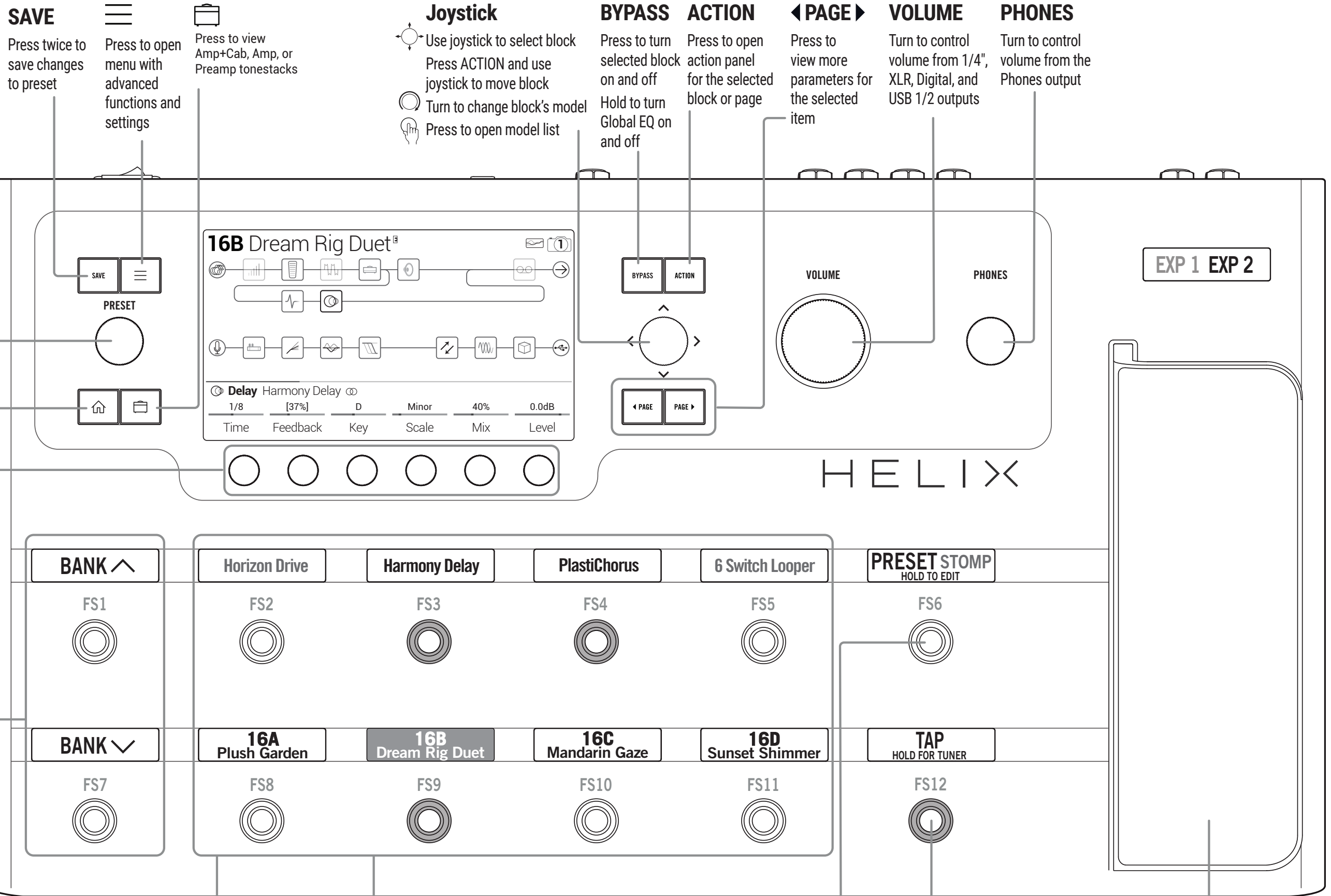


# HELIX CHEAT SHEET



**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**  
 Repeatedly step on FS12 to set tempo  
 Hold to open the Tuner  
 Touch to open the tempo panel

**Expression Pedal 1 (and 2)**  
 Move the 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...

Turn PRESET knob to select a preset

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

Model category and type of selected block; ∞ indicates a stereo model, ⌂ indicates a legacy model.

Turn the joystick to select a model; press the joystick to open the model list

Input blocks turn green when a signal is present and bright red if the input clips

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

"E" appears if the preset has been edited

Move Merge block down to create a duplicate output block

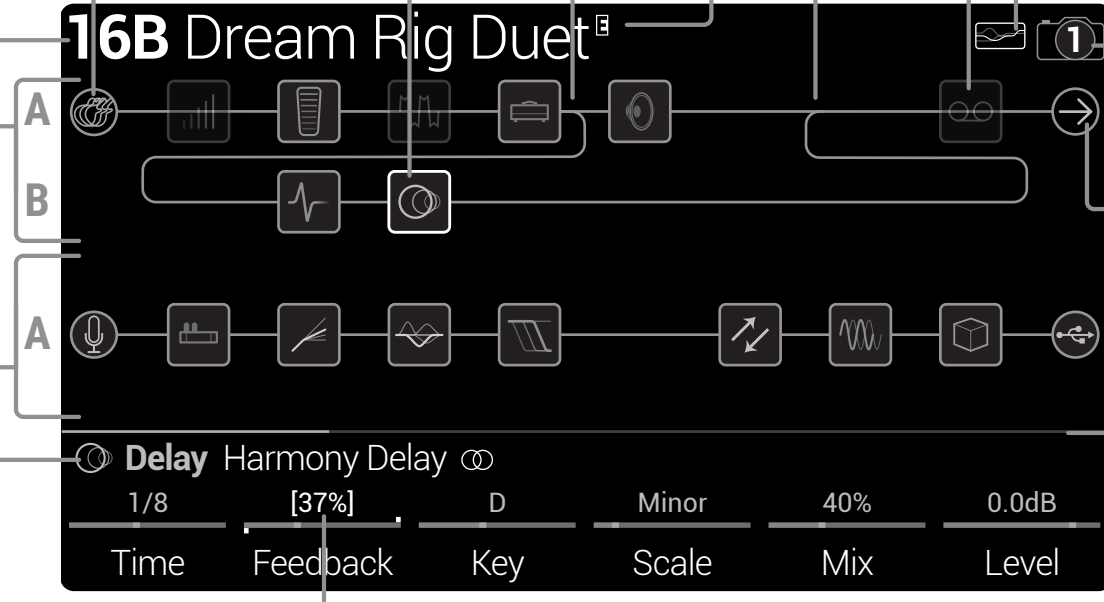
Press BYPASS to turn block on and off (bypassed blocks appear dim)

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

Press PRESET and then turn Knob 5 (Select Snapshot) to choose one of eight snapshots

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

Press ◀ PAGE ▶ to view more parameters for the selected block. This scrollbar indicates which page of parameters is displayed—this block has three more pages of parameters



Value appears white and in brackets if a controller is assigned. White dots on top and bottom of slider indicate Min and Max range

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

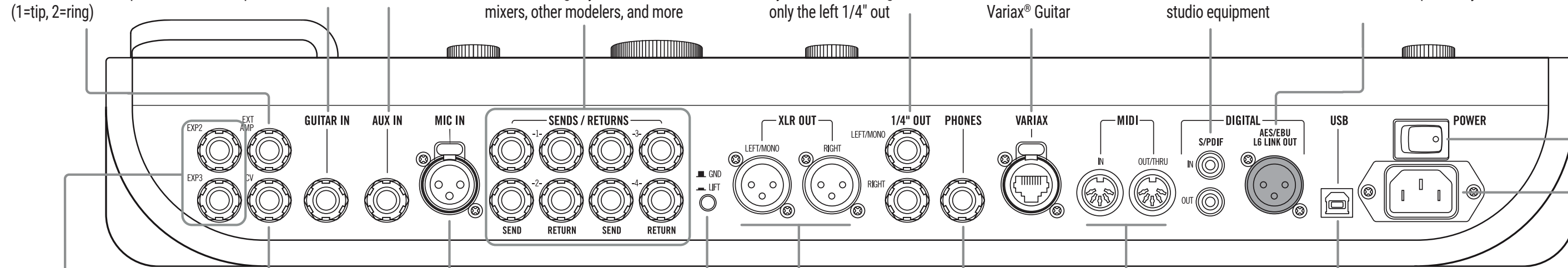
This input provides power, digital audio, effects control, and instant recall between Helix and a Line 6® Variax® Guitar

### 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 Powercab® active speaker systems 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 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 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 your computer; re-amping and MIDI are provided. Helix can also record to and play back from select mobile devices

HELI X  
CHEAT SHEET

Serial No: \_\_\_\_\_