Pilot's Guide for Spider II 15, 30 & HD75

40-00-0053 Electrophonic Limited Edition available @ www.line6.com Rev D

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Line 6, Spider II, FBV, FBV Shortboard, FBV4, FBV2, Floor Board, FB4 and Vetta are trademarks of Line 6, Inc. All other product names, trademarks, and artists' names are the property of their respective owners, which are in no way associated or affiliated with Line 6. Product names, images, song names and artists' names are used solely to identify the products whose tones and sounds were studied during Line 6's sound model development for this product. The use of these products, trademarks, images, and artists' names does not imply any cooperation or endorsement.

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.

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 exclamation point within a triangle means, "Caution!" Please read the information next to all caution signs.

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 shown in areas that may become too hot to touch when the device is in operation.

Spider II Pilot's Guide © 2005, Line 6, Inc.

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

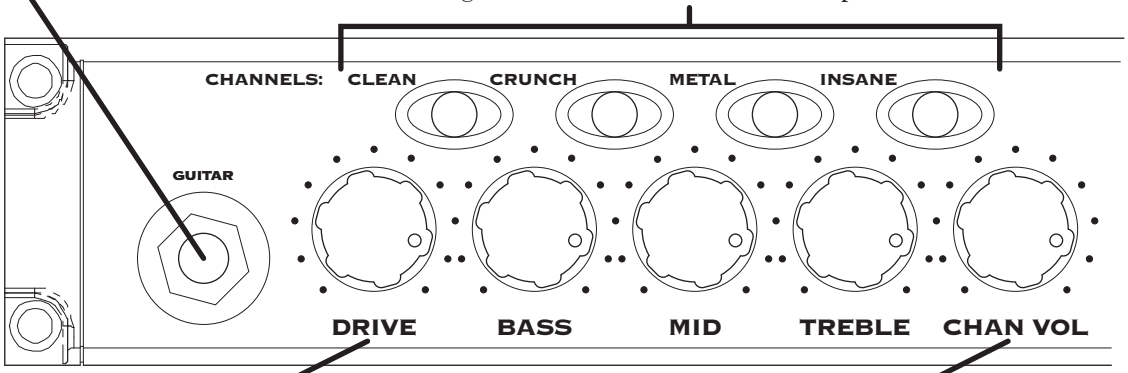
Before using your Spider II, carefully read the applicable items of these operating instructions and the safety suggestions.

1. Obey all warnings on the amp and in the Spider II 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 Spider II 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.”

1 Plug In Here

2 Channel Memories / Amp Models

The four channels each use a different Amp Model, and all come pre-loaded with a factory preset dialed in to nail a great tone. Press one of these buttons to hear the presets. To replace any preset with your own "snapshot" of all tone and effect knob positions (except Master Volume), press and hold one of these four buttons for two seconds. The light flashes when the save is complete.

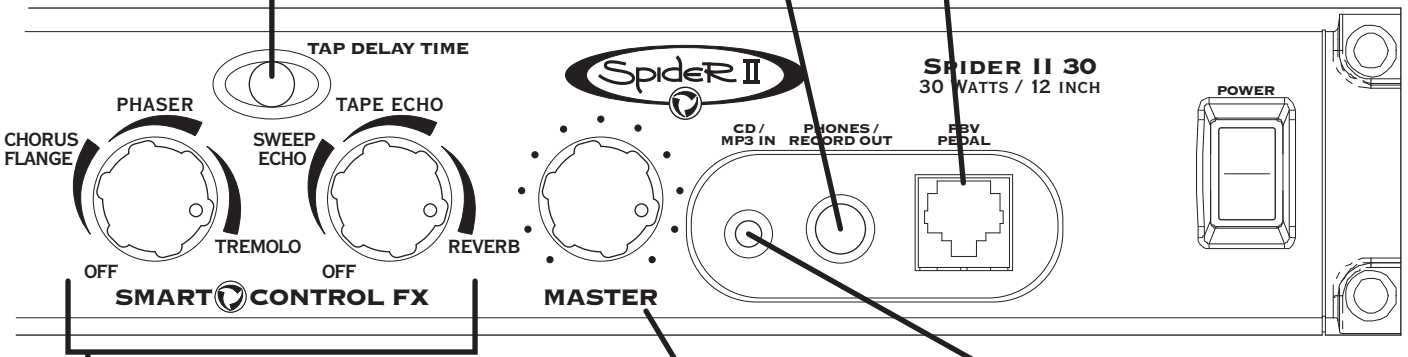


3 Tone Controls

Drive is like the volume or gain knob on other amps; controls how much "dirt" you get in your sound. Bass, Mid, and Treble controls are customized for each Channel to give you optimal tonal control.

4 Channel Volume

This control helps you balance the volumes of the amp-and-effect setups that you store in your Spider II's channels. See (2) above for the low-down on channels.



6 **Tap Delay Time**
Tap the Tap Delay Time button at least two times to set the delay time when either Tape Echo or Sweep Echo is active. The light will be lit solid when Reverb is active, and will be off when no echo or reverb effect is active. (Also see "Tap Button Extra Functions").

9 **Headphone/Record Out**
Listen with headphones, or use this as a direct out for recording! (*The speaker is muted when this jack is in use*).

10 **FBV Pedal (not on Spider II 15)**
See "Footwork" section below for details.

5 **Smart Control FX**
Spin one of these knobs to get great FX, fast and easy:

The first knob picks chorus/flange, phaser or tremolo, with a range of settings—from subtle to overpowering—for each effect.

The second knob picks tape echo, sweep echo or reverb with a range of mix settings from low to high. When you select an echo effect the Tap Delay Time light flashes the delay time; tap it to change the time.

7 **Master Volume**
You can choose the overall volume of the amplifier, without affecting your tone.

8 **CD/MP3 In**
Listen and play along with CD or MP3 tracks by connecting to this 1/8-inch input.

Welcome The Spider II...

Thank you for inviting Spider II home with you. This amp mines the tonal heritage of the past forty years of guitar amplifier design and matches it up with the kind of digital signal processing magic that will still be ahead of its time ten years from now.

Each of the four programmable channels is built on a different Amp Model with its own unique tone:

Clean
Select this Amp Model and adjust the tone controls to get crisp, amazing clean tones, great warm jazz tones, and all the high-end shimmer you'll need with a generous amount of bottom end to boot. Then dial up a little chorus and delay to get the ultimate clean sound!

Crunch
Plexi On Fire! This Amp Model is based on a '68 Marshall Plexi 100 watt with a few added extras; The combination of a Variac and the jumpered input channels creates that infamous brown sound that will feel like flames are shooting out the input jack! "Come on Dave… Give me a break!"

Metal
This Amp Model is based on the Mesa Dual Rectifier. For Spider II, we made careful enhancements to this classic tone. The resulting Amp Model has a definite modern flavor. This monster truck of tone delivers a tight bottom end that's big, powerful, tight and fast. Use this Amp Model to get a tight and punchy, high gain Metal sound.

Insane
Our goal with Insane was to provide you with as much input gain distortion as possible short of complete meltdown. You get an obscene helping of distortion, while still retaining tonal definition and character. As a result, you get way more bottom end and cabinet character than other small amps. Crank up the Drive control and prepare to dominate!

Tap Button Extra Functions

The Tap Delay Time button, in addition to setting the time of your echo effects, also lets you access a Distortion Boost and a built-in Noise Gate.

Distortion Boost

Press and hold the Tap Delay Time button as you turn the Drive knob up past twelve o'clock. As you do this, Spider II's CLEAN Channel light comes on to indicate that the Distortion Boost is on. This gives the kind of extra 'dirt' that you'd expect from a Distortion pedal with the distortion control set low and the output control set high. It boosts your guitar signal before it reaches the Amp Model, so that you hit the model harder and get a more distorted sound.

Noise Gate

Press and hold the Tap Delay Time button as you turn the echo/reverb FX knob up past twelve o'clock, and you'll turn on a built-in Noise Gate to help cut down on hiss and noise. As you do this, the INSANE Channel light comes on to indicate the Gate is on.

Special Hidden Functions

When you select an Amp Model, Spider II automatically sets its tone controls and effects to match that Amp Model. You can disable the auto-FX selection (but not tone control auto-selection) by powering up Spider II with the INSANE Channel button held. The auto-selection will be re-enabled next time you power up.

You can also reset your Spider II's programmable channels to their factory-programmed states by holding down the CLEAN Channel button as you turn on the power. **Warning:** This will erase ALL custom sounds you might have saved. Ask yourself, "Do I really want to do this?" If your answer is yes, then go for it!

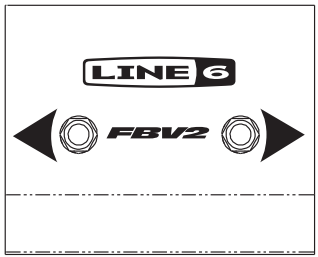
Note for Spider II HD75 Users

The Spider II HD75's speaker outputs are set up for 4 ohm cabinets only. Cabinets of other impedances may cause the HD75 to overheat and shutdown to prevent damage.

Footwork (Spider II 30 & HD75 only)

Two optional foot controllers can be used with the Spider II 30 and HD75: the FBV Express for channel switching and delay time tap, or the FBV2 for channel scroll. Note that the FBV, FBV Shortboard, Floor Board and FB4 foot controllers will not work with Spider II 30 and HD75.

FBV foot controllers come with a RJ-45 cable. Connect it between the front panel of the Spider II and the side of the FBV. If you ever need a replacement cable, look for a Category 5 (or higher), "10 Base-T" or "RJ-45" cable with male connectors on both ends. These can be found at almost any computer supply retailer.



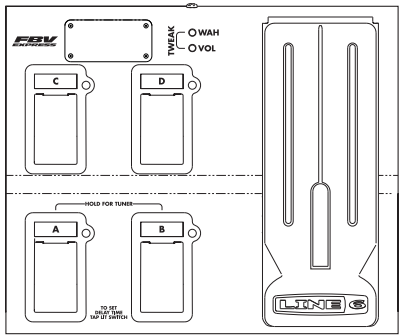
FBV2

The FBV2 functions as a two button channel scroll foot switch. Step on its switches to scroll through the four channels (Clean, Crunch, Metal, and Insane) of your Spider II 30 or HD75.

FBV Express

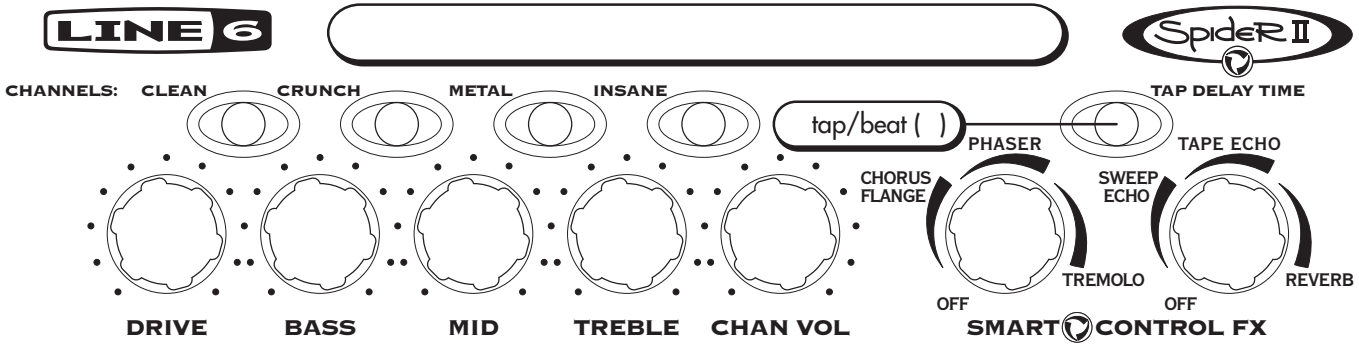
Step on a switch to choose from your Spider II's four channels. Want to change your Delay Time? Just tap the lit footswitch two or more times to the drummer's beat and presto—you're locked in! Press down the toe of the pedal to switch between wah and volume control.

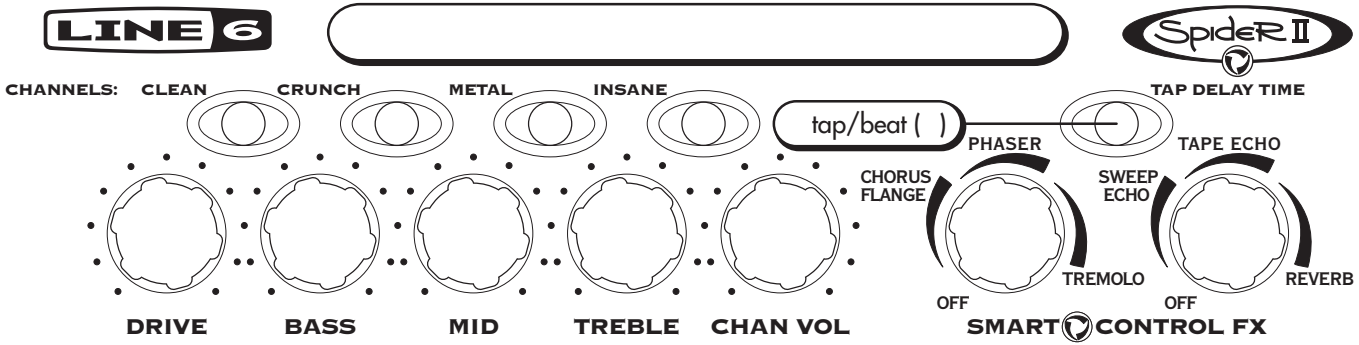
NOTE: The tuner on the FBV Express is not supported by the Spider II 30 and HD75.

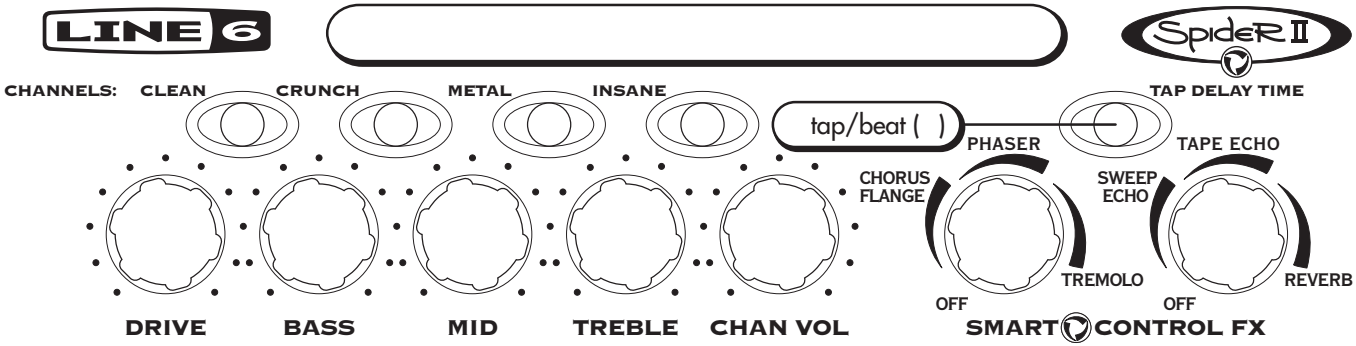


Pilot's Log

Get tone settings for a collection of great guitar songs from our web site, **www.line6.com**. Make a note of your favorite settings here by marking which channel is selected, the positions of the knobs, and the Tap Delay Time.



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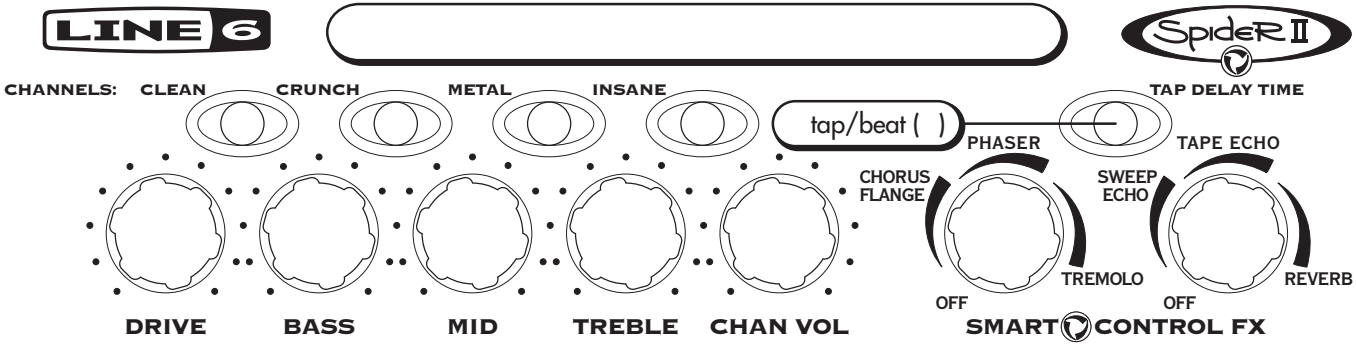
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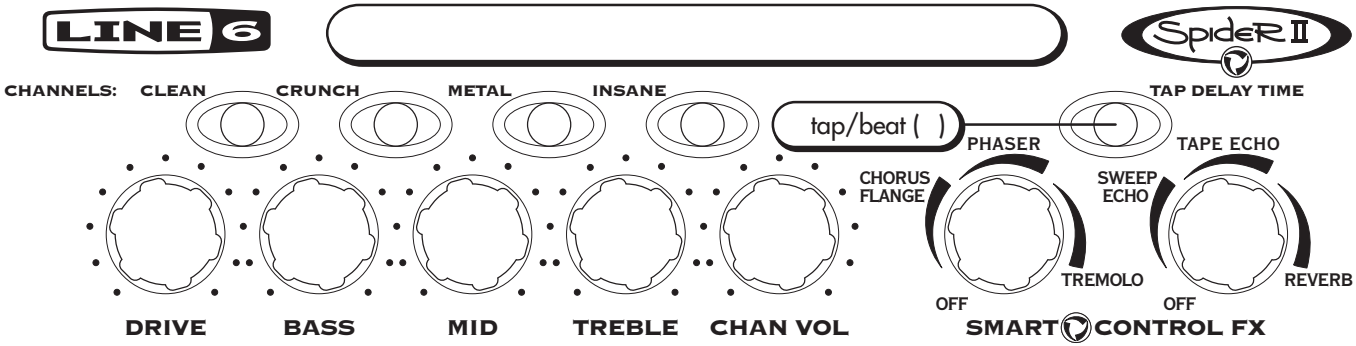
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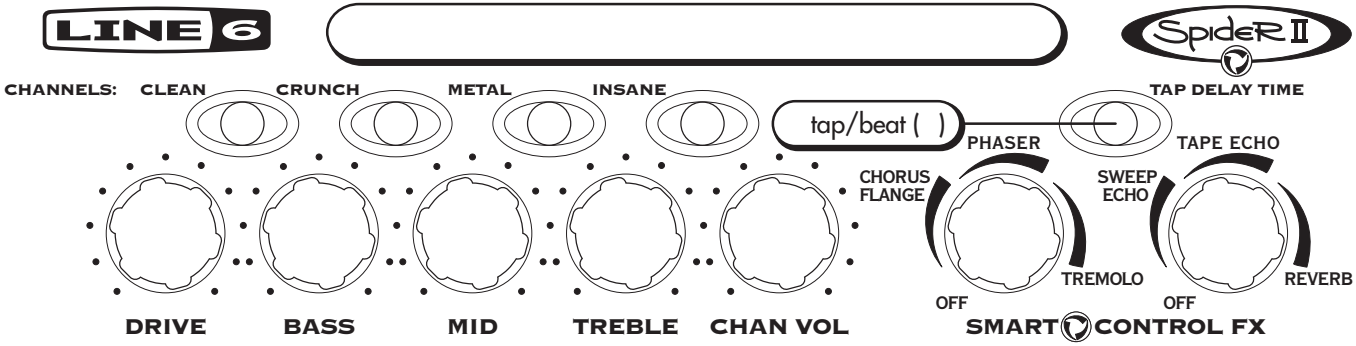
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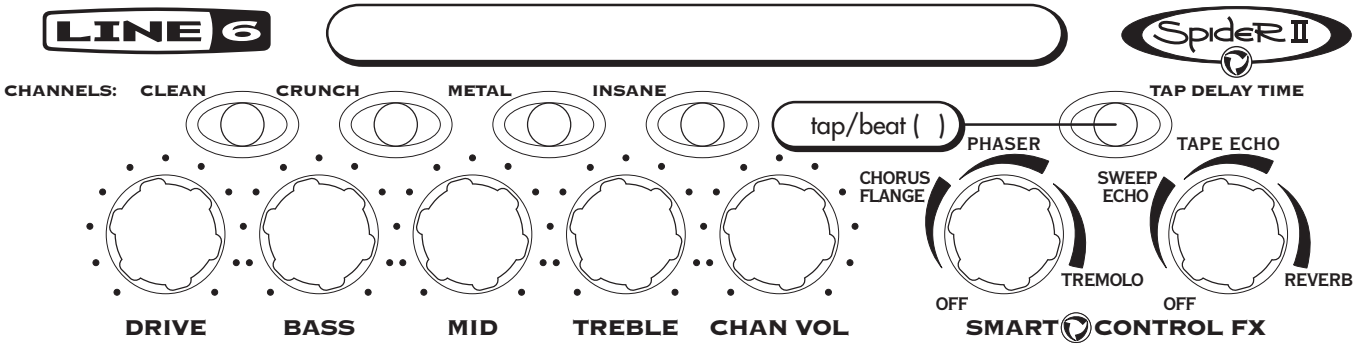
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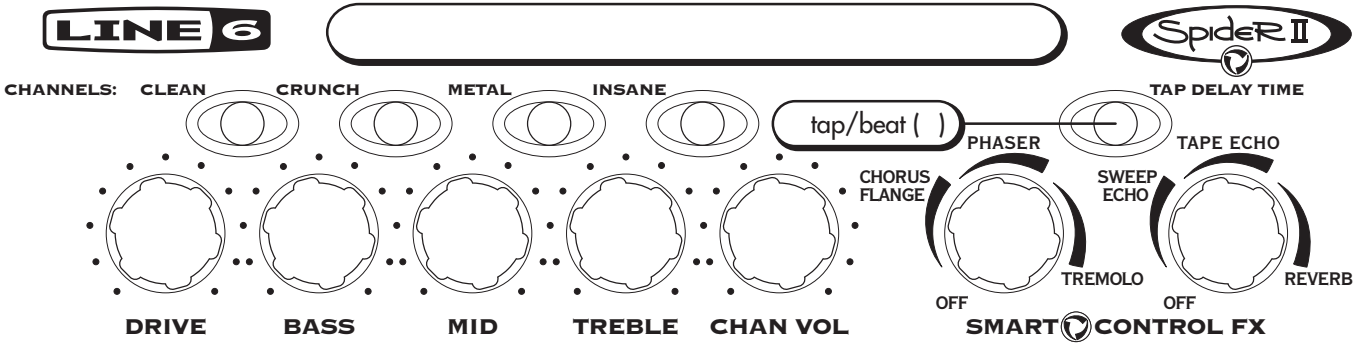
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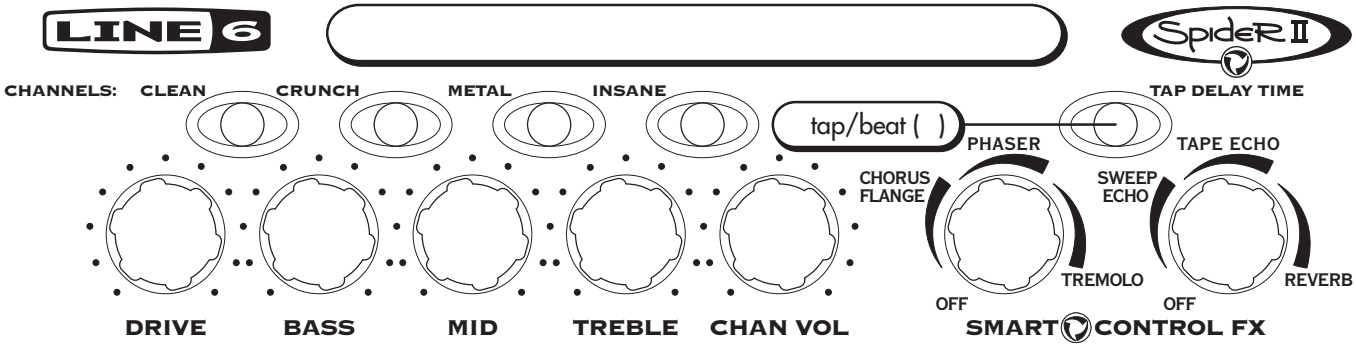
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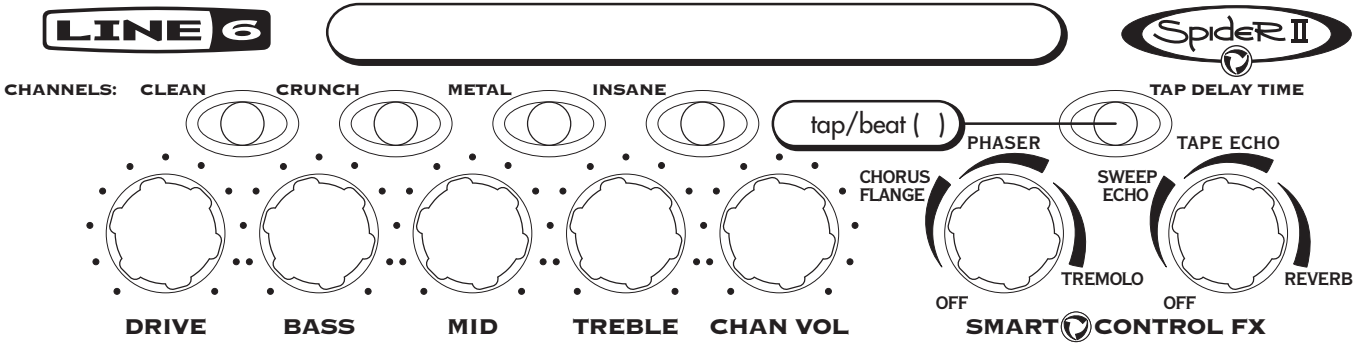
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