



LOW DOWN

LD15

Pilot's Guide
Manuel de pilotage
Pilotenhandbuch
Pilotenhandboek
Manual del Piloto

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



Before using your LowDown, carefully read the applicable items of these operating instructions and the safety suggestions.

1. Obey all warnings on the amp and in the LowDown LD15 Manual.
2. Connect only to AC power outlets rated 100-120V or 200-240V 47-63Hz (depending on voltage range of the unit; refer to back panel).
3. Do not perform service operations beyond those described in the LowDown LD15 Manual. 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 does not operate normally or changes in performance in a significant way
 - the unit is dropped or the enclosure is damaged.
4. The bottom of the metal chassis can get hot during operation. Do not touch during operation or shortly after.
5. Do not place near heat sources, such as radiators, heat registers, or appliances which produce heat. Keep the rear of the unit at least three inches from walls or other items that might block heat radiation.
6. Do not block any of the ventilation openings or use in an enclosed space.
7. Guard against objects or liquids entering the enclosure. Do not use or place unit near water.
8. Do not step on power cords. Do not place items on top of power cords so that they are pinched or leaned on. Pay particular attention to the cord at the plug end and the point where it connects to the amp.
9. Unplug the amp when not in use for extended periods of time. Unplug the amp during lightning storms.
10. Clean only with a damp cloth.
11. Do not defeat the safety purpose of the grounding type plug. A grounding type plug has two blades and a third grounding prong. The third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
12. Only use attachments/accessories specified by the manufacturer.
13. Prolonged listening at high volume levels may cause irreparable hearing loss and/or damage. Always be sure to practice “safe listening.”

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.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.



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

CAUTION: To reduce the risk of fire or electric shock, do not remove screws. No user-serviceable parts inside. Refer servicing to qualified service personnel.

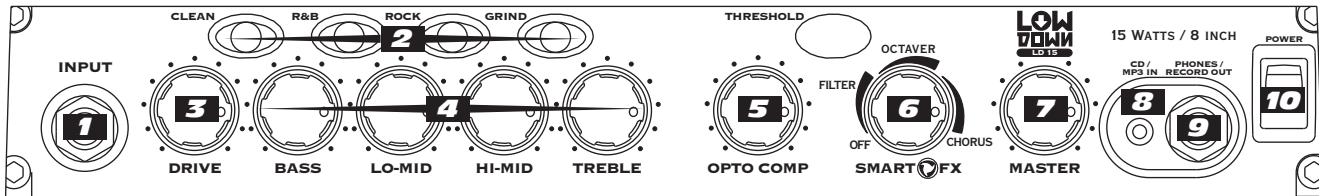


The lightning symbol within a triangle means “electrical caution!” It indicates the presence of information about operating voltage and potential risks of electrical shock.



This symbol within a triangle means “caution! hot surface!” It is placed in areas that may become too hot to touch when device is in operation.

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1. Input – The front panel amp model and tone controls, plus the top panel effects, all apply to the Bass that’s connected here.

2. Amp Models – Select one of these buttons to select one of 4 groovealicious Amp Models and all the LowDown controls will automatically dial in to sound great, so you can just play! These buttons come preloaded with great factory presets but can be used to save your own custom settings.

3. Drive – is like the volume or gain knob on other amps; controls how much “dirt” you get in your sound.

4. Tone Controls – Bass, Low Mid, Hi Mid and Treble controls are customized for each Amp Model to give you optimal tonal control.

5. Opto Comp – Turn clockwise to even out your playing dynamics (more compression). Watch for the Threshold light, and set the knob so that it comes on just at the point where you play with your typical intensity.

6. Smart FX – Spin this knob to get great FX, fast and easy; this knob selects Envelope Filter, Octaver, or Chorus, with a range of settings - from subtle to overpowering.

7. MasterVolume – You can choose the overall volume of the amplifier, without affecting your tone.

8. CD/MP3 – Plug in any audio source and it feeds directly into the LowDown speaker or headphones so you can jam with your favorite music or a drum machine. The instrument input must have a plug inserted to allow the input from the CD/MP3 player to be heard. Use the input device’s output control to adjust its volume.

9. Headphone – Listen with headphones to your LowDown mixed with what ever you would like to input into the CD/MP3 jack.

10. Power – On or off. The amp sounds better on.

Here's the LowDown...

Hey. Thanks for choosing the Line 6 LowDown. We're excited to welcome you to the Line 6 community. We've spent tons of time dialing in your new amp with artists and technicians to deliver a fabulous range of critical bass tones. The LowDown was inspired by some classic bass amps that shaped the tone of rock and roll such as the Ampeg® SVT®, Ampeg® B-15, and the Marshall® Super Bass - amps that deliver tone that will rearrange your insides. These were, and still are the standard for professional bass players the world over. Unfortunately, many of them are incredibly heavy and can very quickly empty your checking account or max out your credit card, so most of us working stiffs gravitate to one of many fine portable utility combo amps with fairly generic tone . Until now...

With LowDown we have worked hard to bring to you, for the first time, serious stadium bass rig tone in a portable/affordable combo. We have spent countless hours modeling the best of the best and faithfully reproducing them on the very amp you're probably sitting on or fondly staring at right now.

Whether you are looking for that mind bending funk tone or that classic rock tone heard 'round the world, the Line 6 LowDown brings it to you. The endless search for the perfect small gigging amp has come to an end.... Now let's get started!

Some sage advice...

Getting closer to a wall will increase the amount of perceived low end from your amp, and for an added bonus, get in a corner for even more pronounced low end. (Or move away from the walls if your tone is too boomy)

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Amp Model Details

Just as a great artist has many colors to paint with, you will be able to paint your music in many colors, thanks to the wide range of tone available in the LowDown. Each of these models, when selected, automatically dials up a great useable default sound that you can leave or change to your liking and save by pressing and holding the button for 2 seconds.

Some helpful hints

We have given you model specific tone controls. They react as the actual amp would in a given situation. For instance turning the treble up all the way is a very different experience on each model. We would suggest that you pull up an amp and start with these controls at 12 o'clock and the drive down, then decide what you want to hear from there.

If you want more low end, ask yourself if you want more round thick low end or do you want punchy low end. This will help you determine if you should add Bass or Low Mid to your sound. Sometimes adding Low Mid gives you the bottom you want with a punchier sound. The same goes for the high end. Are you looking for clarity for your note or a percussive attack? If you want clarity many times Hi Mid will give that to you without adding the percussive attack.

Experiment with the tone controls because we have given you a range of tone that has never been available in a combo before.

Drive

This control is used to overdrive the preamp in order to get various distorted sounds. In the fully counter-clockwise position is the cleanest, least distorted sound and as you turn it clockwise you bring in distortion. Adjust to your taste.

Tone Controls

Bass, Low Mid, Hi Mid and Treble controls are customized for each Amp Model to give you optimal tonal control. These controls will help you to shape the tone you hear in your head.

Opto Comp - The compressor control adjusts the threshold of the compressor. The farther the control is rotated clockwise, the more dramatic the compression becomes which brings a more even dynamic to your sound. When completely in the counter-clockwise position, the compressor circuit is off. As you turn the knob clockwise, the threshold at which the compressor kicks in is lowered. The LED to the right of this control will light when the compressor hits -5db of gain reduction, which is a very good place to start.

Amp Model Descriptions

Clean

This model is all about clean, funk and fusion bass tone. It'll give you all the warm lows and punchy highs you need. This sound was crafted during our studies of the Eden Traveler.

R & B

This Amp Model is a tribute to those late 60's and early 70's clean fat bass tones. It is the kind of tone you hear on most Motown recordings, as played by a pioneering young James Jamerson. This Amp Model draws on our analysis of a 1968 B-15 Flip Top.

Rock

This sound was crafted during our studies of the '74 Ampeg® SVT®. This workhorse has appeared on innumerable recordings and arena stages worldwide. And now all the tone of the 300 lbs behemoth 8X10 and head is available in your combo!

Grind

As the name would suggest, this is for you modern rock lovers, Alice in Chains, Mudvayne and Rage Against The Machine. This model is based on* a distorted SansAmp PSA-1 into an SVT® with direct clean bass signal mixed in for that angry, clear and punchy aggression that takes your sound to DEFCON 1.

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Smart FX:

The Smart FX knob gives you a trio of the most popular and usable bass effects known to man:

Envelope filter

Modeled after a Electro-Harmonix Q-Tron®, this is the baddest envelope filter on the planet. You have heard this on your favorite P-Funk and Red Hot Chili Peppers recordings. An envelope filter is a wah-wah type effect that is controlled by the dynamics of your bass note instead of being controlled by your feet.

Octaver

Modeled after the EBS OctaBass®, this effect produces a single note one octave below the pitch of the played note, adding a powerful new vibe to your sound.

Chorus

Modeled after the much loved TC Electronic® Chorus, this is the most transparent, smooth and expressive chorus for bass ever built. Using it does not reduce your low end. It is especially beautiful on fretless bass.

For each of these effects you can choose anything from a subtle hint of change to total tone-bending sounds. While turning the knob, LowDown adjusts all the individual controls of the modeled effect to automatically give you a complete range of sounds, without having to mess with multiple knobs and switches. (We figured you would appreciate making music instead.)

Saving

To store your own “snapshot” of all knob positions (except Master Volume), press and hold the current model button for two seconds. The LED flashes twice when the save is complete.

CD/MP3

Connect a CD player, MP3 player, drum machine or other device here, and you’ll hear it from LowDown’s speaker or headphone output. Very handy for jamming along! The instrument input must have a plug inserted to allow the input from the CD/MP3 player to be heard. Use the output volume control on the connected device to set its level.

Phones

Connect your stereo headphones here to listen to your bass and/or your favorite CD and jam along for working on your favorite licks. Plugging in headphones disables your speaker output.

Factory Reset of the Model Defaults and a Special Hidden Feature

You can reset all 4 of your LowDown's programmable models to their factory-programmed states by pressing and holding down the Clean model button as you turn on the power. Clean will flash to tell you the reset is complete. Warning: This will erase ALL custom sounds you might have created. Ask yourself, "Do I really want to do this?" If your answer is yes, then go for it!

Also, there is a very popular sound that you may have seen on the LD15 big brothers. We have given you a secret way to change the Clean model to be the Brit model and put your LD15 into Rock Mode. Press and hold the Clean and R&B model buttons as your turn on the power. Clean and R&B will flash back and forth to indicate that you have changed the Clean model into the Brit model.

Brit

Based on* a '68 Marshall® Super Bass. Enough said. The Super Bass covers the kind of overdriven bass sound brought to us by late '60's British rock pioneers such as Cream and The Who as well as '70's giants Yes and Rush.

If you would like to return the Clean model to the LD15 just press and hold the Clean and R&B model buttons as you turn on the power. Clean and R&B will light solid to indicate that you have restored the Clean model. As long as you don't mind losing your settings for Clean and Brit, you can change from Normal Mode to Rock Mode anytime you want.

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