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 ∨

On-device display

01B Dream Rig Duet

Delay Harmony Delay

Time	Feedback	Key	Scale	Mix	Level
1/8	[37%]	D	Minor	40%	0.0 dB

EXP 1 EXP 2

LINE 6
HELIX

Footswitches

BANK ∧	Scream 808	Mystery Filter	Ubiquitous Vibe	Harmony Delay	MODE HOLD TO EDIT
FS1	FS2	FS3	FS4	FS5	FS6

BANK ∨	01A None More Black	01B Dream Rig Duet	01C Jimi, Not Jimmy	01D DAW Remote	TAP HOLD FOR TUNER
FS7	FS8	FS9	FS10	FS11	FS12

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)

Turn PRESET knob to select a preset

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

01B Dream Rig Duet

PATH 1   A
             B

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

PATH 2   A

Select an output block and turn the joystick to route the signal to back panel jacks, Path 2, or your computer via USB. Each path can have one or two output blocks

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

Delay Harmony Delay ⊙⊙

1/8	[37%]	D	Minor	40%	0.0 dB
Time	Feedback	Key	Scale	Mix	Level

Press ◀ PAGE ▶ to view more parameters for the selected block. This block has four pages
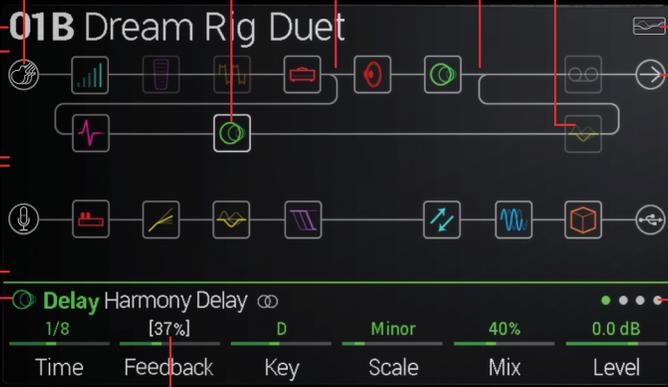
Value appears white and in brackets if a controller is assigned to it

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

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

LINE 6   HELIX

EXP2   EXT AMP   GUITAR IN   AUX IN   MIC IN   SENDS / RETURNS   XLR OUT   1/4" OUT   PHONES   VARIAX   MIDI   DIGITAL   USB   POWER

EXP3   CV   GND LIFT   LEFT/MONO   RIGHT   LEFT/MONO   RIGHT   S/PDIF   AES/EBU L6 LINK OUT   IN   OUT/THRU   IN   OUT

SEND   RETURN   SEND   RETURN

Power
It's alive!

AC In
Connect to a grounded AC power outlet

EXP 2/3
Connect two additional expression pedals here

CV/Expression Out
Connect to the expression pedal inputs on stompboxes 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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