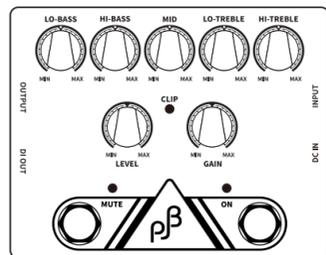




PHIL JONES BASS



PE5 WB

BASS EQ PREAMP & DI

OWNER'S MANUAL

Thank you for choosing the Phil Jones Bass (PJB) PE5 WB. This compact, road-ready preamp/DI is designed primarily for electric bass and upright bass, but it also works beautifully with guitar, keyboards, and other instruments. This manual will help you get the very best performance from your PE5 WB for years to come.

READ THIS FIRST!

- Inspect the unit immediately after delivery.
If you see any shipping damage, contact your dealer at once.
Use only the manufacturer-specified accessories (e.g., included or recommended power supply).
To reduce the risk of fire or electric shock, keep the unit away from rain and moisture. Do not expose it to dripping or splashing.
Power: 9-18 V DC, center-negative (tip -, sleeve +). Do not use AC adapters.
If you experience noise or unstable operation, verify your power supply can deliver sufficient current.

Responsible Disposal

Do not dispose of this product with household waste. Recycle it responsibly via local collection systems or return it to the retailer for environmentally safe recycling.

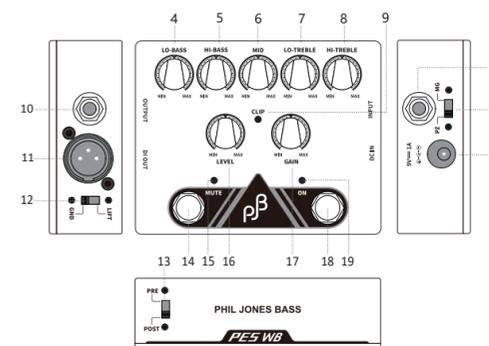
Overview

- Switchable input impedance precisely matches magnetic (MG) and piezo (PZ) pickups for full bandwidth tone-especially important for upright bass and other piezo systems.
Input Gain and Output Level controls let you optimize headroom, drive any amplifier cleanly, or feed a powered speaker/power amp directly.
Studio-grade 5-band EQ with matched band levels and constant Q for predictable, musical tone-shaping. Frequencies are voiced for bass instruments.
Transformer-isolated balanced XLR DI delivers a clean, low-noise signal to mixers and recorders, with Pre/Post EQ and Ground Lift switches.
True Bypass and Mute footswitches for silent tuning and flexible live control.
Rugged die-cast aluminum housing built for years of reliable use.
Power from any 9-18 V DC (center-negative) pedal supply; no internal battery.

Quick Start

- Connect your instrument to the 1/4" INPUT.
Set INPUT IMPEDANCE to "MG" for magnetic pickups or "PZ" for piezo pickups.
Start with EQ controls at 12 o'clock.
Set OUTPUT LEVEL low, then raise INPUT GAIN while playing your loudest notes until the Overload LED just flickers; back off slightly.
Raise OUTPUT LEVEL to the desired volume for your amp or powered speaker.
For the XLR DI, connect to a mixer/recorder; choose PRE (direct) or POST (includes EQ). Use GND LIFT if hum occurs.
Use MUTE for silent instrument changes or tuning. Use BYPASS to compare EQ'd vs. direct tone.

Controls & Connectors



Numbers correspond to the panel diagram. (If your unit lacks numbering on the enclosure, the functions are as listed below.)

- 1/4" INPUT: Unbalanced instrument input (standard TS cable).
INPUT IMPEDANCE (MG/PZ): "MG" for magnetic pickups; "PZ" for piezo pickups (very high impedance). Select the position that matches your pickup type for best tone and noise performance.
DC IN: 9-18 V DC, center-negative (tip -, sleeve +).
LOW BASS: Fundamental weight for lower strings (E/A; on 5-string: B/E/A).

- HIGH BASS: Low-mid punch and body (D/G on most basses).
MID: Core definition and presence of the instrument in a mix.
LOW TREBLE: Upper mids / articulation (note attack, fingerboard detail).
HIGH TREBLE (PRESENCE): Air and string sheen; adds clarity without harshness when used moderately.
OVERLOAD LED: Lights when the input stage is near clipping. Reduce INPUT GAIN if it remains on while playing.
1/4" OUTPUT: Unbalanced line/instrument-level out to amp, power amp, or powered speaker.
BALANCED XLR OUT: Low-impedance (~200 Ohm) transformer-isolated DI to mixers/recorders. Not affected by OUTPUT LEVEL.
GND LIFT (XLR): Disconnects audio ground on the DI to help eliminate ground-loop hum.
PRE/POST (XLR): Choose PRE (direct, no EQ) or POST (includes EQ) for the DI signal path.
MUTE FOOTSWITCH: Silences both 1/4" and XLR outputs; MUTE LED shows status.
MUTE LED: Blue when muted.
OUTPUT LEVEL: Sets the 1/4" output level; does not affect the XLR DI.
INPUT GAIN: Optimizes gain for weak or hot pickups; use with Overload LED.

18. EQ/BYPASS FOOTSWITCH

Engages or bypasses the preamp/EQ. True Bypass ensures no tonal loss when bypassed; LED turns green when active.

19. EFFECT ON LED

Indicates when the preamp/EQ is active.

EQ Voicing

The five EQ bands are carefully chosen for bass. Adjacent bands provide equal boost/cut ranges and identical Q, so dialing in musical tones is fast and predictable.

Specifications

Table with 2 columns: Parameter and Value. Includes Input Impedance, Max Input, Gain Range, EQ Bands, Controls, Switches, Outputs, Power Requirement, Dimensions, and Weight.

Usage Tips

- Piezo Systems (upright, acoustic instruments): set INPUT to PZ; start with INPUT GAIN lower than you would for magnetic pickups; use LOW BASS sparingly and experiment with MID to add focus.
Active vs. Passive Bases: active instruments may need less INPUT GAIN; passive instruments may benefit from slightly higher gain-use the Overload LED as your guide.
Headroom: powering at 18 V DC increases available headroom versus 9 V supplies.
DI to FOH/Studio: PRE gives a clean, unaffected signal; POST lets you send your stage EQ to the mixer. Use GND LIFT if you hear hum.
Mute for Tuning: engage MUTE for silent tuning and cable swaps during a set.

Troubleshooting

Table with 2 columns: Symptom and Solution. Includes No sound, Hum or buzz (DI), Clipping/Distortion, Weak piezo tone, and No DI level change with OUTPUT LEVEL.

Service & Warranty

The PE5 WB is covered by a one-year limited warranty on parts and labor for the original owner when purchased from an authorized PJB dealer. Register online within 15 days of purchase at https://pjbworld.com/warranty/.

This warranty covers defects in materials or workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications or repairs, or acts of nature. Warranty terms may vary outside the United States; check with your local distributor.

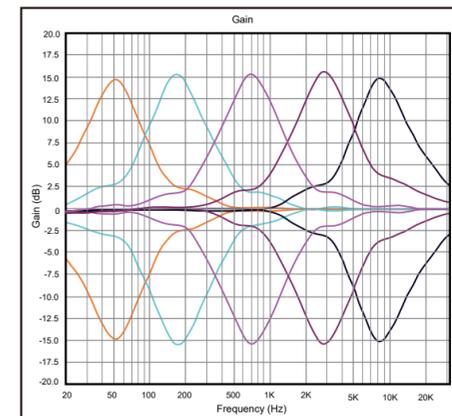
For service, contact your retailer first-even for online purchases. When a local distributor is available, customers who purchased across regions may be responsible for shipping charges to the retailer.

Contact

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https://www.pjbworld.com/cms/index.php/dealers/



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