to provide a precision fully adjustable tilt back foot. Take care to be sure that the foot is not so long, such that the amp may fall on its back when bumped.

Suggested “Quick Start” for **NASHVILLE** preamp:

STEEL GUITAR – Nashville

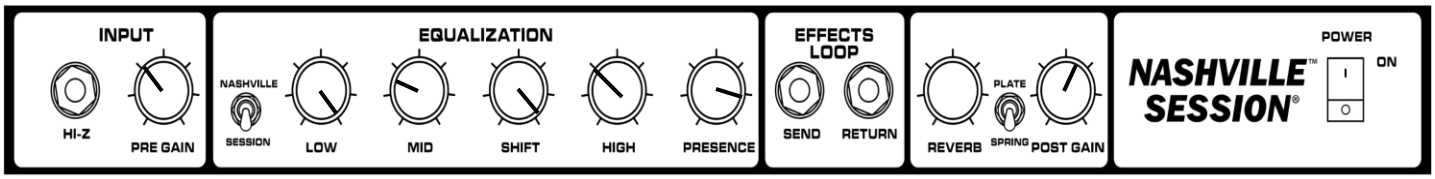


FIDDLE – Nashville

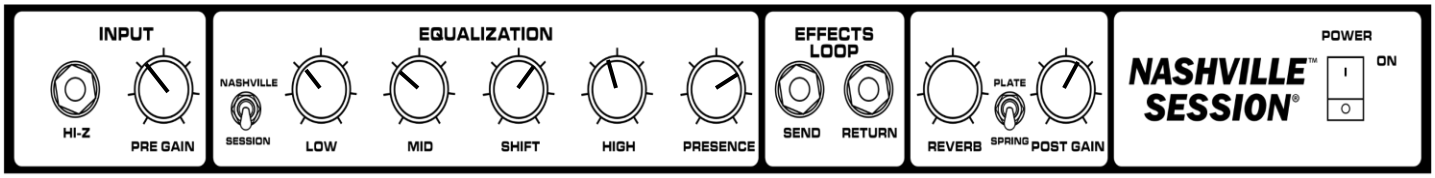


Suggested “Quick Start” for **SESSION** preamp

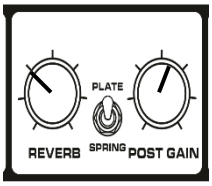
STEEL GUITAR - Session

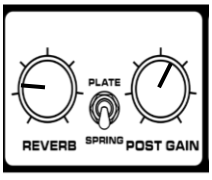


FIDDLE - Session

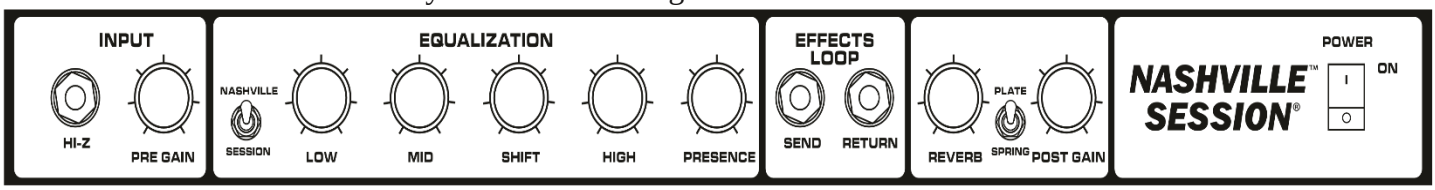


Suggested “Quick Start” for Dual Reverb

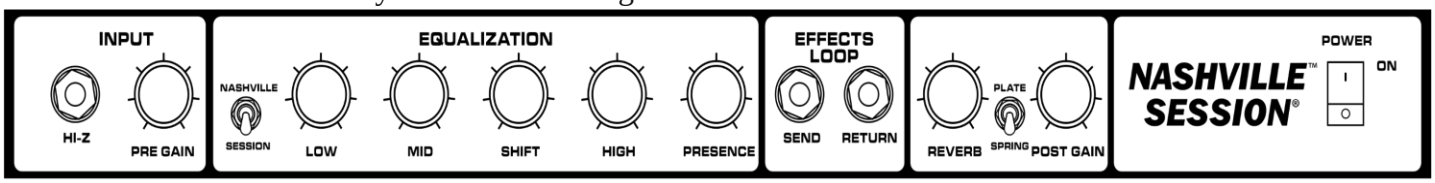
PLATE 

SPRING 

NASHVILLE BLANK – To add your favorite settings



SESSION BLANK – To add your favorite settings



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Warranty registration and information for U.S. customers available online at
www.peavey.com/warranty
or use the QR tag below

Features and specifications subject to change without notice.

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Logo referenced in Directive 2002/96/EC Annex IV
(OJ(L)37/38,13.02.03 and defined in EN 50419: 2005
The bar is the symbol for marking of new waste and
is applied only to equipment manufactured after
13 August 2005