



POD[®] HD400

Pilot's Handbook

Manuel de pilotage

Pilotenhandbuch

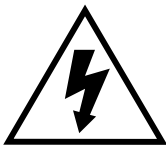
Pilotenhandboek

Manual del Piloto

取扱説明書

Go to www.line6.com/manuals and download the Advanced User Guide

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:

Line 6 and POD are trademarks of Line 6, Inc. registered in the U.S. and other countries. DT50 is a trademark of Line 6, Inc. All rights reserved.

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.

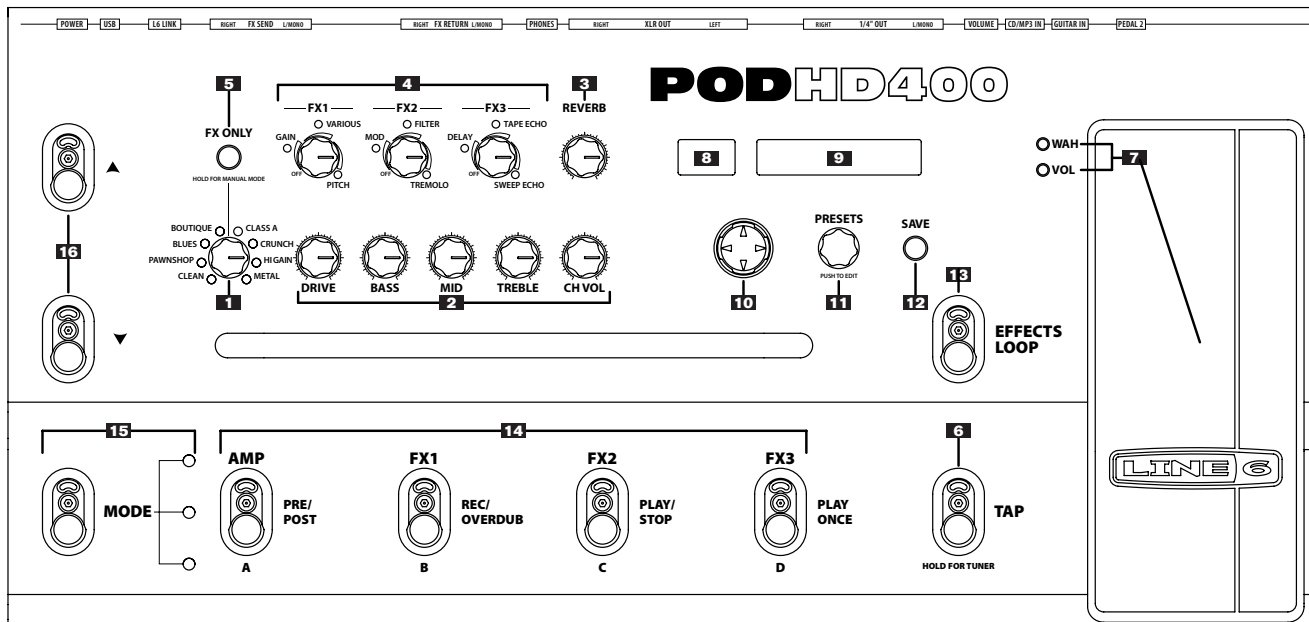


WELCOME TO POD HD400

Thank you for inviting POD HD400 home with you! Our engineers have worked long and hard to bring you the new POD HD series of multi-effects processors. Featuring brand new HD Amp modeling, POD HD400 also features effects taken from our industry standard M series of products - M5, M9 & M13. But that's not all! POD HD processors are the first products to feature L6 LINK, an exclusive connectivity protocol that opens up a whole new world of features and control for serious musicians when used with other compatible products (for example, DT50 series guitar amplifiers from Line 6!).

When you're ready to get deeper, we recommend you get the Advanced User Guide & Model Gallery for POD HD400 by visiting us online at www.line6.com/manuals. And while you are online, be sure and download the free POD HD400 Edit software application from our Downloads page. If you don't have Line 6 Monkey installed be sure to download that to keep your POD HD400 updated with the latest firmware. Basic operations are covered here in this user manual, so let's get started.

FRONT PANEL CONTROLS



1. **Amp Models** - Spin this knob to select one of the Amp Models. The LED will show red or green giving you two model types in each model category. All the guitar tone and FX controls will automatically be set to sound great with that Amp Model, so you can just play! When you turn this knob the **Display** will briefly show the currently loaded Amp Model name, along with the current settings of the **DRIVE, BASS, MID, TREBLE, CHVOL** and **REVERB** knobs. Amp Models get progressively heavier and distorted as you turn the model knob clockwise.

2. **Tone Controls - DRIVE** is like the gain knob on other amps; controlling how much dirt or distortion you get in the sound. **BASS, MID,** and **TREBLE** controls are customized for each Amp Model to give you optimal tonal control. When you turn any of these knobs, the display will briefly show the current settings of the **DRIVE, BASS, MID, TREBLE, CHVOL** and **REVERB** knobs.

3. **Reverb** - Dial in more or less virtual room or other reverb type. While turning the knob, the display will show you the current setting. While bars are displayed, select any of the 9 Reverb Models from **Plate** to **Echo** by turning the **PRESETS** Knob.

4. **Smart Control FX** - Spin one of these knobs to get great FX. **Important Note:** Each Smart Effect (or swoosh!) has alternate effects "behind" it. While bars are displayed in the LCD, turn the **PRESETS** knob to select an alternate effect for that swoosh.

FX1 picks **GAIN, VARIOUS,** or **PITCH** with a range of settings "from subtle to extreme" for each effect. Whenever you turn this knob, the **Display** shows the active effect. Turn the **FX1** knob all the way down to turn this effect off.

FX2 knob selects from a range of **MOD, FILTER,** or **TREMOLO** effects with settings evolving "from subtle to extreme" with the turn of a knob. As before, the **Display** shows the current active effect which can be selected with the **PRESETS** knob as long as the bars are visible. Turn the **FX2** knob all the way down to turn this effect off.

FX3 picks **DELAY, TAPE ECHO,** or **SWEEP ECHO** effects with settings from low to high. Turn this knob to display the active effect, and the **TAP** LED flashes your delay time. To change the delay time, stomp the **TAP** footswitch a few times to the desired tempo. Turn the

knob all the way down to turn this effect off.

5. **FX Only (Manual Mode)** - You can choose to use your POD HD400 as a multi-fx unit without adding the character of the POD HD400 Amp Modeling. You might prefer this when using your POD HD400 in front of your guitar amp. Pressing the **FX ONLY** button illuminates the red LED and globally disables Amp Modeling. Now, only **Smart FX** and **REVERB** will be applied to the guitar signal.

Manual Mode: Press and hold this button to bypass current presets shown in your display. Now your physical knob positions, where each knob is set, will determine settings and sounds. When in **Manual Mode** your **7 Segment Display** will read ---. Selecting or saving any preset will automatically return you to **Preset mode**, where all effects and settings are loaded per preset.



6. **Tap Tempo** - Stomping the **TAP** button a few times sets the tempo of your **FX2** modulation and **FX3** delay effects. (Remember, most time-based effects in POD HD400 can have the **TAP** set to **Control** or **Don't Control** - more on that in the Edit section!)

Press and hold **TAP** to enter **Tuner Mode**. Your note is shown in the **Bank/Preset Display**, and the Tuning meter is shown in the **Main Display**.




7. **Expression Pedal** - The lights to the left of this pedal show whether the pedal will operate as a **Wah** effect, **Volume** Pedal, or (when both lights are lit) **FX1 Pitch Glide** effect. Press the toe down to change modes. Also, see the advanced guide for calibration instructions.

8. **Bank/Preset Display** - POD HD400 comes preloaded with a minimum of 128 presets. Presets (**A,B,C & D**) are stored in Banks (**1-32**). This segmented display always shows the currently loaded preset or --- when in **Manual Mode**. We'll talk more about presets later in this guide.

9. **Main Display** - This display shows various pages as you work the controls.



10. 4 Way Nav Disc - Used to move through options on certain pages in your **Main Display**. Press the left or right side of the 4 Way Nav when  is displayed next to an item to change settings. Press up and down when  is displayed next to an item.


11. Presets Knob - Turn this knob to scroll through all of the stored presets.

Press the **PRESETS** knob to enter **Edit Mode**. Here you'll discover the power to deep edit effects as you make your way through the various edit pages. Press  on the **4-WAY NAV** to scroll through the edit pages. Press  to move through the available edit parameters of each page. To edit a parameter, turn the Presets Knob  to change values or settings.



Let's practice editing a preset (just because we can)! We're going to add a **Pitch Glide** effect to our preset, and assign the pedal to control it. It's easy- promise!



- Spin the **PRESETS** Knob to preset location **06C**. (You can also use a combination of **Bank Up/Down** commands via the footswitches to get there) You are in **bank 6, location C**. The **Main Display** should read **T-Man Crunch** as the preset name.


BANK  06C
 T-Man Crunch

- Press the **PRESETS** Knob to enter **Edit Mode**. Press  on the **4-way Nav** until you see **FX1** in the upper left hand corner of the **Display**. The currently loaded Effect to the right of **FX1** should say **Screamer**.


 FX1:Screamer
 Model  Select

- Press the  on the **4-way Nav** until you see **Model** displayed on the left in the lower line of the **Display**. It will say **Select** to the right of the  icon. Turn the **PRESETS** knob, and you'll notice you are scrolling through the available effects in the **FX1** slot. Keep turning until you select **Pitch Glide**.


BANK  06C
 T-Man Crunch

- Press the  on the **4-Way Nav** to see **Routing**. Turn the **PRESETS** knob to select **Post**. (You've just put the **Pitch Glide** effect **Post** amp modeling.)


 FX1:PitchGlide
 Routing  Post

- Press the  on the **4-Way Nav** to see **Pedal**. Turn the **PRESETS** knob to display **Wah=Glide**. (Now, when you press the toe down on the pedal to switch modes, instead of the **Wah** effect you'll be controlling the **Pitch Glide**)


 FX1:PitchGlide
 Pedal  Wah=Glid

- Press the  on the **4-Way Nav** to see **Heel**. This sets the amount of pitch shift when the pedal is in the heel down position. Let's turn the **PRESETS** knob to select **-12.0** (semi-tones, or an octave down)

 FX1:PitchGlide
 Heel  -12.0

- Press  on the **4-Way Nav** to **Toe**. Turn the **PRESETS** knob to **+12.0** (semi-tones, or an octave up)

 FX1:PitchGlide
 Toe  12.0

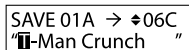
- Press the  on the **4-Way Nav** to see **Mix**. Turn the **PRESETS** knob to set the **MIX** level to 100%. (**Tip**: Hold down the **PRESETS** knob as you turn it to scroll through values more quickly!)

 FX1:PitchGlide
 Mix  100%

- Press the toe switch on the **Expression Pedal** so both **WAH** and **VOL** LEDs are lit next to the pedal.

You've just created a preset that glides from an octave down to an octave up when you rock the pedal. You are amazing! If you are in love with this sound (and who wouldn't be!), be sure to name and save as described below.

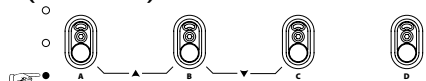
12. **Save** - You can save your custom sounds or modifications by overwriting any of the existing presets. Press the **SAVE** button, your display will appear similar to this:



The preset location shown above left is your current location. To save to a new preset memory location, press **◀** on your **4-WAY NAV** to access a new preset location (shown as **06C** above). You can personalize the preset name you are saving (shown as PRESET NAME above). Press **◀▶** on the **4-WAY NAV** to move the flashing black cursor over the character you want to edit, then turn the **PRESETS** knob to change the character. Press **SAVE** when finished to save your changes. To abort your save, press the **TAP** footswitch. **Remember:** POD HD400 has a free software editor, **POD HD400 Edit**, available for download at Line6.com. This app (Windows and Mac) makes it easy to see and edit the signal flow, save presets individually or in bundles, and share presets online at CustomTone.com.

13. **Effects Loop** - Stomp this switch to activate your **FX Send** and **FX Return** on and off. Press the **PRESETS** knob and use the **4-Way Nav** to access the **FXLOOP** page to route the **Effects Loop Pre** or **Post**, **Mix** amount, as well as adjust the gain levels for the **Send** and **Return**.
14. **Multi Use Footswitches** - Hands free control access to all presets, looper function and stomp box style on/off operation for live and studio situations. There are 3 modes of operation described below.
15. **Mode Footswitch/LEDs** - Use this switch to toggle through the 3 available footswitch modes.

Preset Mode (Green LED):



Press a footswitch to load its preset (**A**, **B**, **C** or **D**).

Looper Mode (Red LED):



Equips your POD HD400 with 24 seconds of looping capability. The **PRE/POST** footswitch allows you to set your loop recording and playback either before amp and effects modeling or after (LED off=**PRE**, LED on=**POST**). Recording in **PRE** mode (LED off) let's you record your guitar, then audition various effects with your loop playing back, while recording in **POST** mode (LED on) captures your amp and effects in the loop and then layer different sounds by changing presets.

Note: changing the state of the **PRE/POST** footswitch while the loop is playing back can dramatically change the volume, so be careful!) Stomp **REC/OVERDUB** to start recording a loop then stomp **PLAY/STOP** to end loop and immediately start playback. You can overdub additional parts by again, stomping the **REC/OVERDUB** switch. Stomp **PLAY/STOP** to stop or start playback. You can exit Looper Mode even when a loop is still playing to switch presets or turn amps and effects on/off and return back to add additional loops. How cool is that?

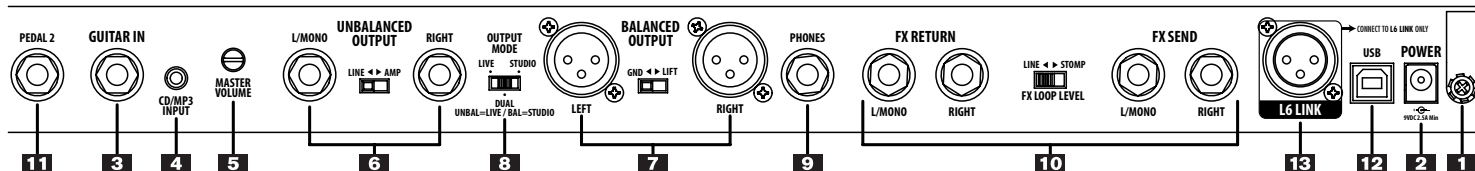
Pedal On/Off Mode (Amber LED):



Gain total control of your preset tone in Pedal On/Off mode. There are 4 components to your signal path - **AMP**, **FX1**, **FX2** and **FX3**. Use the appropriately labeled switch to turn any of these on (LED lit) or off. Just like a real pedalboard full of stompboxes!

16. **▲ Footswitches** - When the **Mode Footswitch** is set to **Looper** or **Pedal Mode**, stomping one of these moves you up or down one preset. **Example:** From preset **1A**, pressing **▲** loads preset **1B**. When the Mode Footswitch is set to **Preset Mode**, the **▲ Footswitches** work in a different way. Now stomping one of these moves you up or down one bank. To load a new preset from that bank you will need to then select either **A**, **B**, **C** or **D** from the **Multi Use Footswitches** to load its preset.

REAR CONNECTIONS



- 1. Cable Retainer** - Insert your power supply cable through this once or twice to prevent an accidental disconnect.
- 2. Power** - Connect your Line 6 Power Supply here to power the unit. Unplug to turn it off
- 3. Guitar In** - Plug your guitar cable in here.
- 4. CD/MP3 Input** - Connect a CD player, MP3 player, drum machine or other device here, and you'll hear it through the **PHONES**, **UNBALANCED OUTPUT** and **BALANCED OUTPUT**. Use your device's output control to adjust the volume relative to your guitar tone. Start with the volume on your device at its lowest setting and bring it up to the volume you desire.
- 5. Master Volume** - This controls the overall output level of POD HD400 and also sets the headphone level. Changing the **MASTER VOLUME** level does not change your tone, so you can get the tone you want at any volume level. This setting is not saved when you store settings into one of the POD HD400 memory locations.
- 6. Unbalanced Output** - connect 1/4" cables here to send your sound to a guitar amplifier, recorder, mixer or PA system. Set the switch between these connectors to **AMP** when sending to a guitar amp or **LINE** for devices with -10dBV inputs typical of mixers and recorders.
- 7. Balanced Output** - connect balanced XLR cables here for an ideal connection to digital recorders or as direct sends to the house mixer or PA when playing live. If you are experiencing hums and buzzes, set the switch between these connectors to **LIFT** to eliminate ground loops between your equipment.
- 8. Output Mode** - Optimize your tone for the application. Use **STUDIO** to apply a direct signal complete with microphone and cabinet simulations to recorders and mixers. Use **LIVE** when connecting to a guitar amplifier speaker combination for a natural more direct guitar tone. When set to **DUAL**, direct signal meant for a guitar amplifier will be sent through the **UNBALANCED L/R OUTPUTS**, and mic and speaker simulation meant for a mixer or recorder are sent through the **BALANCED L/R OUTPUTS**.
- 9. Phones** - Plug headphones in here. The volume is set by the **MASTER VOLUME** knob. Always use safe listening practices, so we recommend setting the **MASTER VOLUME** knob at 10 o'clock, then turn up from there if you need more volume.
- 10. Effects Loop** - provides a stereo **FX SEND** and a stereo **FX RETURN**. Set the **FX LOOP LEVEL** switch to **LINE** to operate at approximately 19.5 Volts peak-to-peak, making it optimal for line level devices. The loop can also be used with stomp boxes by setting the **FX LOOP LEVEL** switch to **STOMP**.
- 11. Pedal 2** - Connect a standard expression pedal, such as the Line 6 EX-1, and you'll be able to assign it to control the **Volume Pedal** or **Smart FX** functions.
- 12. USB** - The USB jack lets you connect directly to a USB equipped computer for direct recording and to take advantage of many computer-powered features including free, downloadable editor/librarian software, POD HD400 Edit. Read the Advanced Guide available online to learn more.

13. 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 DT50 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 cable, and the resulting operation allows users to plug a single cable from their POD HD family processor into a DT50 series amp and receive many incredible benefits:

- No additional cables are required to connect a POD HD (300/400/500) to a DT50 series guitar amplifier.
- Changing Tone settings (for example) on either the POD HD or DT50 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 DT50 as one would 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 DT50 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 DT50 will immediately align itself in the analog realm to such things as the appropriate Class A or A/B operation, Biasing method, B+ voltage, Feedback topology, Triode/Pentode operation of the power tubes and more!
- Automatic sensing allows linked multiple (daisy chained) amps to operate in a variety of ways, depending on which POD HD is connected. At minimum, all POD HD multi-effects support stereo operation with linked DT50s, and POD HD500 supports up to four uniquely linked amps with configurations like wet/dry mode easily available.

VISIT US ONLINE

Get the Advanced Guide and more online at www.line6.com/manuals
Get up to speed on your POD HD400 deep editing features with our Advanced User Guide available online. While you're online be sure to register your POD. Registering gets you all set up for warranty service should you have an issue with your product, and also qualifies you for contests, special offers and more.