

HELIX CHEAT SHEET

SAVE
Press twice to save changes to preset


Press to open menu with advanced functions and settings


Press to view Amp+Cab, Amp, or Preamp tonestacks

Joystick
Use joystick to select block
Press ACTION and use joystick to move block
Turn to change block's model
Press to open model list

BYPASS
Press to turn selected block on and off
Hold to turn Global EQ on and off

ACTION
Press to open action panel for the selected block or page

◀ PAGE ▶
Press to view more parameters for the selected item

VOLUME
Turn to control volume from 1/4", XLR, Digital, and USB 1/2 outputs

PHONES
Turn to control volume from the Phones output

PRESET

-  Turn to select presets
-  Press to open Setlists
-  Lost? Press to return to the main Home screen

Knobs 1-6

-  Turn to adjust parameter
-  Press to engage function
- Press to reset value
- Press to toggle between Hz or ms and note values
- Press and hold to jump to the Controller Assign page for that parameter

Up/Down

-  Step on FS1/FS7 to select the next/previous bank of presets
-  Hold both FS1 and FS7 to change to Preset ^ and Preset v



Preset Footswitch Mode
 Step on a footswitch to select the preset
 Step again to reload the preset

Stomp Footswitch Mode
 Step on a footswitch to toggle its block(s) on and off
 Touch a footswitch to select its assigned block or item
Touch repeatedly to cycle through multiple assigned items
Touch and hold to assign switch to the selected block

MODE
 Step on FS6 to toggle between Preset and Stomp footswitch modes
 Hold for Pedal Edit mode (edit blocks with your feet)

TAP/TUNER
 Step on FS12 to set Helix's tempo
 Hold to open the Tuner
 Touch to open the tempo panel

Expression Pedal 1 (and 2)
Move the expression pedal to control volume, wah, or any combination of amp and effects parameters
Activate toe switch to toggle between EXP 1 and EXP 2

Select an input block and turn the joystick to set the input source. Each path can have one or two input blocks

Use the joystick or touch a switch top to select a block (outlined in white)

Move Split block down to create a duplicate input block

Move Merge block down to create a duplicate output block

Press **BYPASS** to turn block on and off (bypassed blocks appear dim)

Press and hold **BYPASS** to turn Global EQ on (icon visible) and off

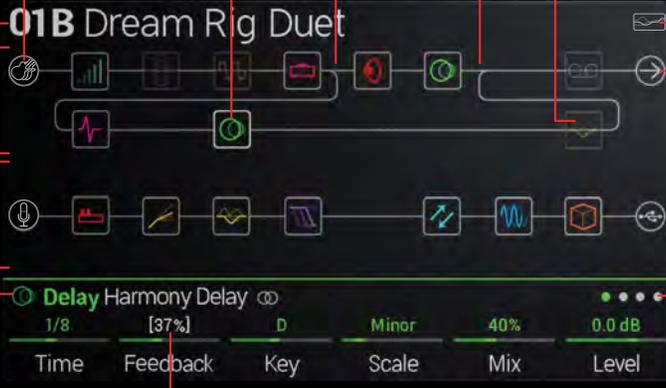
Turn **PRESET** knob to select a preset

PATH 1

Each of Helix's two signal paths can be either parallel (A and B) or serial (A only)

PATH 2

Model category and type of selected block; indicates a stereo model. Turn the joystick to select a model; press the joystick to open the model list



Value appears white and in brackets if a controller is assigned to it

Turn knobs 1-6 to adjust parameters for the selected block. Press knob to return Levels to unity (0.0dB) and Pans to center

Press **◀PAGE▶** to view more parameters for the selected block. This block has four pages

INPUT BLOCKS

- None (Path 2 only)
- Multi (Guitar, Aux, Variax)
- Guitar
- Aux
- Variax
- Variax Magnetics
- Mic
- Return 1, 2, 3, 4, 1/2, 3/4
- S/PDIF
- USB 3/4, 5/6, 7/8

PROCESSING BLOCKS

- None
- Distortion
- Dynamics
- EQ
- Modulation
- Delay
- Reverb
- Pitch/Synth
- Filter
- Wah
- Amp+Cab
- Amp
- Preamp
- Cab
- Impulse Response
- Volume/Pan
- Send/Return
- Looper

OUTPUT BLOCKS

- Multi (1/4", XLR, Digital, USB 1/2)
- Path 2A, 2B, 2A+B (Path 1 only)
- 1/4"
- XLR
- Send 1/2, 3/4
- Digital (S/PDIF, AES/EBU, or L6 LINK)
- USB 1/2, 3/4, 5/6

Ext Amp Out 1/2

Connect to your traditional amp to switch channels or turn its reverb on/off; use a TRS cable for dual operation (1=tip, 2=ring)

Guitar In

Connect your primary guitar or bass here; provides switchable pad and impedance selection

Aux In

Connect an active pickup-equipped guitar or bass here

Sends>Returns

Can be used as mono/stereo FX Loops for inserting external stompboxes into your tone or as additional inputs and outputs for connecting keyboards, drum machines, mixers, other modelers, and more

1/4" Outs

Use 1/4" cables to connect to your guitar amp, pedals, powered speaker, or other playback system; for mono signals connect only the left 1/4" out

Variax Input

This input provides power, digital audio, effects control, and instant recall between Helix and a Line 6 Variax Guitar

S/PDIF In/Out

Connect 75-ohm coax (RCA) cables here for digital connection with studio equipment

AES/EBU | L6 LINK Out

Connect a 110-ohm AES/EBU (XLR) cable here for digital connection with studio equipment; L6 LINK provides easy, reliable, one-cable connectivity between Helix and Line 6 StageSource monitors and/or DT series amplifiers



Power

It's alive!

AC In

Connect to a grounded AC power outlet

EXP 2/3

Connect two additional expression pedal inputs on stompboxes or CV (Control Voltage) inputs on vintage pedals here

CV/Expression Out

Connect to the expression pedal or CV (Control Voltage) inputs on vintage pedals or synths

Microphone In

Plug your microphone in here for processing your vocals or recording to your computer via USB. Provides switchable 48V phantom power for studio condenser mics

Ground Lift Switch

If you are experiencing hums and buzzes, press this button in to eliminate ground loops between your equipment

XLR Outs

Use balanced XLR cables to connect to studio monitors or the house mixer or PA when playing live; for mono signals connect only the left XLR out

Phones Out

Connect headphones here; turn top panel PHONES knob to adjust volume

MIDI In, Out/Thru

Connect Helix to your MIDI equipment for sending and receiving program changes, continuous controllers, and other MIDI messages

USB

Helix can act as an 8-in/8-out 24-bit/96kHz audio interface for recording to Macs and PCs; reamping and MIDI are provided Helix can also record to and play back from an iPad (with camera kit)

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