



DT25 Guitar Amplifier

Pilot's Guide

Manuel de pilotage

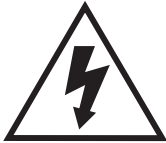
Pilotenhandbuch

Pilotenhandboek

Manual del Piloto

取扱説明書

Important Safety Instructions



CAUTION
RISK OF ELECTRIC
SHOCK DO NOT OPEN



WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT REMOVE SCREWS. NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THE APPLIANCE TO RAIN OR MOISTURE.

CAUTION: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of 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, including interference that may cause undesired operation.



The lightning symbol within a triangle means “electrical caution!” It indicates the presence of information about operating voltage and potential risks of electrical shock.



The exclamation point within a triangle means “caution!” Please read the information next to all caution signs.

Please Note:

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SERIAL NO: _____

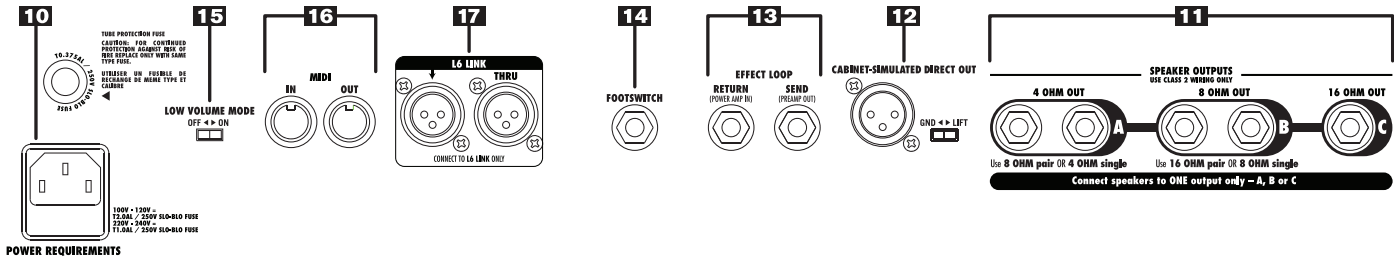
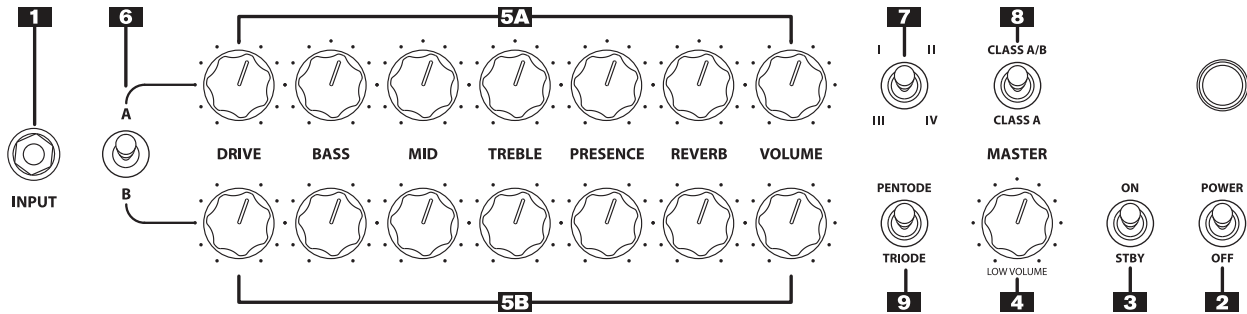


You should read these Important Safety Instructions. Keep these instructions in a safe place



- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- This apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- **WARNING:** To reduce the risk of fire or electric shock do not expose this apparatus to rain or moisture.
- The appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Connect only to AC power outlets rated: 100/120V 220/240V 50/60Hz (depending on the voltage range of the included power supply).
- Prolonged listening at high volume levels may cause irreparable hearing loss and/or damage. Always be sure to practice "safe listening."
- Service 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 unit has been exposed to rain or moisture.
 - the unit is dropped or the enclosure is damaged.
 - the unit does not operate normally or changes in performance in a significant way.





FRONT PANEL CONTROLS & CONNECTIONS

- 1. Guitar In** – Plug your guitar in here.
- 2. Power Switch** – Connect the included power cable to your rear panel. For optimum tube life always power your amp on with your amp set to **STBY**.
- 3. Standby Switch** – Allow the amp to warm up for one minute before setting **STBY** to **ON**. This extends the life and performance of your vacuum tubes. It is not necessary to set the amp to **STBY** before setting the Power Switch to its **OFF** position, but it can be a good

- 4. Master Volume** – Sets the overall volume of the amplifier without having to change your individual channel settings.
- 5. Channel A & B Controls** – **DRIVE** controls how much “dirt” or “distortion” you get in your sound. **BASS**, **MID**, **TREBLE** and **PRESENCE** controls will interact differently depending on which **VOICING** you have selected. **REVERB** adjusts the channel’s reverb level, allowing you to switch between channels with different amounts of reverb. If you don’t want any reverb, simply turn this knob fully

counter-clockwise. **VOLUME** sets the output level for its channel only.

- 6. Channel Select Switch** – DT25 features two independent channels, **A** & **B**. When set to **A**, use the (5A) controls. For **B** use the (5B) controls. You can assign unique combinations of **Voicing/Feedback Topology, Amplifier Operating Class** and **Pentode/Triode** settings for each channel. This provides much more than the traditional clean/dirty channel configuration. Either channel can be set up any way you like...even identically, if that's what you're looking for. Customization of each channel is not limited to simply changing some components of the preamp or tone stack - the entire power section can be reconfigured and switched instantly too. It's like having two extremely versatile tube amps in one box!
- 7. Voicing Switch** – This switch determines the flavor of the currently selected channel's preamp and tone stack, as well as the Negative Feedback Loop topology (NFL). NFL has a big impact on tonal characteristics and the overall "feel" of the amp. Flip the switch up or down to toggle through settings I through IV. With a single switch your tone can go from clean to mean. Each voicing is distinct:
 - I** – Puts the NFL in its tightest setting while configuring the Channel Control's behavior reminiscent of the great American "Blackface" amps of the 60's.
 - II** – Sets the NFL topology to be a little looser than I while the Channel Control settings are capable of dialing in echoes of classic British amps.
 - III** – This is the Zero Negative Feedback Loop setting which produces a very "open" or "dynamic" feeling amp. In this setting, the Channel Controls are configured for versatility with a distinct "chime-y" quality.
 - IV** – Setting IV brings the NFL back in and adds a low frequency resonance that pairs quite well with high gain voicing applied to the Channel Controls.
- 8. Class A / Class AB Switch** – **Class A** operation is more dynamic with greater touch sensitivity. Use **Class AB** operation for greater

headroom and power. In addition to setting the operating class, this switch also determines the wattage and bias type:

When set to **Class A** the amp is running at 10 Watts and cathode biased. When set to **Class AB** the amp is running at 25 Watts and fixed biased.

Try both settings with each voicing to see what sounds best to you.

- 9. Pentode / Triode Switch** – This switch changes the configuration of the power tubes. Set switch to **Pentode** to sound clear and commanding. **Triode** sounds quieter and rounder with a more vintage feel.

REAR PANEL CONTROLS & CONNECTIONS

- 10. Power Cord Receptacle** – Plug the included power cable here.
- 11. Speaker Outs** – Connect speakers here using speaker cables only. You should only use one output (**A, B, or C**) at a time and never power the amplifier up without speakers connected. If you want to silence the speakers, use the Standby switch. The details are as follows:
 - Output A** is for a 4-ohm speaker load. You can either hook up one 4-ohm speaker/cab or two 8-ohm speakers/cabs
 - Output B** is for an 8-ohm speaker load. You can either hook up one 8-ohm speaker/cab or two 16-ohm speakers/cabs.
 - Output C** is for a single 16-ohm speaker load.
- 12. Cabinet Simulated Direct Out** – Provides a transformer-tapped direct output with cabinet simulation for studio recording or live performance without mic'ing your amplifier. The ground lift switch can be used to eliminate hum or buzz.
- 13. Serial Effect Loop** – Use the effect loop to send your audio signal to external effects processors and stomp boxes such as modulations, delays & reverbs. **Note:** Signal path is in series. When using the **SEND**, audio will not pass through to the poweramp without a connection back to the **RETURN**.

14. Footswitch – Connect a Tip-Ring-Sleeve (TRS) latching, two-button footswitch for easy access to switching Reverb On and Off (Global) and switching between **Channels A & B**. Alternately, connecting a Tip-Sleeve (TS) latching, single-button footswitch provides easy access to switching between **Channels A & B**.

15. Low Volume Mode - If you need to tame your DT25 power section, set this switch to **ON** to reduce your the output volume of your DT25. Now you can set your **Master Volume** for whisper quiet operation.

16. MIDI – Integrate your DT25 amp into your existing MIDI rig.

17. L6 LINK – is a powerful, proprietary connection developed by Line 6 to enable easy, reliable, one-cable connectivity between various Line 6 products. In the case of the DT25 Series guitar amplifiers and POD HD (300/400/500) series multi-effects processors, this connection allows both products to sync and communicate uniquely with each other. **L6 LINK** passes both audio and control data in a single XLR cable, and the resulting operation allows users to plug a single cable from their POD HD family processor into a DT25 series amp and receive many incredible benefits:

- No additional cables are required to connect a POD HD (300/400/500) to a DT25 series guitar amplifier.
- Changing Tone settings (for example) on either the POD HD or DT25 immediately updates the other, with the result that both units stay perfectly in sync.
- “Edit” a preset on a POD HD by simply turning knobs on the DT25 as one would on any other guitar amp, then save it on the POD HD to perfectly recall every time the preset is selected.
- This one is crazy cool! Calling up a particular amp model or preset on the POD HD enables the DT25 to dynamically reconfigure itself in the analog realm to optimize its components to match the source amplifier. Change your preset on a POD HD, and the DT25 will immediately align itself in the analog realm to such things as the appropriate Class A or AB operation, Biasing method, Feedback topology, Triode/Pentode power tube configuration and more!

- Automatic sensing allows amps that are daisy-chained via L6 LINK to operate in a variety of ways, depending on which POD HD is connected. At a minimum, all POD HD multi-effects support stereo operation with linked DT25s, and POD HD500 supports up to four uniquely linked amps making stereo and wet/dry/wet configurations easily available.

More online at www.line6.com/manuals

While you're online be sure to register your amp or simply fill out and mail us your included registration card. Registering gets you all set up for warranty service should you have an issue with your amp, and also qualifies you for contests, special offers and more.

MIDI IMPLEMENTATION

ContinousController (MIDI CC #)	Value	Function
19	0-63 = Channel A, 64-127 = Channel B	Channel A/B Toggle
77	0 =Voicing I, 1 =Voicing II, 2 =Voicing III, 3 =Voicing IV	Channel A Voicing (I, II, III, IV)
73	0-63 = Class A, 64-127 = Class AB	Channel A Operation Class Configuration (Class A / Class AB)
75	0-63 = Triode, 64-127 = Pentode	Channel A Power Tube Configuration (Pentode/Triode)
36	0-63 = Reverb Off, 64-127 = Reverb On	Channel A Reverb On/Off
114	0 =Voicing I, 1 =Voicing II, 2 =Voicing III, 3 =Voicing IV	Channel B Voicing (I, II, III, IV)
115	0-63 = Class A, 64-127 = Class AB	Channel B Operation Class Configuration (Class A / Class AB)
116	0-63 = Triode, 64-127 = Pentode	Channel B Power Tube Configuration (Pentode/Triode)
105	0-63 = Reverb Off, 64-127 = Reverb On	Channel B Reverb On/Off

