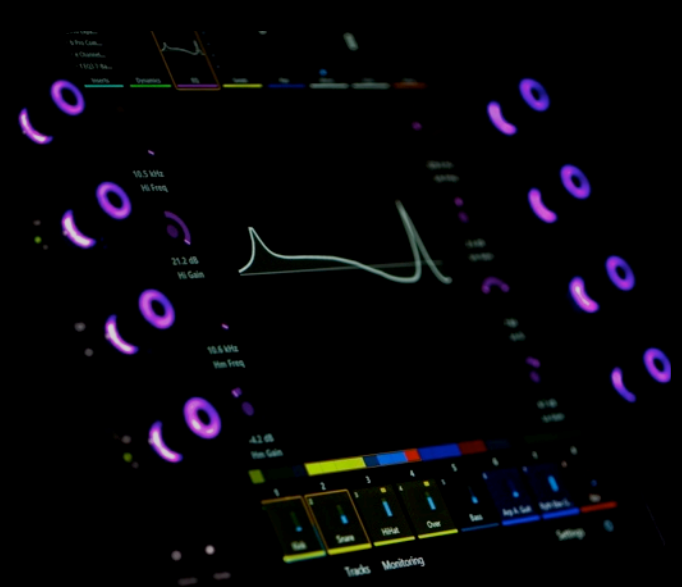




S6 Operation^{v1.2}

Master Module

Automation Module

Fader Module

Process Module

Knob Module

Display Module

Display Module: Views

Display Module: Funct

Gain Reduction Meters

Waveform Zooming

Banking Techniques

Banking & Nudging

Managing Views

Process Module: Views

Indicators

Color Coding

Matrix: Gestures

Matrix: Selecting Tracks

Selecting Track Ranges

Attentioning Tracks

Bank to Attentioned

Matrix: Functions

Record Arming Tracks

Matrix: Filtering

Attention Track Knobs

Navigation

Transport Functions

Universe Views

Master Module: Scroller

Master Module: Ops

Master Module: Dyn

Master Module: EQ

Master Module: Pan

Master Module: Hybrid

Global Views

Inserts

Inserts: Expanding

Inserts: Favorites

Sends

Channel: Dyn

Channel: EQ

Channel: Sends

Channel: Send Pan

Channel: Pan

Channel: Inserts

Channel: VCA Masters

Channel: Inputs

Channel: Out Busses

Channel: Output Mult

Channel: Groups

Channel: Instruments

Channel: Heat

Channel: Editing

VCA Masters: Spill

Clear Mode

Parameter Nulling

Management

Assignable Knob

Assignable Knob: All

Automation: Modes

Automation: Indicators

Automation: Selected

Automation: Context

Automation: Matching

Automation: Preview

Softkeys: Editor

Softkeys: Creating 1/4

Softkeys: Creating 2/4

Softkeys: Creating 3/4

Softkeys: Creating 4/4

Expand Mode

Expand: VCA Masters

Expand: Groups

Expand: Inserts

Layouts: Creating

Layouts: Recalling

Layouts: Editing

Console Setup 1/2

Console Setup 2/2

Workstations

Control Room 1/3

Control Room 2/3

Control Room 3/3

Console Prefs

Local Options

KVM Switching

WSControl

Diagnostic Mode

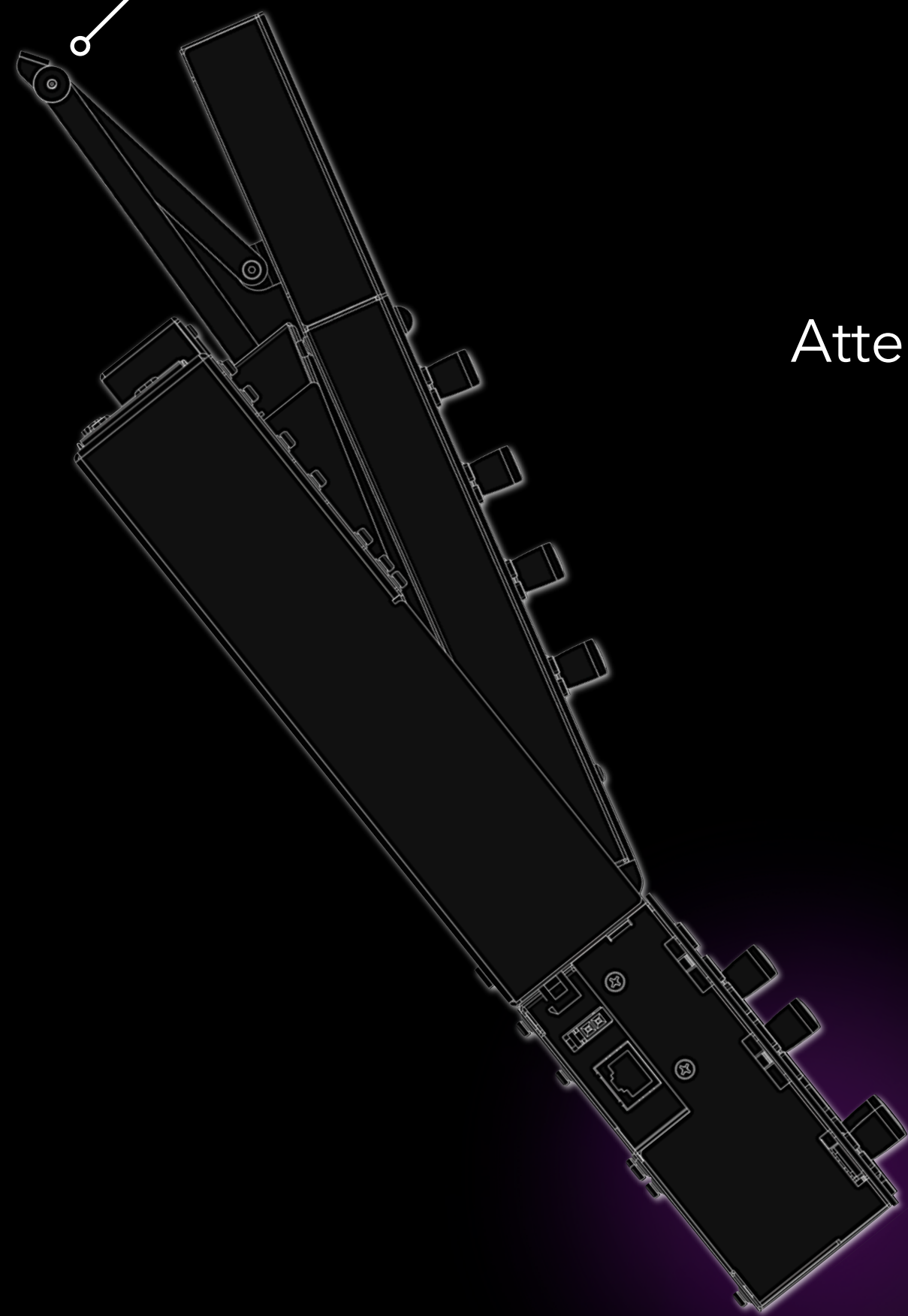
Touchscreen Calibrate

Updating S6 Software



Master Module

Positioning Thumbscrew
(Tilt to desired angle and secure)



Attentioned Track

Home Button

All Button

Banking & Navigation



Meter Bridge Universe

Meter Scroller

Function Scroller

Attention Knobs

Config Button

Universe Scroller

Track Scroller

Control Room Monitoring

Configurable Soft Keys



Automation Module

The image shows the Avid S6 Automation Module interface. It features a central display with two main sections: 'Automation' and 'Transport Extras'. The 'Automation' section includes buttons for 'Preview', 'Auto Suspend', 'Capture', 'Punch Capture', 'Write to Punch', and 'Auto Match'. The 'Transport Extras' section includes buttons for 'Dynamic Transport', 'Count Off', and 'Left', 'Back', 'Right'. To the right of the display is a 'Main Counter' showing '01.06.23.01' and a grid of 'Soft Keys' including 'Mark In', 'Mem Loc', 'Mark Out', 'Trim +', 'Trim -', 'Store Current', 'Store Locate', 'Edit', 'Recall', 'Delete', and 'Clear'. Below the display is a large 'Wheel' with 'Wheel Functions' such as 'Function', 'Trim', 'Shuttle', 'Jog', 'Move Selection', 'Scroll Horizontal', 'Zoom Horizontal', 'Scroll Vertical', 'Zoom Vertical', and 'Shift'. On the left side, there is an 'Attention Channel' with a vertical scale from 12 to 60 and a 'Return to Zero' button. At the bottom, there are buttons for 'Jump to Previous Boundary', 'Jump to Next Boundary', 'Loop Playback Toggle', and 'Record Mode Toggle'.

Selectable Soft Keys

Main Counter

Soft Keys Page Select

Wheel Functions

Attention Channel

Return to Zero

Jump to Previous Boundary

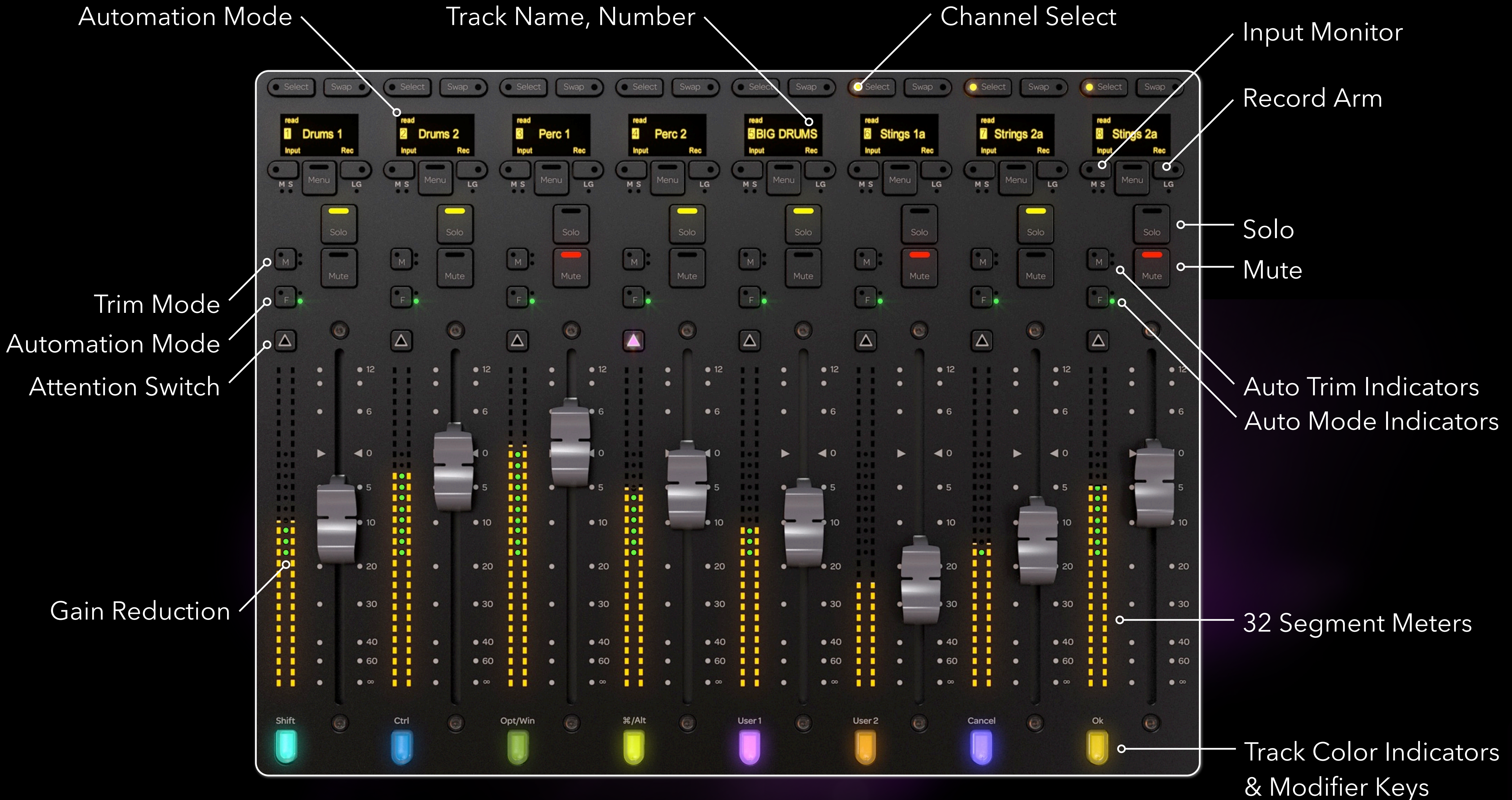
Jump to Next Boundary

Loop Playback Toggle

Record Mode Toggle



Fader Module





Process Module

Diagram illustrating the Process Module interface with various controls and modes:

- Clear Mode
- Expand Mode
- Global Bypass Functions
- Editing Mode
- Parameter Position
- Parameter Name & Value
- Assignable Encoder
- Page Left
- Page Right
- Back



Knob Module

Dynamics

Sends

EQ

Pan

cReleas

200.0ms

Sel

In

cAttack

200.0ms

Sel

In

cAttack

100.0us

Sel

In

cThresh

-24.0dB

Sel

In

cRatio

1.0:1

Sel

In

Config

◀

▶

FX1

0

Sel

In

FX2

0

Sel

In

FX3

0

Sel

In

FX4

0

Sel

In

Config

◀

▶

Hi Freq

10.5 kHz

Sel

In

Hi Gain

0.0 dB

Sel

In

Hi Freq

2.6 kHz

Sel

In

Hi Gain

0.0 dB

Sel

In

Config

◀

▶

cAttack

200.0ms

Sel

In

cAttack

100.0us

Sel

In

cThresh

-24.0dB

Sel

In

cRatio

1.0:1

Sel

In

Config

◀

▶

Hi Freq

10.5 kHz

Sel

In

Hi Gain

0.0 dB

Sel

In

Hi Freq

2.6 kHz

Sel

In

Hi Gain

0.0 dB

Sel

In

Config

◀

▶

FX1

-2.5

Sel

In

FX2

-2.5

Sel

In

FX3

-2.5

Sel

In

FX4

-2.5

Sel

In

Config

◀

▶

L FR Div

45

Sel

In

F/R Div

0

Sel

In

L FR Div

100

Sel

In

R Div

100

Sel

In

Config

◀

▶

Switched Functions

Parameter Position

Parameter Name & Value

Multi-Color Encoder (rotate, push)

Page Left

Page Right

Back



Display Module

Waveforms & Functions





Display Module: Views



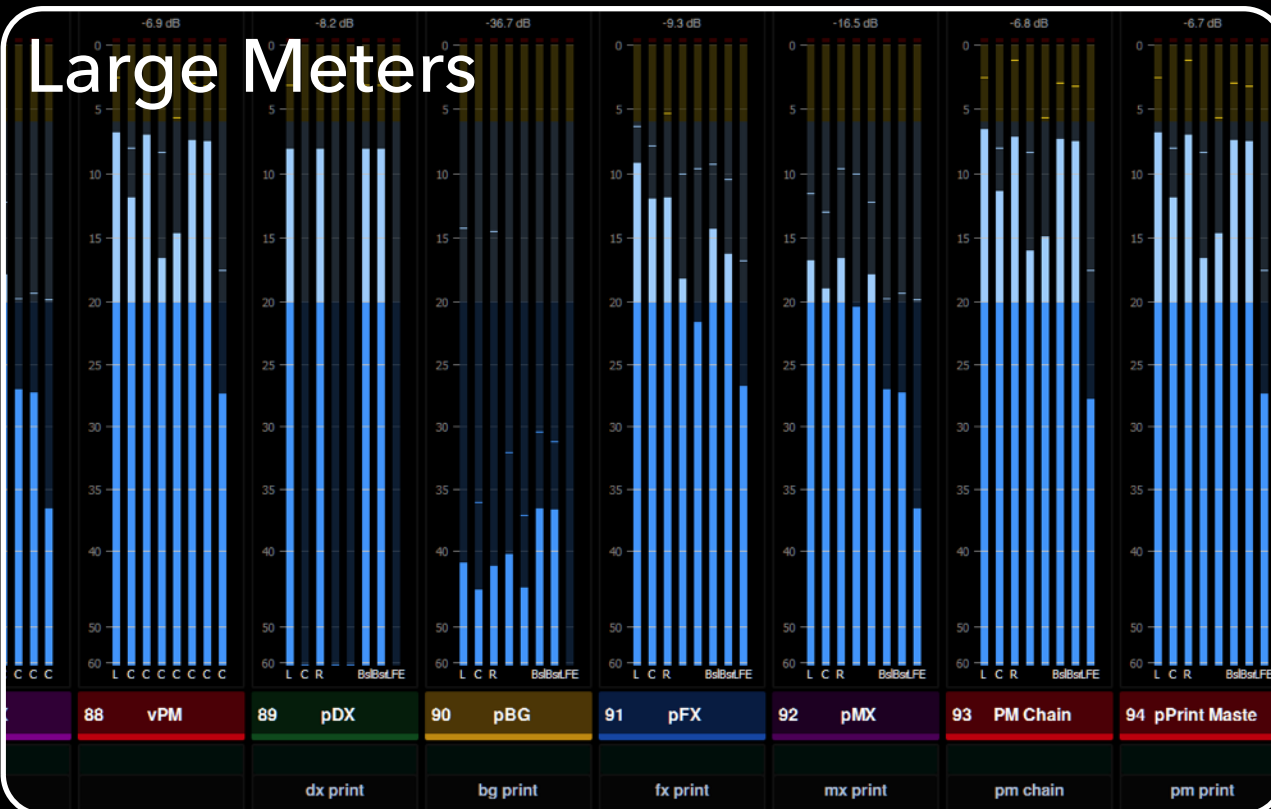
Display Module

Display

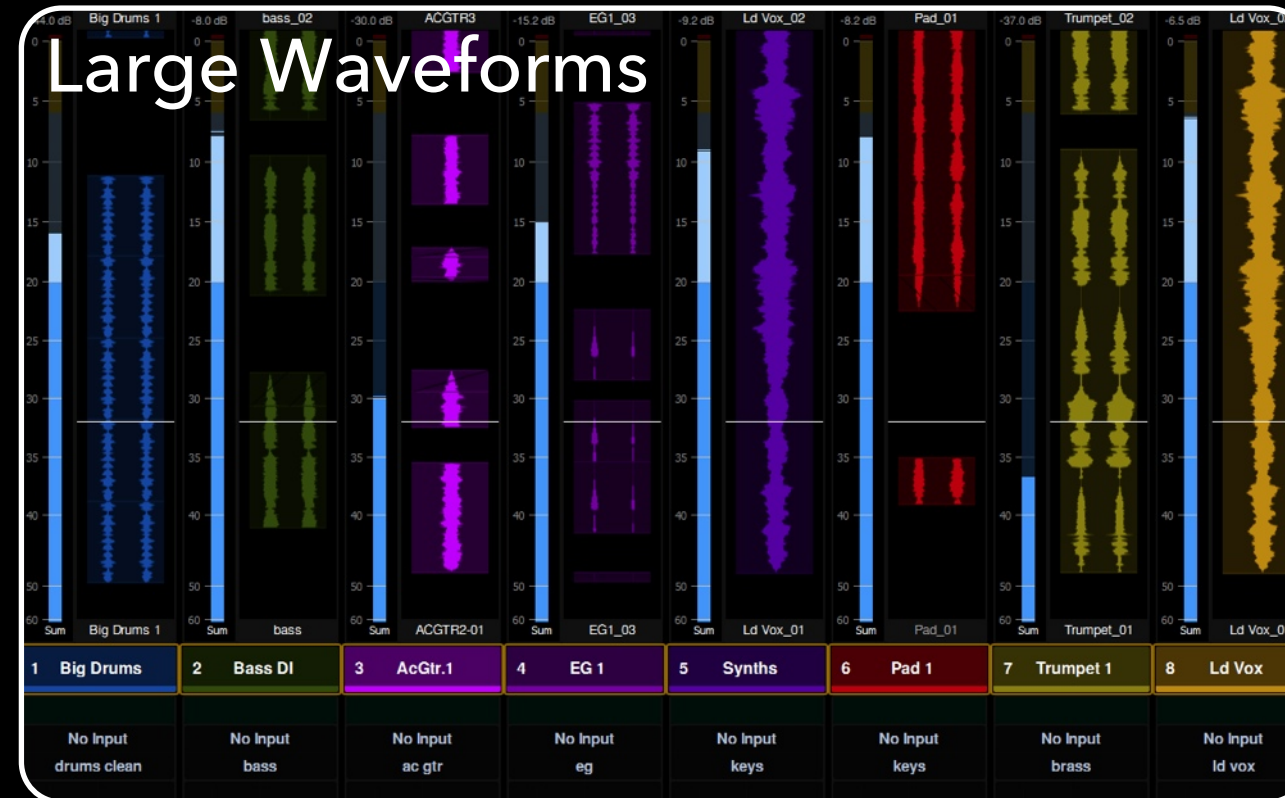
Layout:

- ☐ Large Meters
- ☐ Large Waveforms
- ☐ Meters and Waveforms
- ☐ Meters and Function
- ☒ Waveforms and Function
- ☐ Waveforms and Dual Function
- ☐ Waveforms and Dual Function + Route

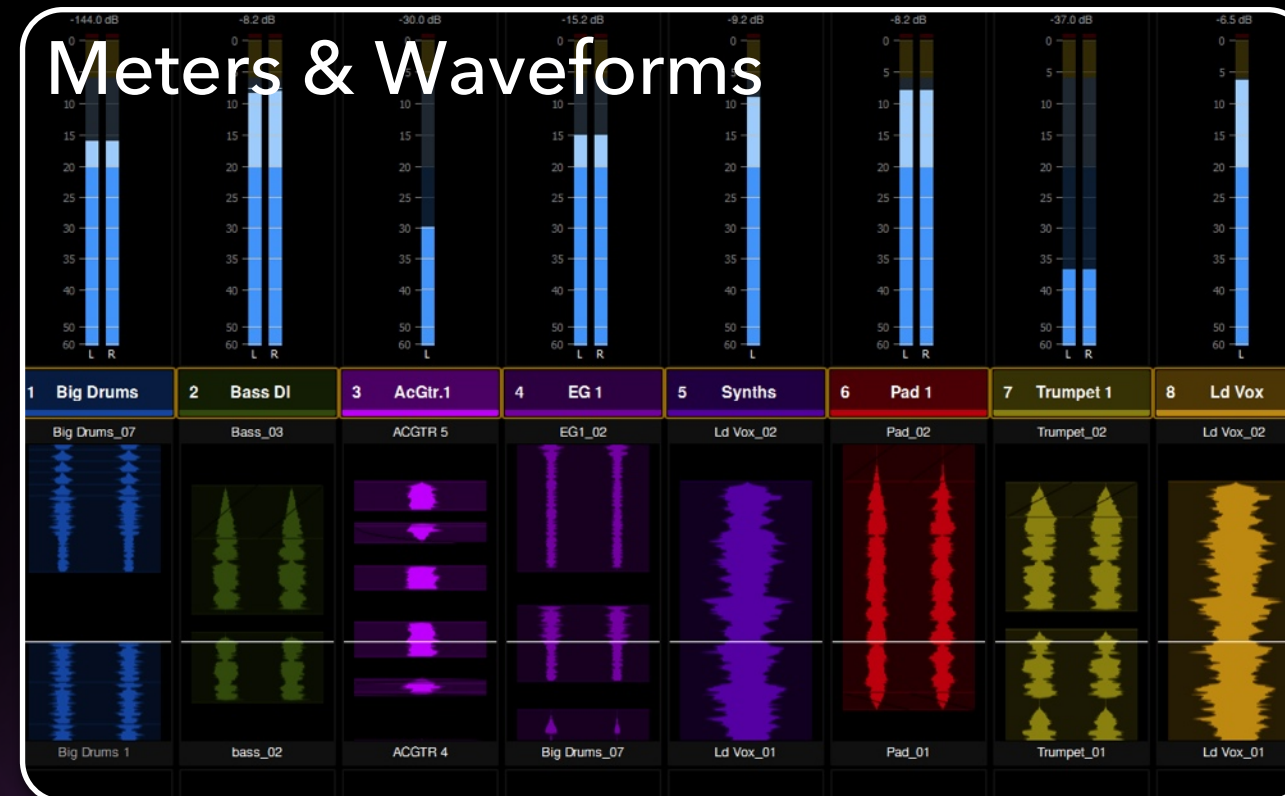
Large Meters



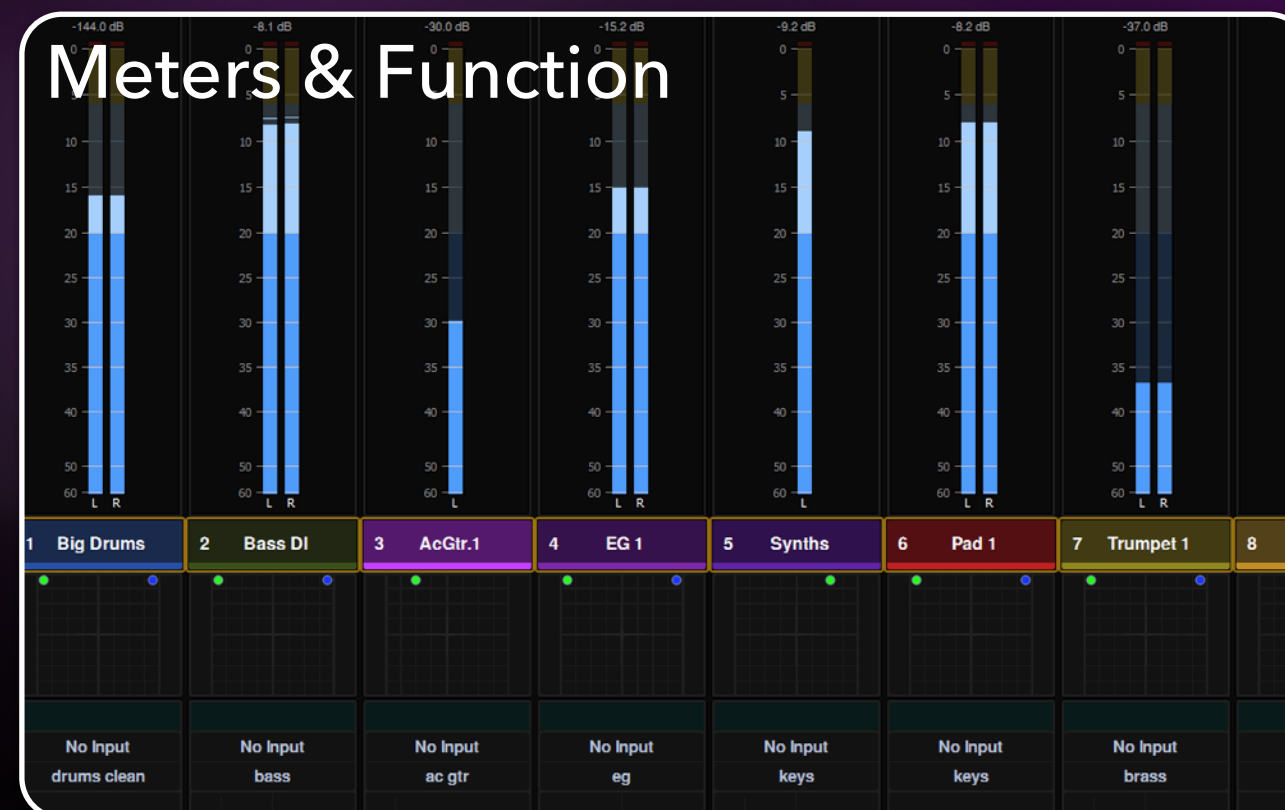
Large Waveforms



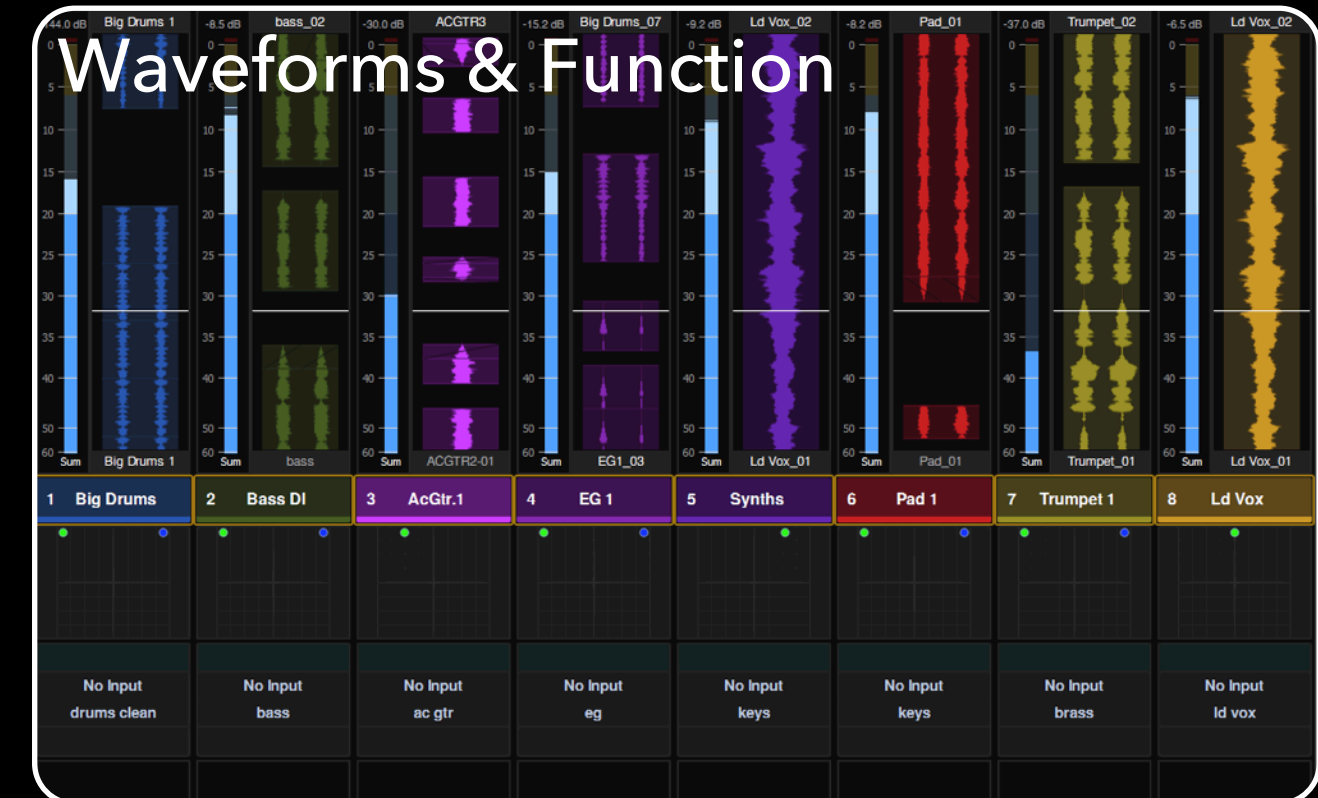
Meters & Waveforms



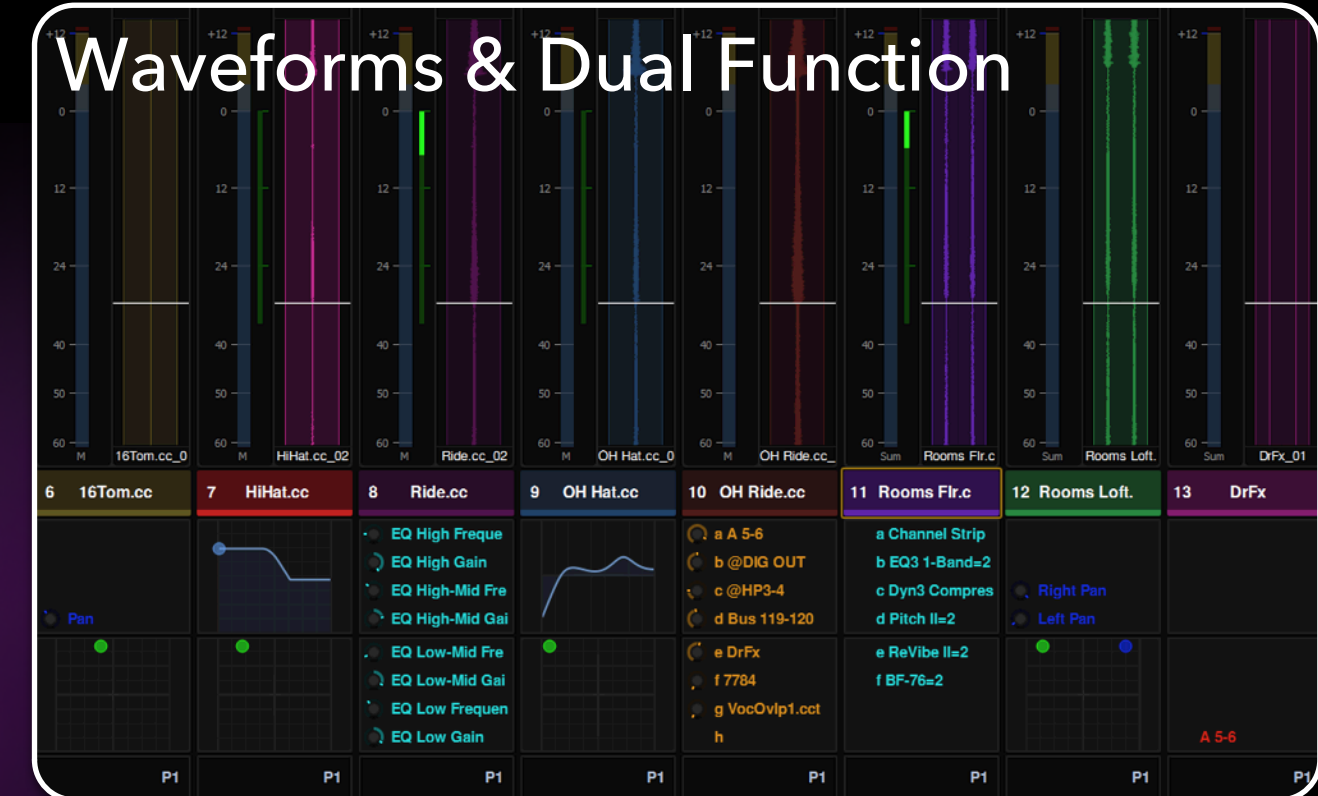
Meters & Function



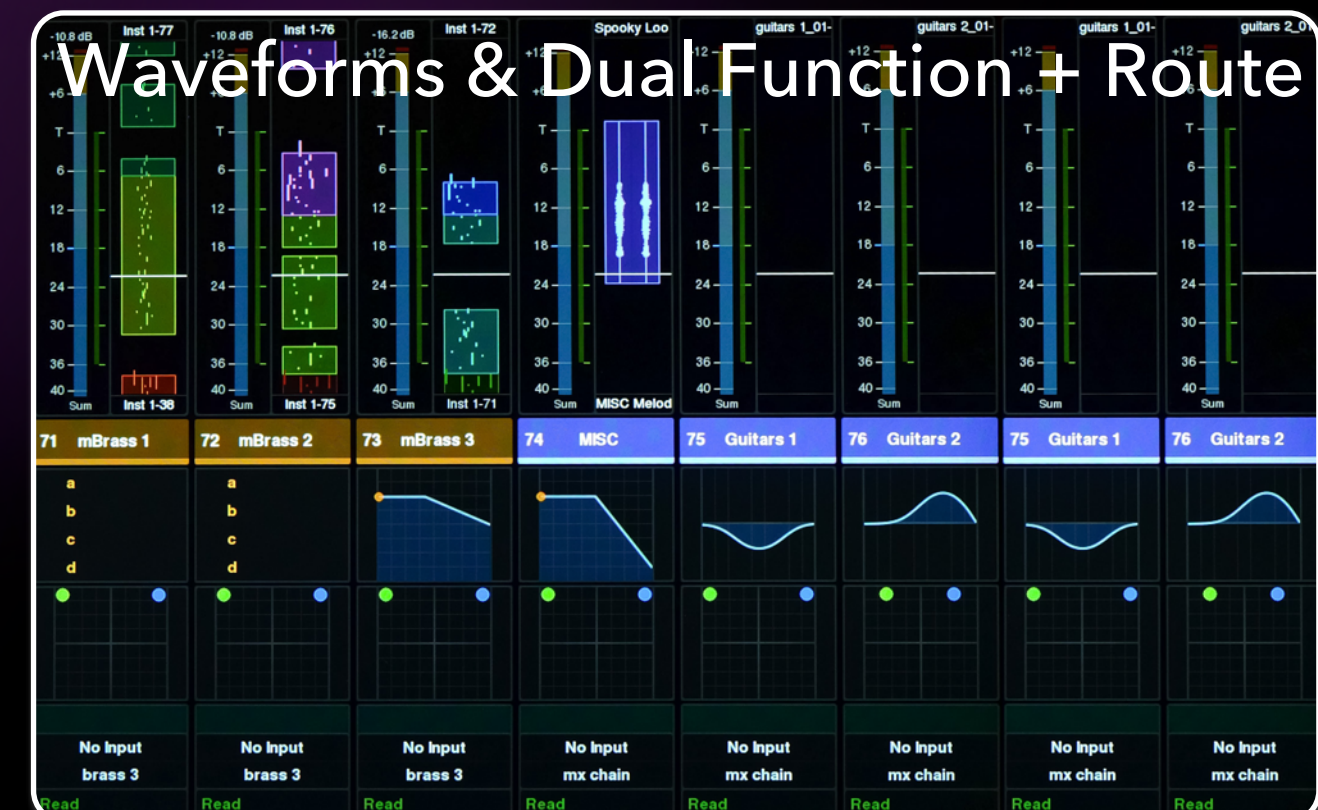
Waveforms & Function



Waveforms & Dual Function



Waveforms & Dual Function + Route



S6

[Return to Index]



Display Module: Functions



Dynamics Curve



EQ Curve



Panning Plot

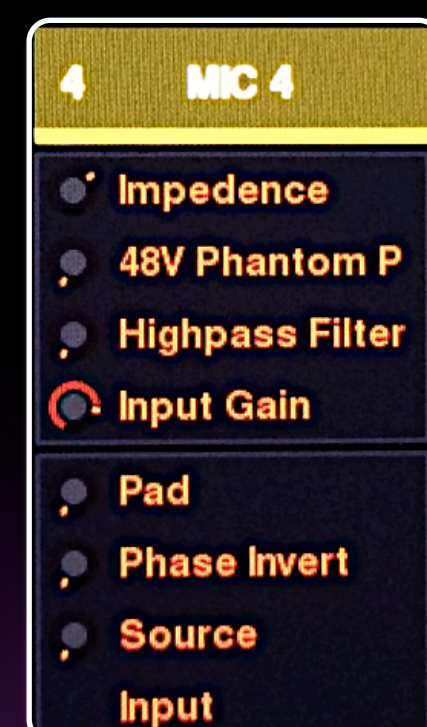
Dual Function Views



Routing: I/O & Automation



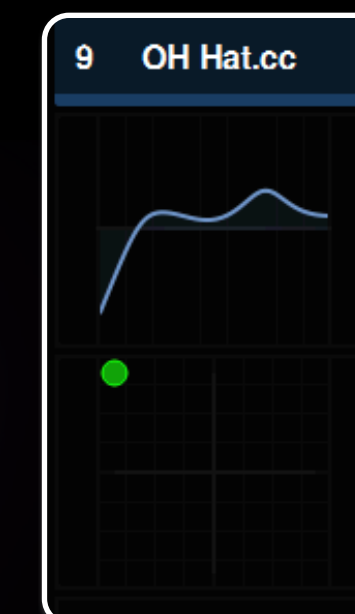
Inserts: Chain
a - h (8)



Input & Preamp (8)



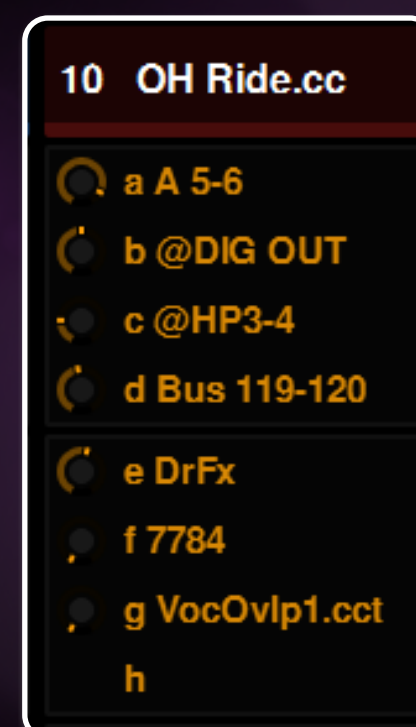
Pan: Plot & Params



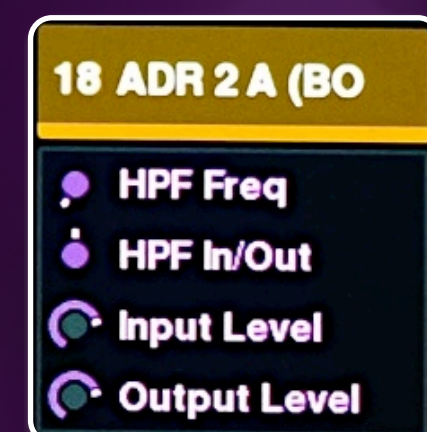
EQ & Pan



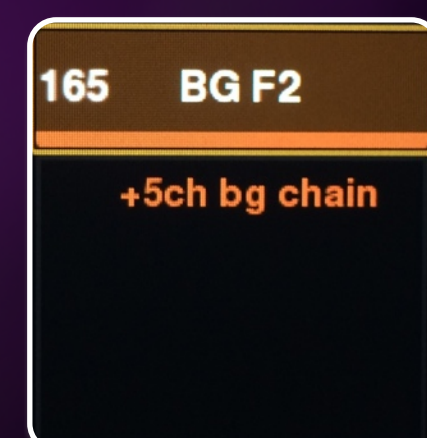
Inserts: Parameters:
EQ (8)



Sends:
a - h (8)



EQ: (4)



Bus: Multi-Assign (4)

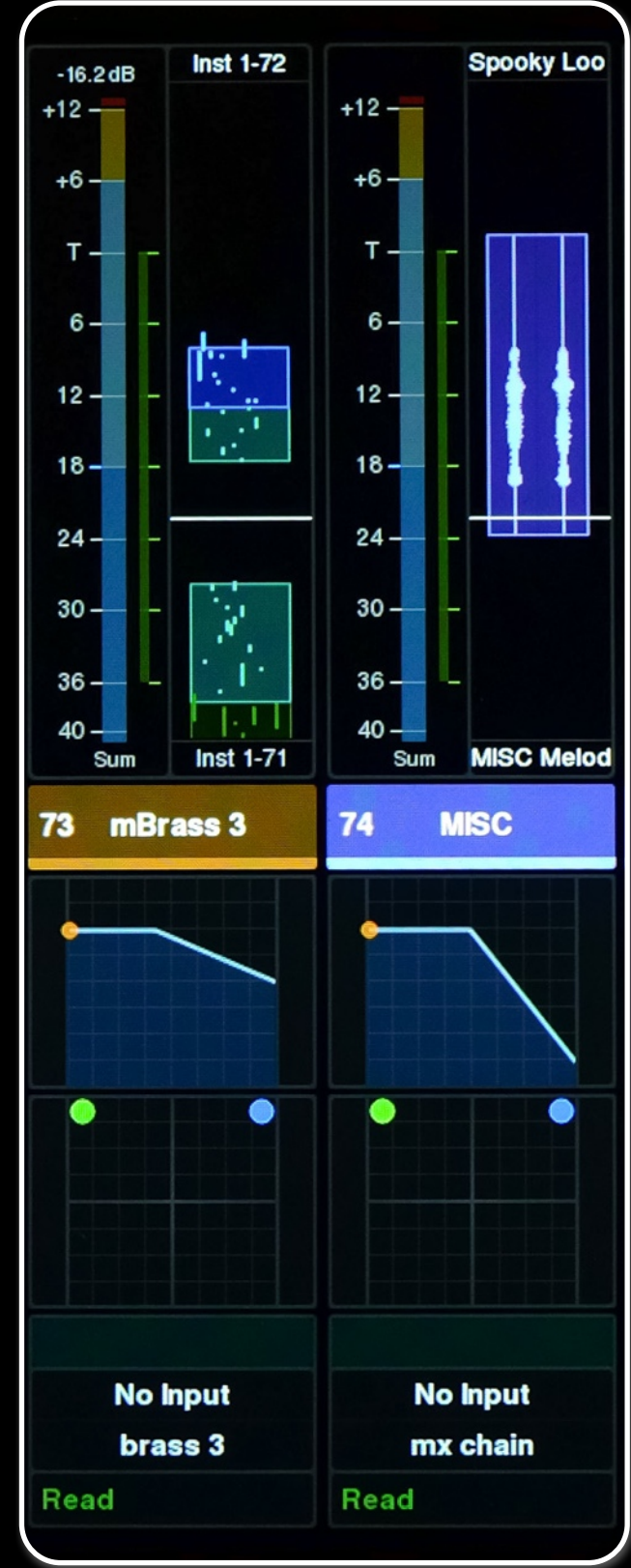


Edit Mode: (4)



Gain Reduction Metering

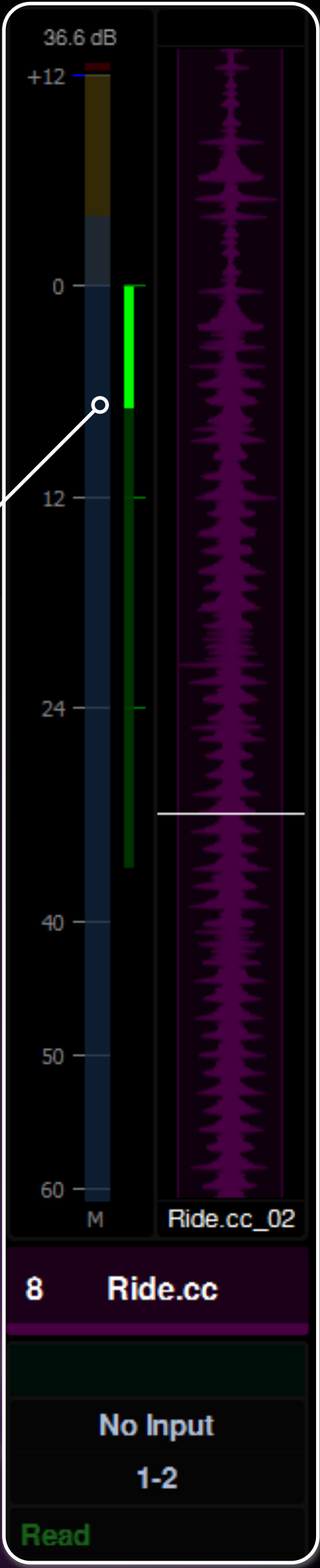
Gain Reduction Meters are shown on the Display Modules, Fader Module, and Master Module Home Page. Pro Tools Metering Preferences determine the Scale, Ballistics and Gain Reduction Settings.



Dynamic Graphs with Bouncing Level Ball on Display and Master Module

Green Downward Reduction Indication on Display Modules

- Compressor/Limiter
- Expander/Gate
- Priority Compressor/Limiter
- Priority Expander/Gate
- ✓ All - Summed



Meters Types and Settings follow Pro Tools

Green LED Gain Reduction Indication on Channel Fader





Waveform Zooming



Display Module

Display

Waveform Zoom

34 secs

1 sec1 min

Variable Zoom: 1 to 60 sec

The time window represented on the Display Modules can be adjusted either from the **Preferences** or by using the **Display** switches on the Master Module.

MixerCloseClear Solo

HomeEnd

Display 1

Display 2

SelIn

SettingsShift

Config

Zoom Out: 10 Seconds

Zoom In: 10 Seconds

Shift

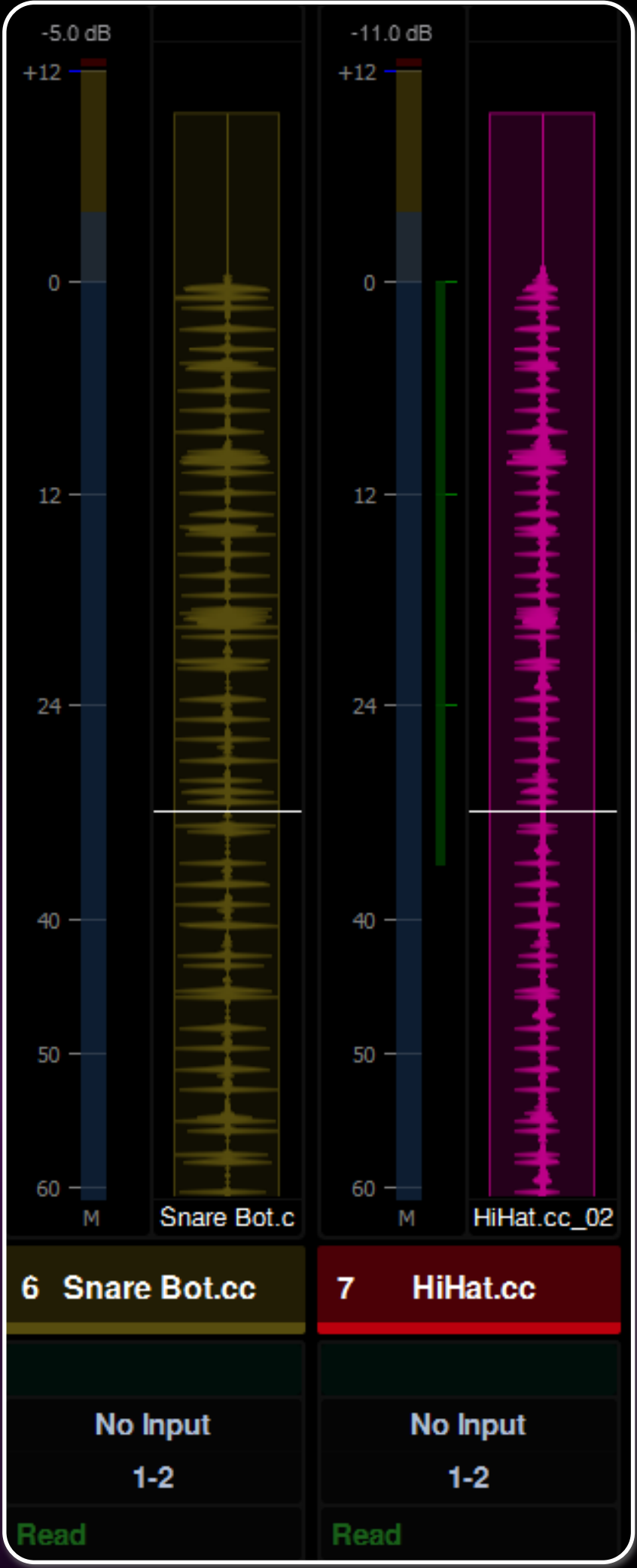
+

Display 1

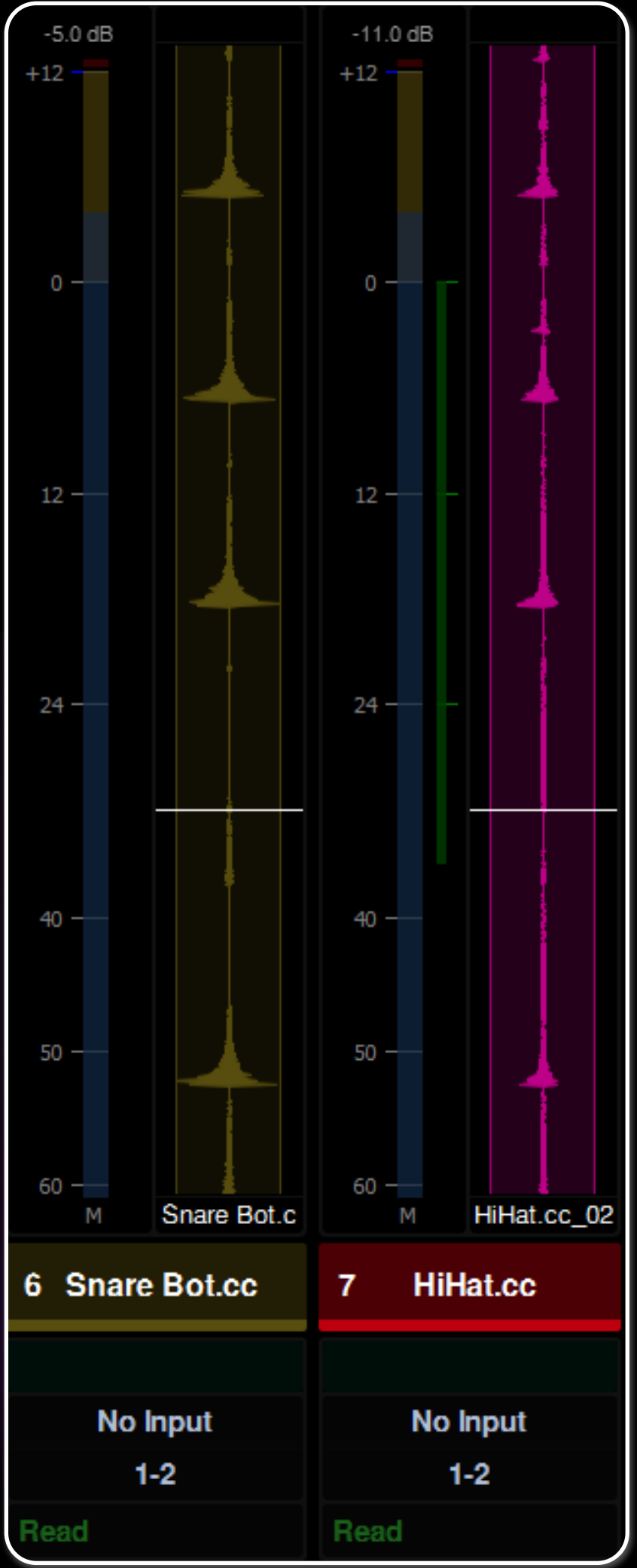
Display 2

Zoom Out: 1 Second

Zoom In: 1 Second



60 Seconds



3 Seconds



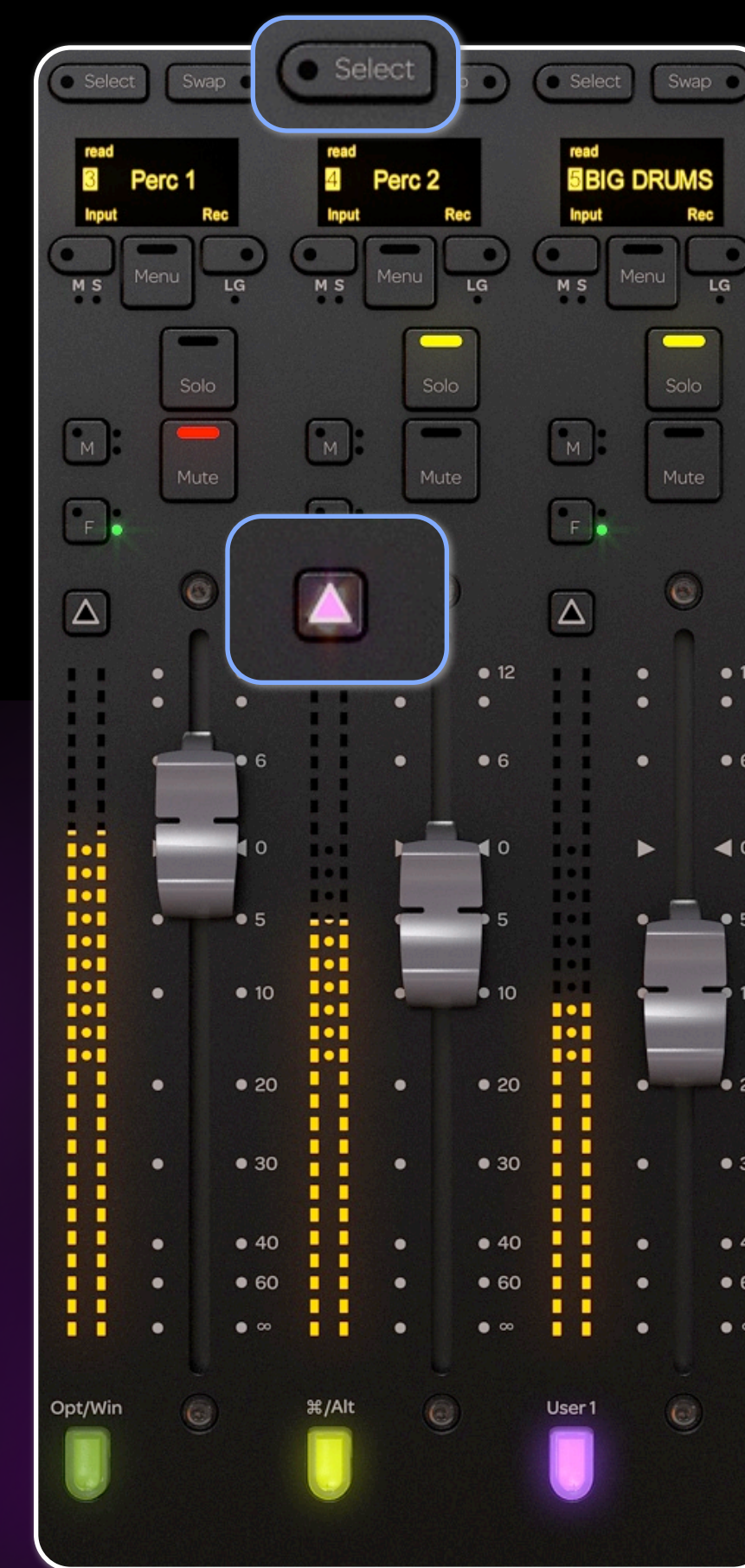
Banking Techniques



Bank & Nudge from
Dedicated Switches on the
Master Module



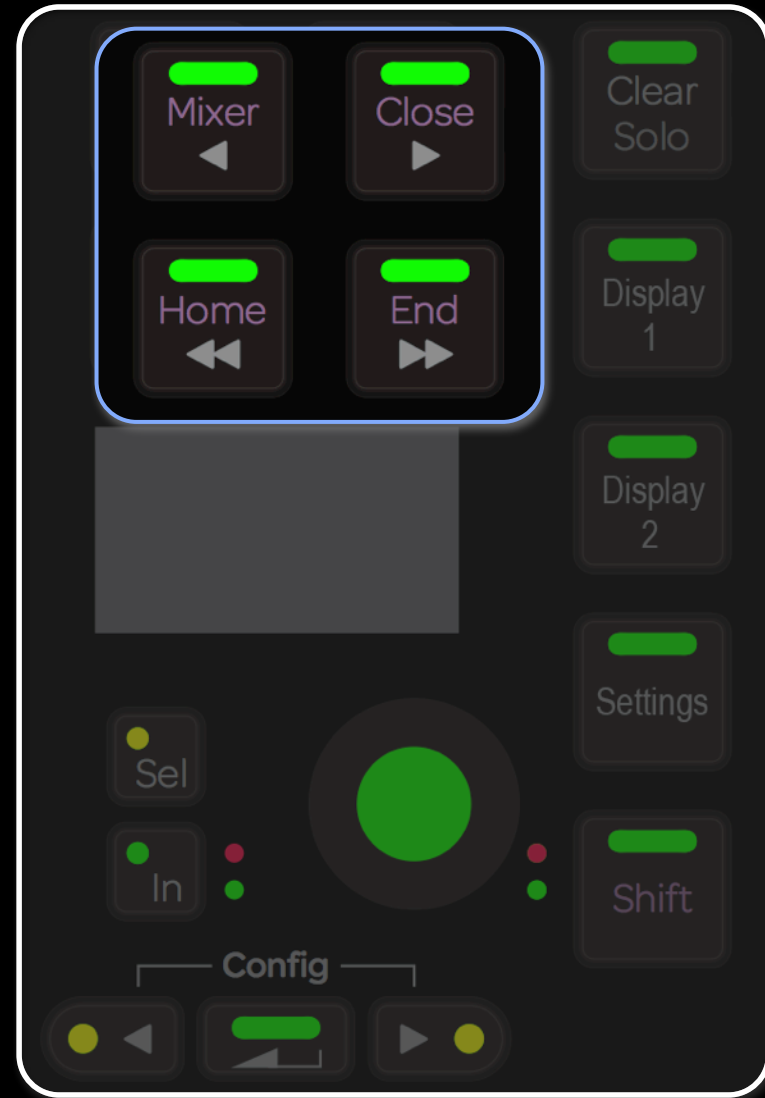
 Set the Local Track View
Options to Auto-Bank on
Attentioned or Selected



Press **Select** or **Attention**
with Auto-Bank
Preference Enabled



Banking & Nudging



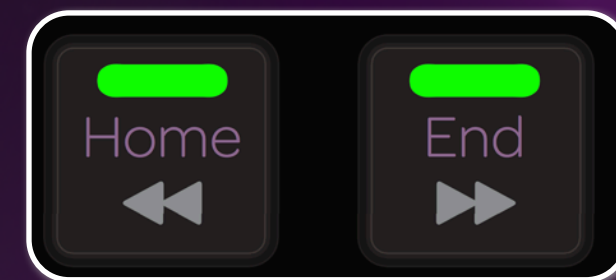
Nudge Left/Right by 1 Track



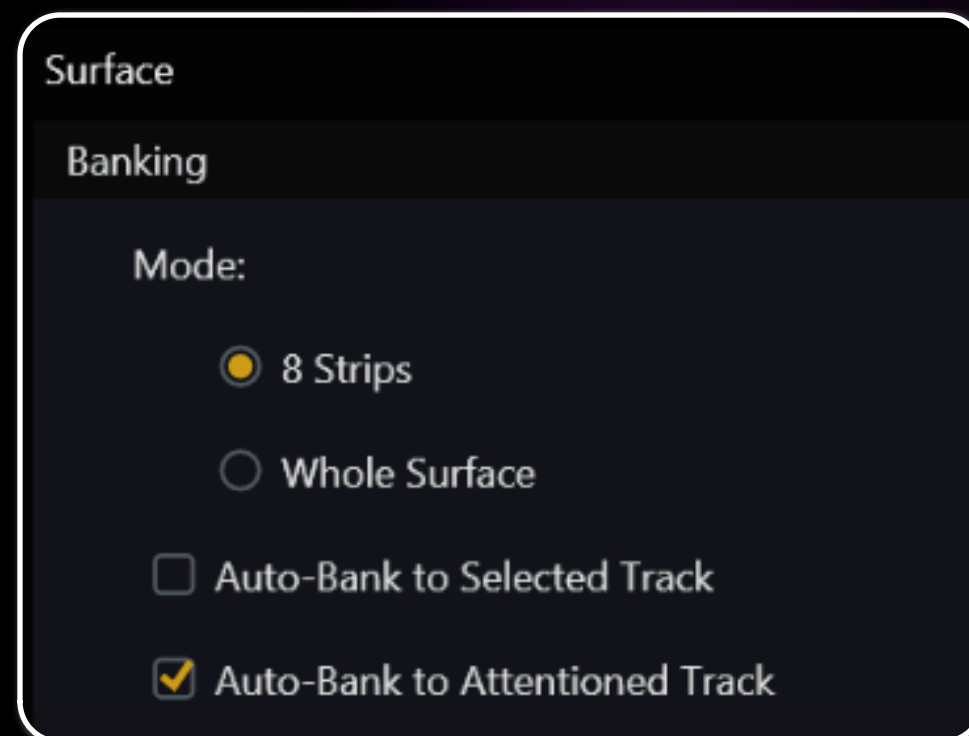
Bank Left/Right by 8 Strips or the Entire Surface



+

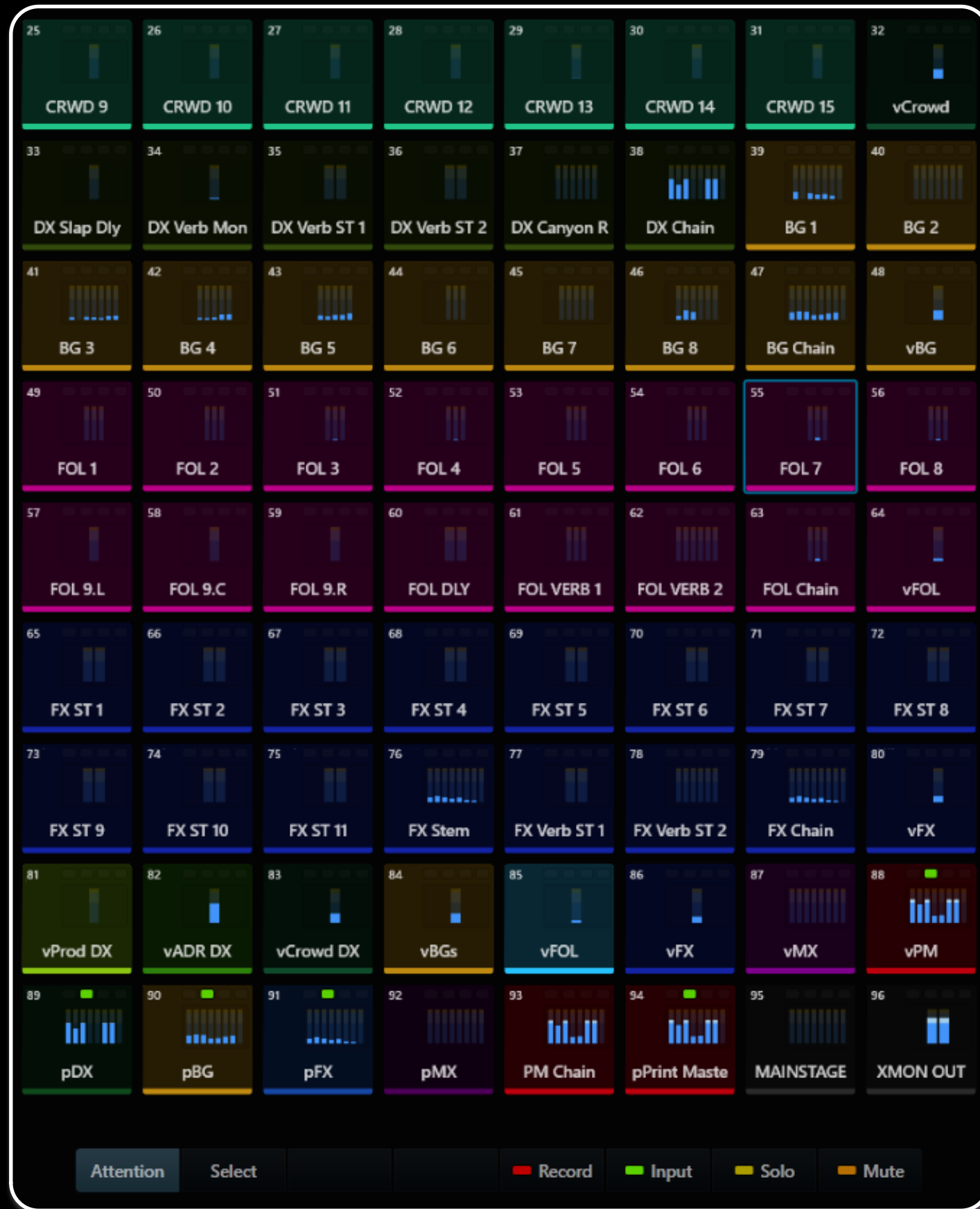


Bank to First or Last Tracks in Session

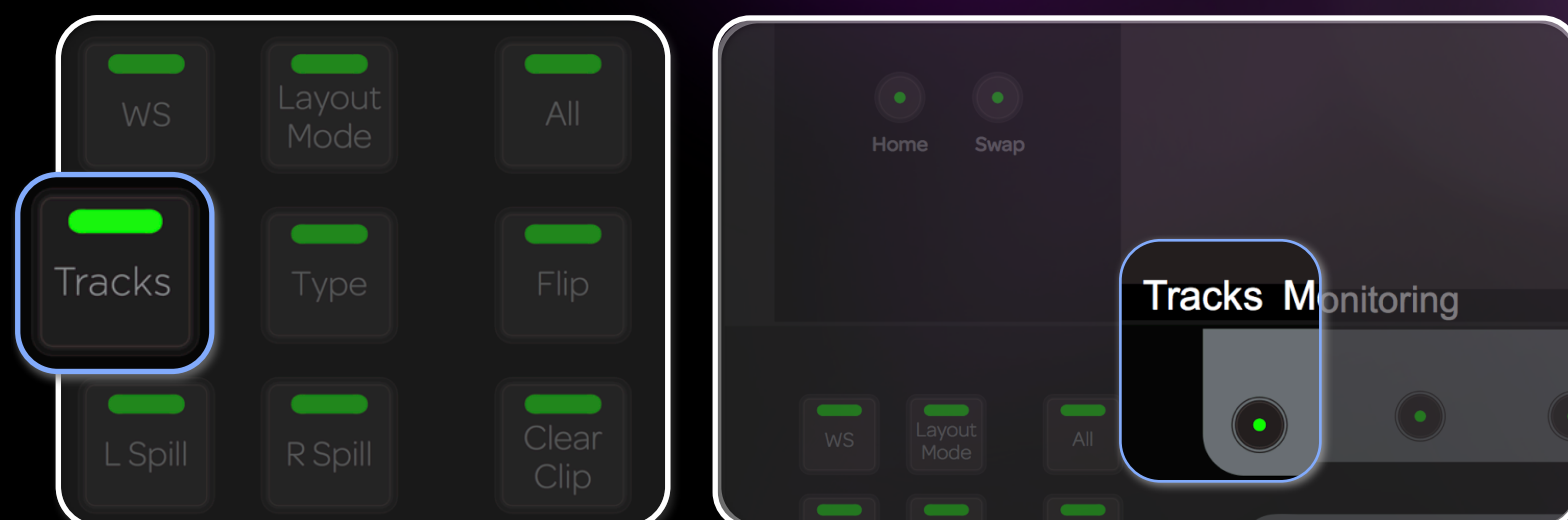




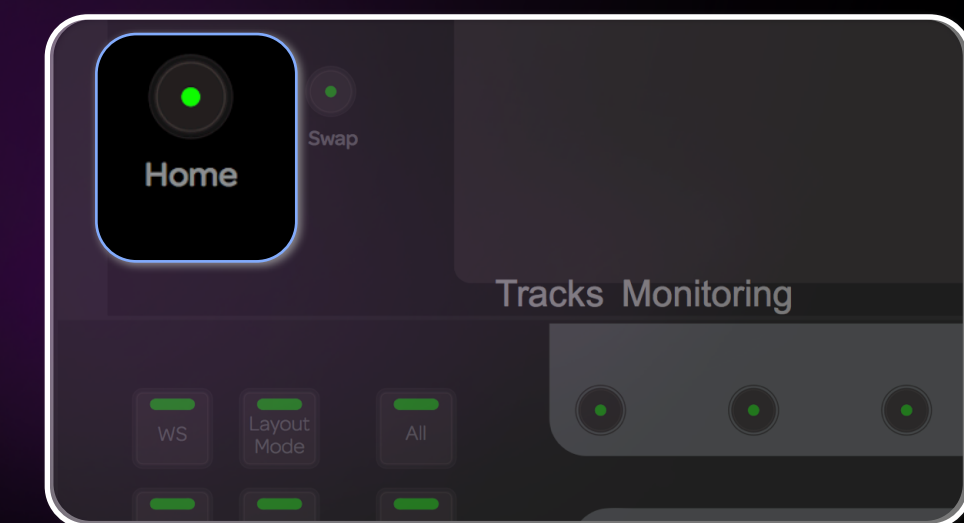
Managing Views



Press the **Tracks** button to access a Matrix View of 72 Tracks per page



Press the **Home** button to access all of the control functions for the Attentioned Track plus the Scrolling Meter Bridge





Process Module: Views

Clear Mode: **Clear**

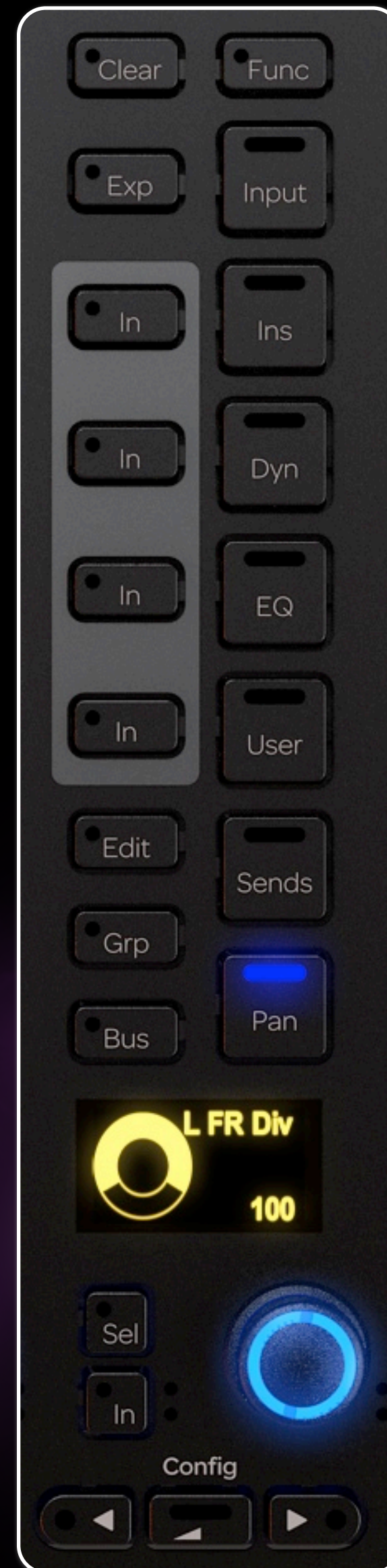
Expand Mode: **Exp**

Global Bypass: **In**

Editing Mode: **Edit**

Group Assignment: **Grp**

Output Busses & Paths: **Bus**



Input: Inputs & Remote Mic Preamp (Hold for Instruments)

Inserts: Plug-Ins View (Hold for HEAT)

Dyn: Dynamics View

EQ: EQ View

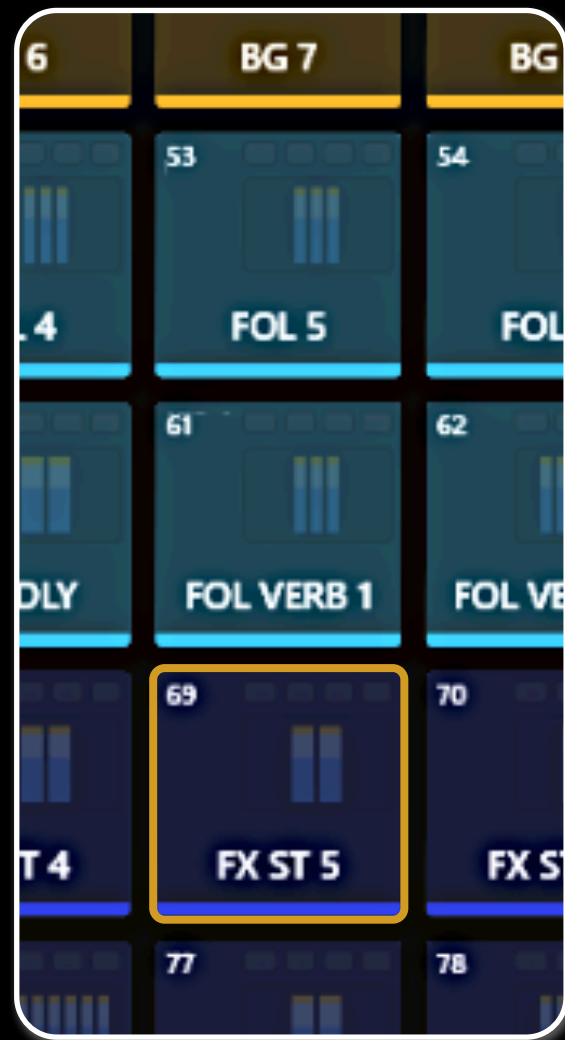
User: Instrument Track View

Sends: Sends View

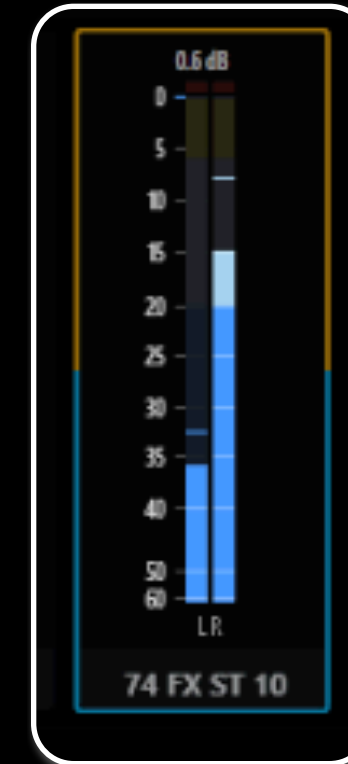
Pan: Panning View



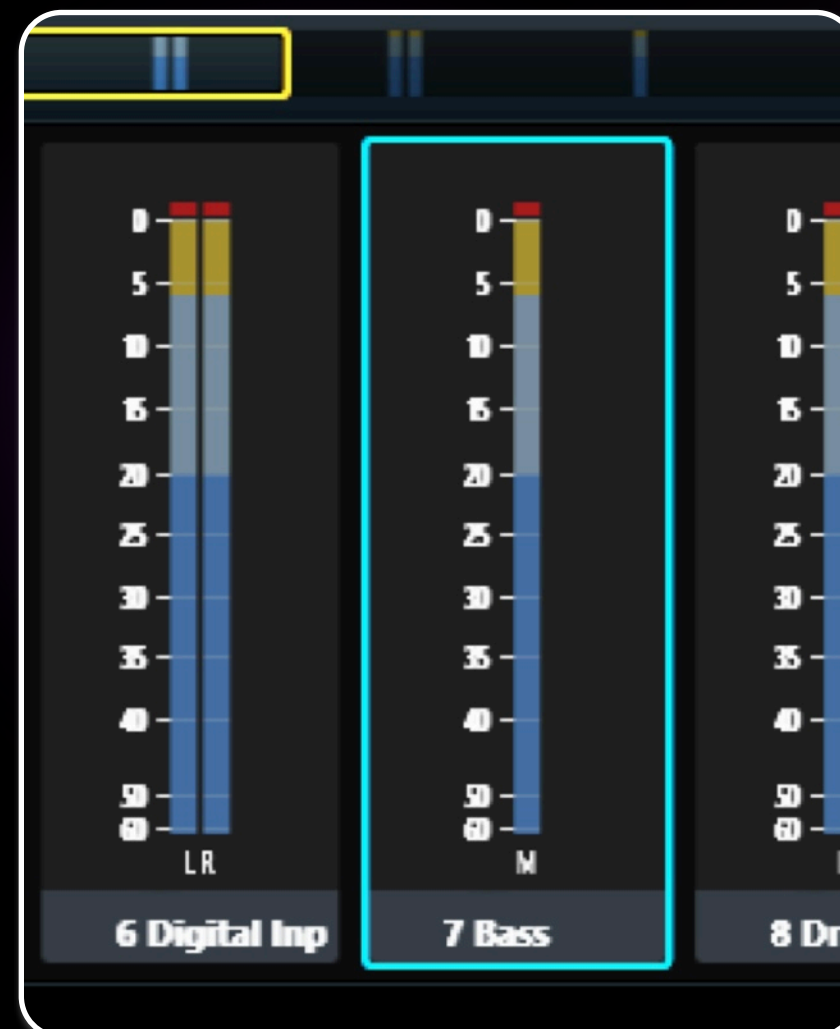
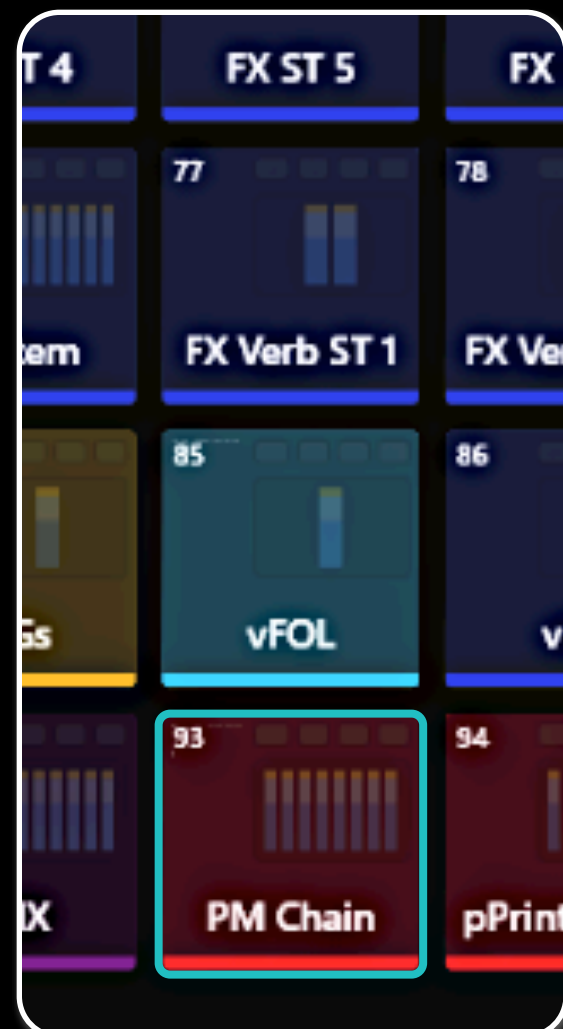
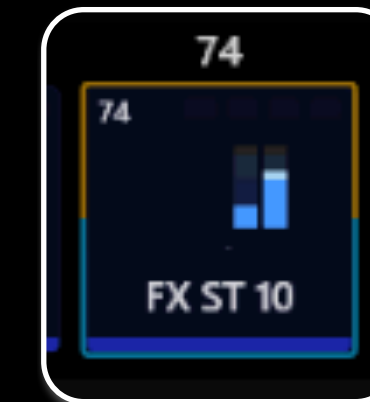
Indicators



Selected Tracks are indicated with Orange.



A selected track which is also **Attentioned** is indicated with Orange top and Blue bottom.



Attentioned Tracks are indicated in Blue.

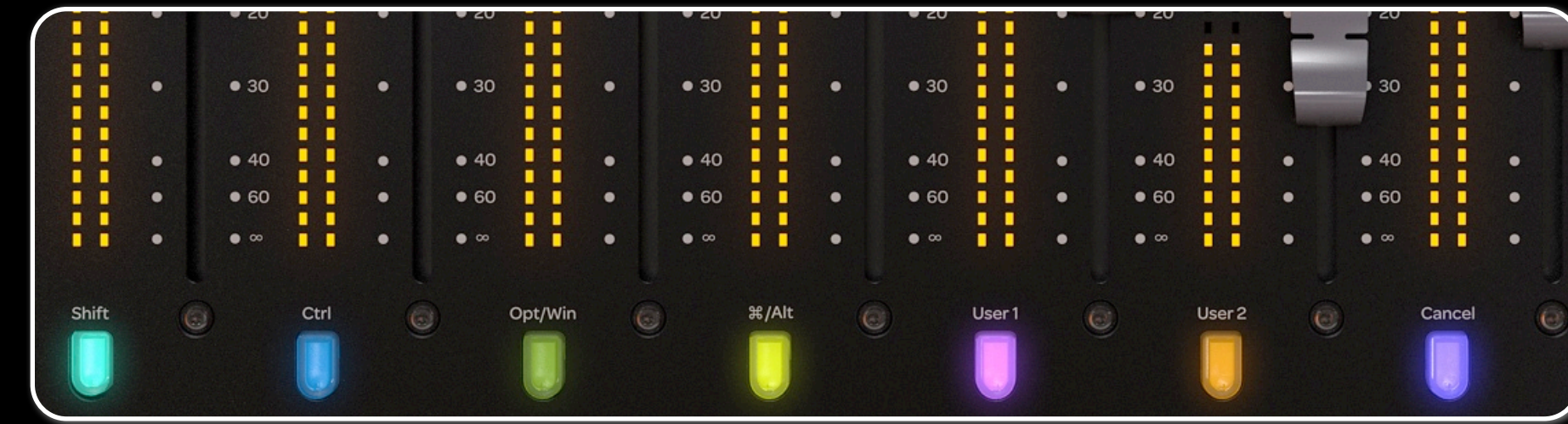
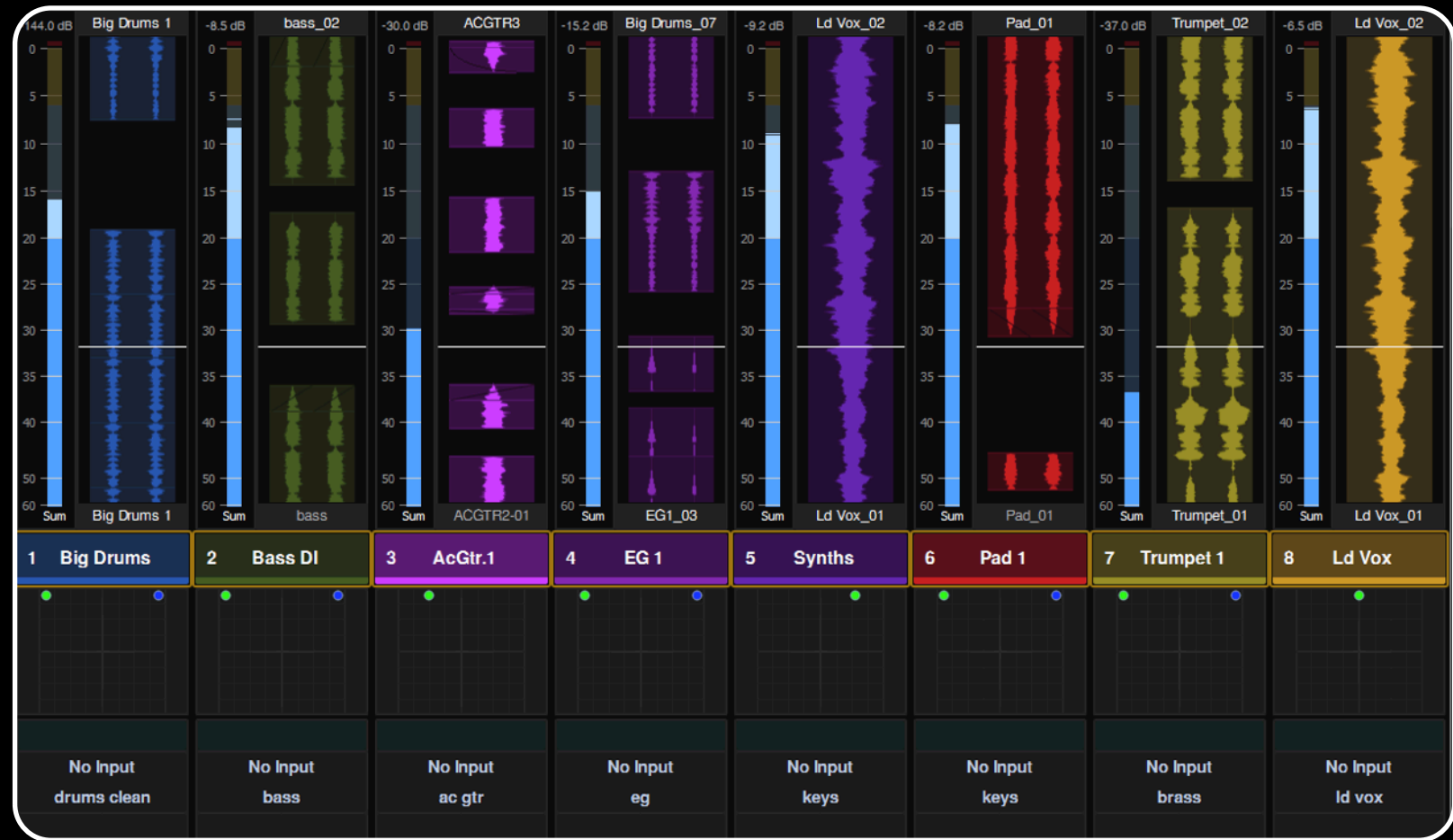
Track Indicators



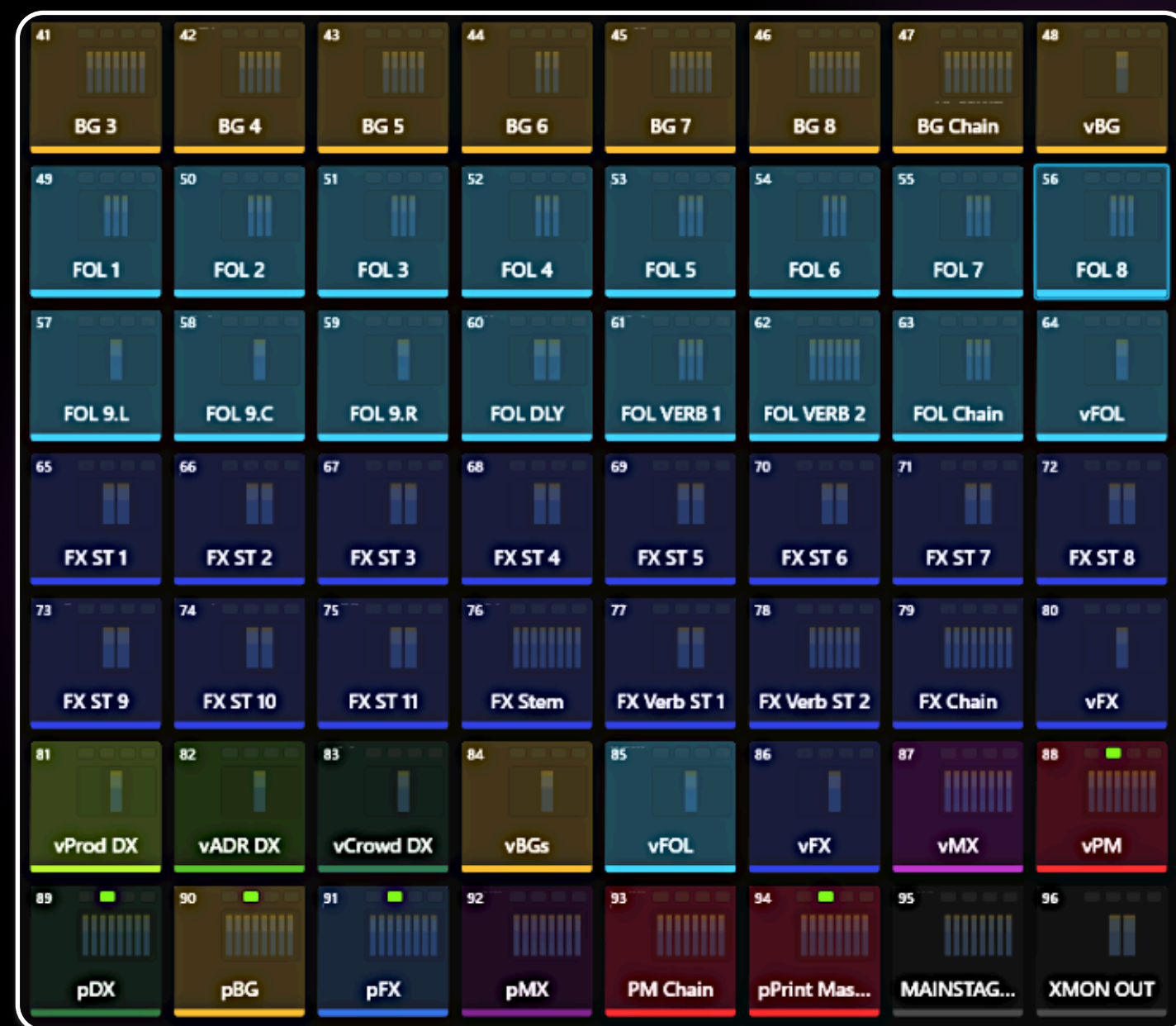
Record (Red), Input (Green), Solo (Yellow) & Mute (Orange).



Color Coding



Track Color Indicators





Matrix: Gestures



Touch Individual Tracks One by One
(Channel Select Mode = Sum)

⚙️ Set Channel Selection behavior from the Local Options



Touch and Hold, then Swipe to add multiples in the same row
(Channel Select Mode = Intercancel)



Touch and Hold one track (with one hand) while touching additional Tracks (with second hand)
(Channel Select Mode = Intercancel)



Track Selector

Channel Selection Mode:

☐ Sum

☒ Intercancel

Position:

☐ Always Start with Channel 1 on All Page

☒ Last Position of Track Selector

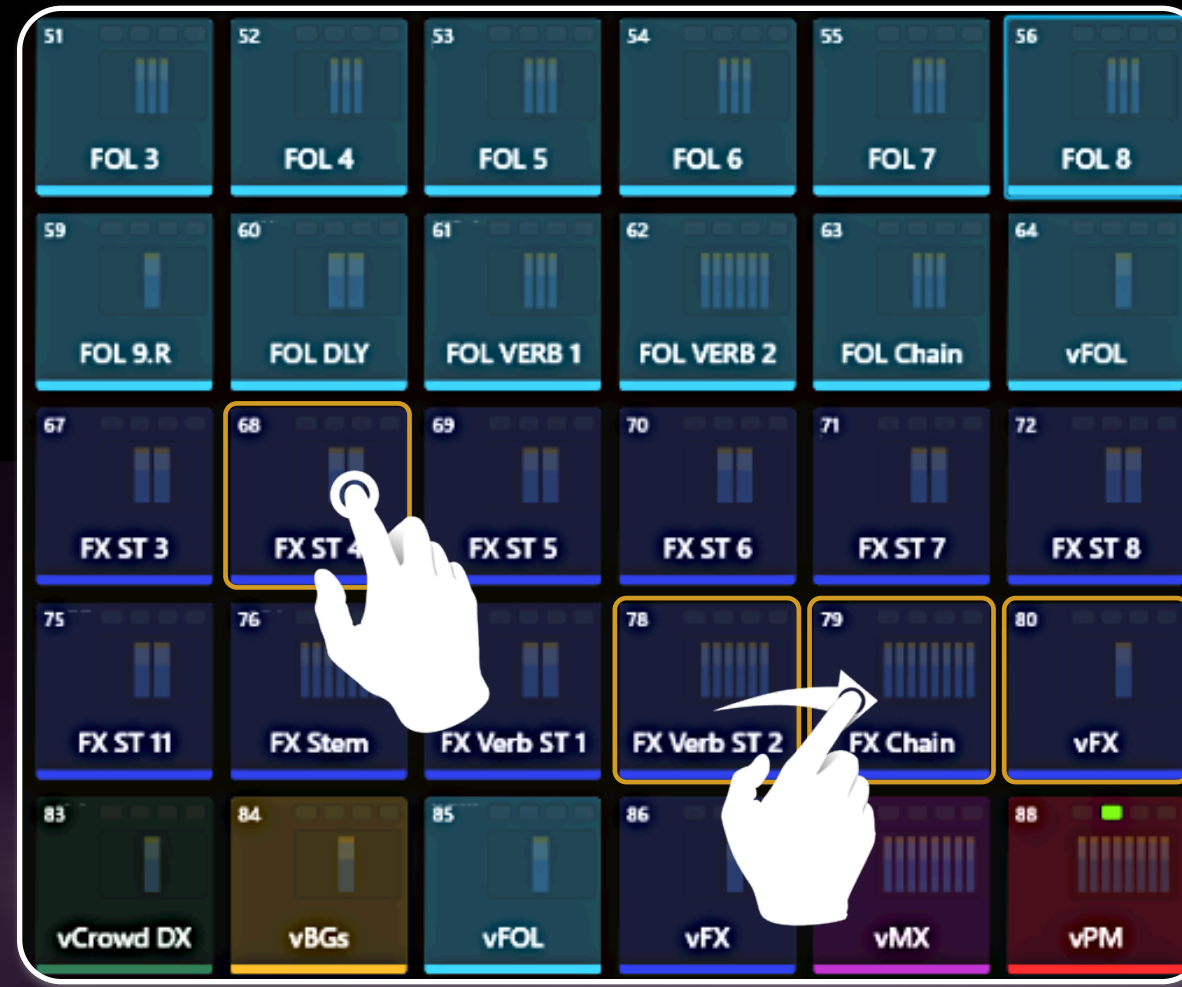
☐ Attentioned Track

☒ Display Breaks on Track Color

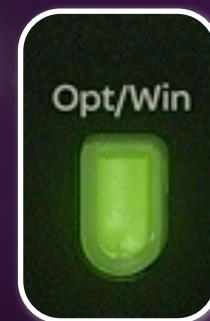


Matrix: Selecting Tracks

Choose **Select** Mode from the Tracks Matrix and Touch a Track to Select it



To Select Multiple Tracks, Touch and Hold one track while Touching or swiping additional tracks



+



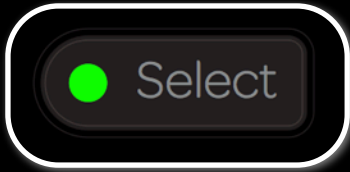
To Clear Multiple Track Selections hold **Option** and Touch Tracks

S6

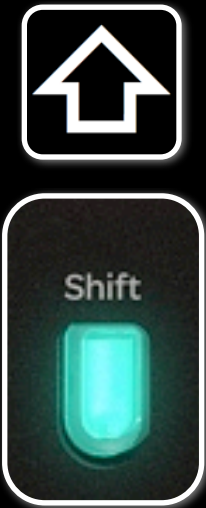
[Return to Index]



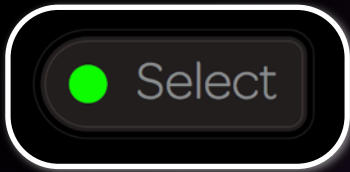
Selecting Track Ranges



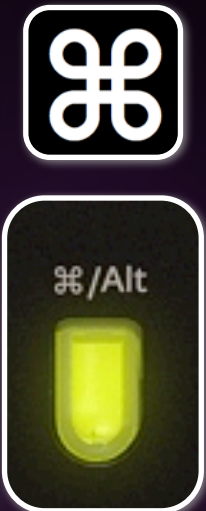
+



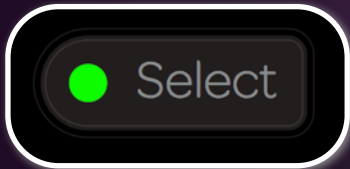
Select a Contiguous Range of Tracks



+



Select a Discontiguous Range of Tracks



+



Select All Tracks in Session



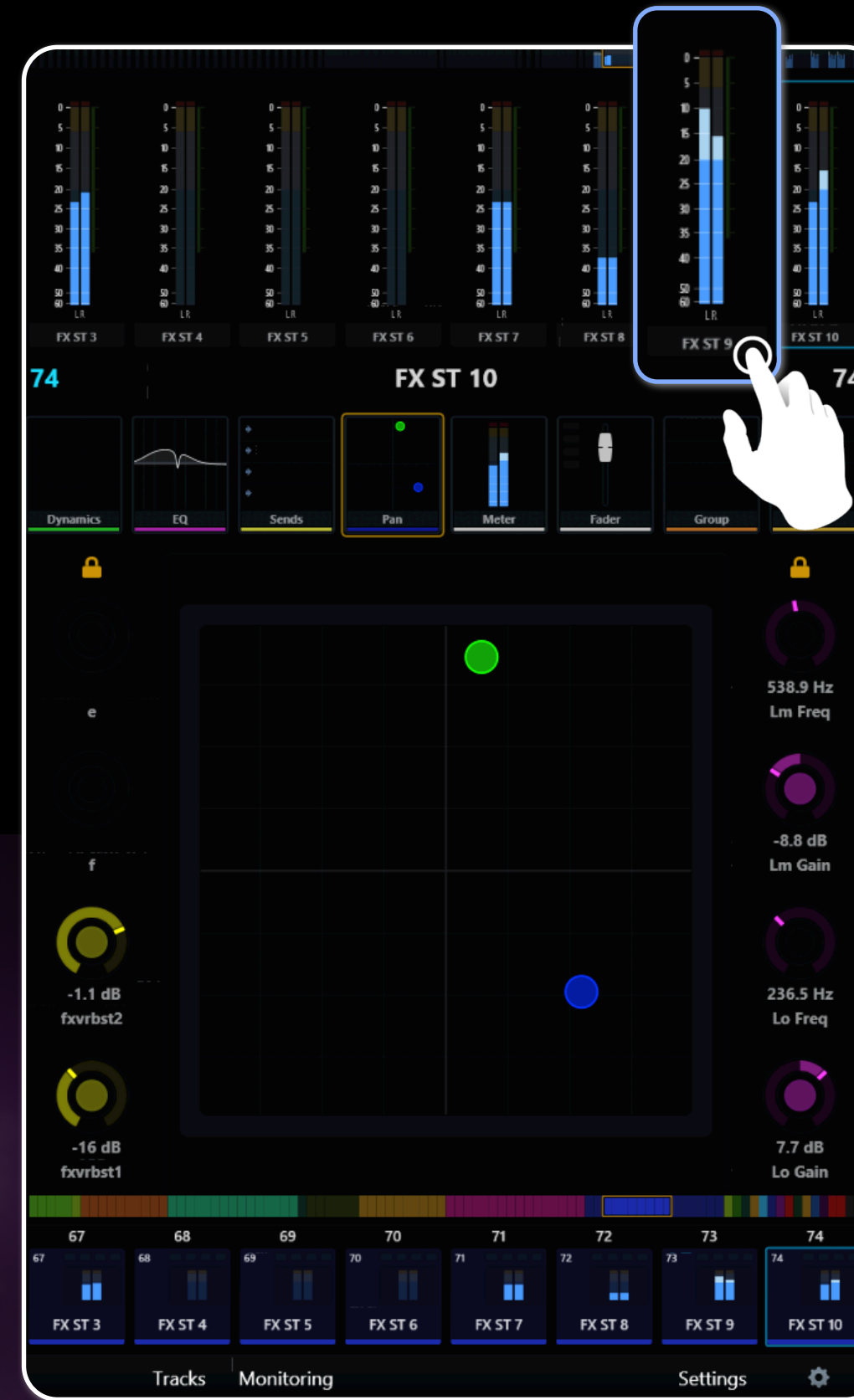
Attentioning Tracks



Toggle Attention Mode
in the Track Matrix and
Touch a Track



Press the
Channel's
Attention
Button



Use the Meter Scroller
to Touch a Track ⚙️

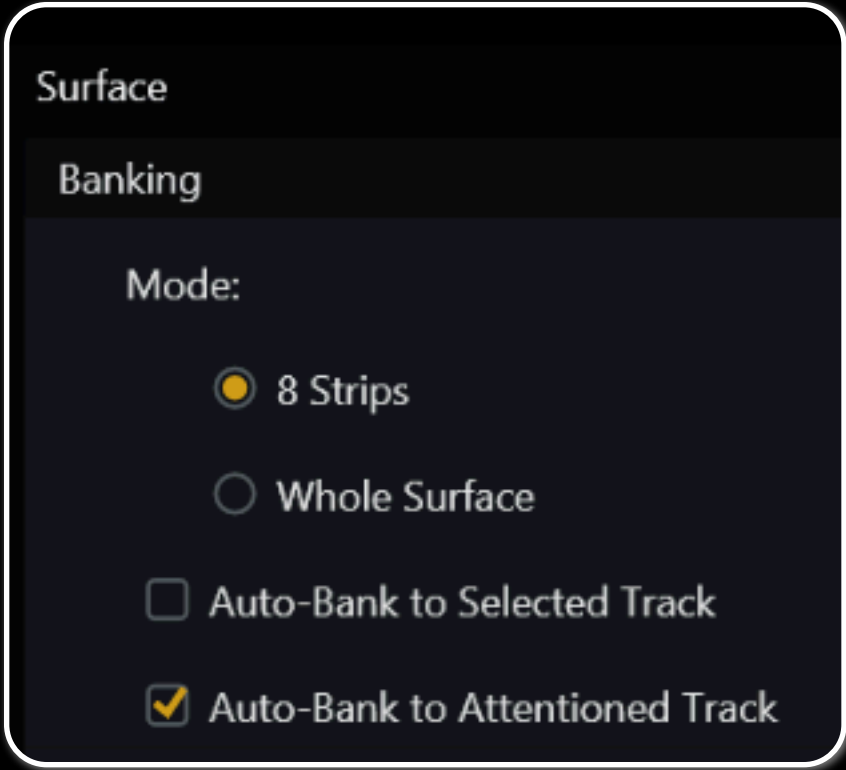
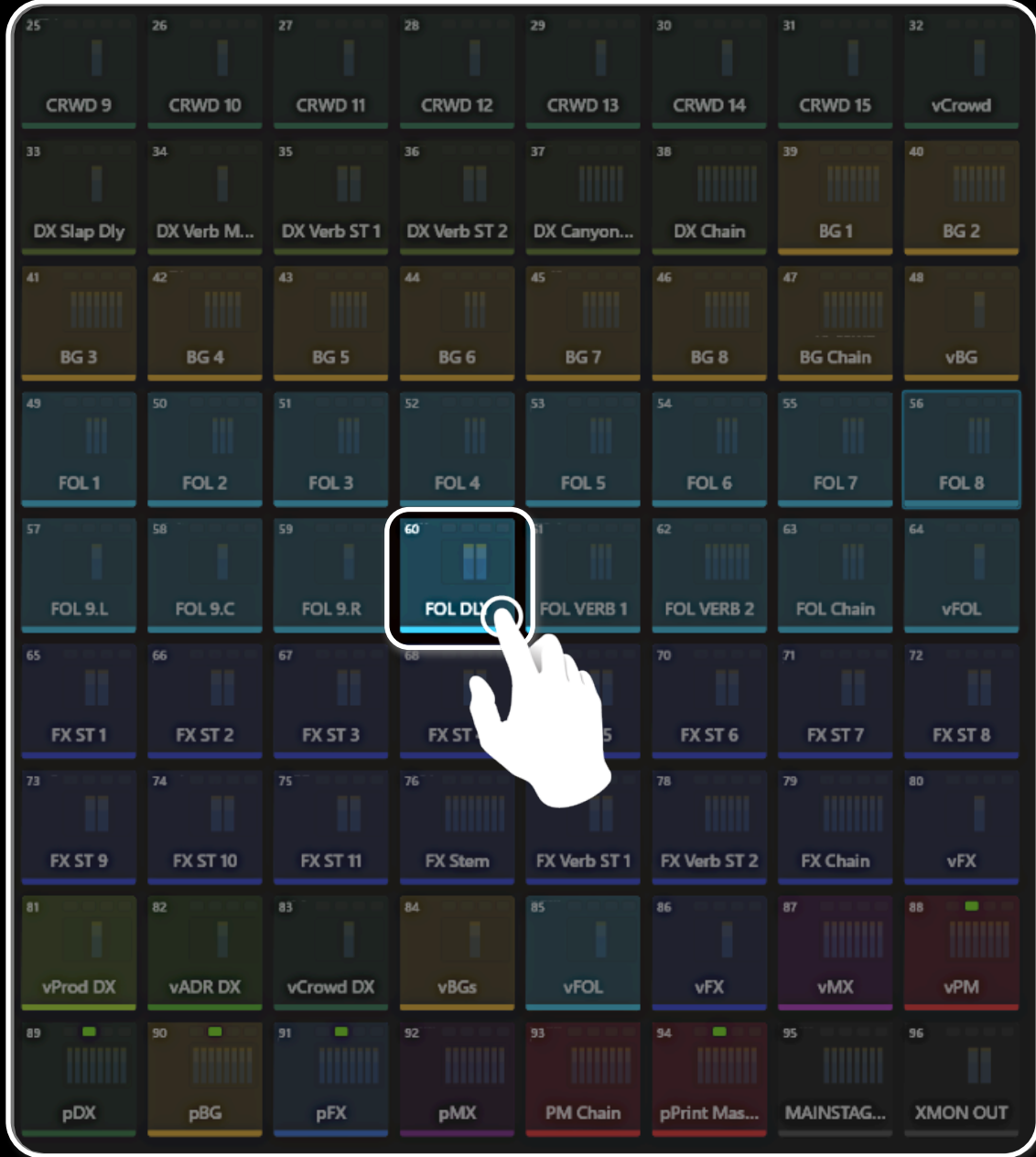


Use the Track Scroller
to Touch a Track

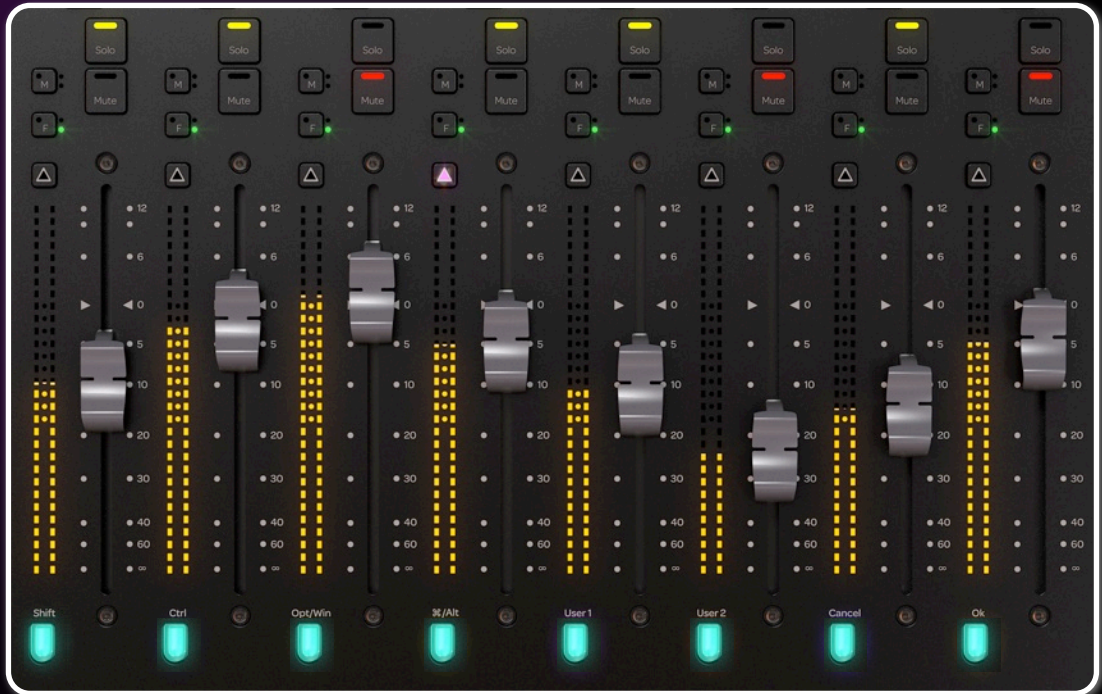
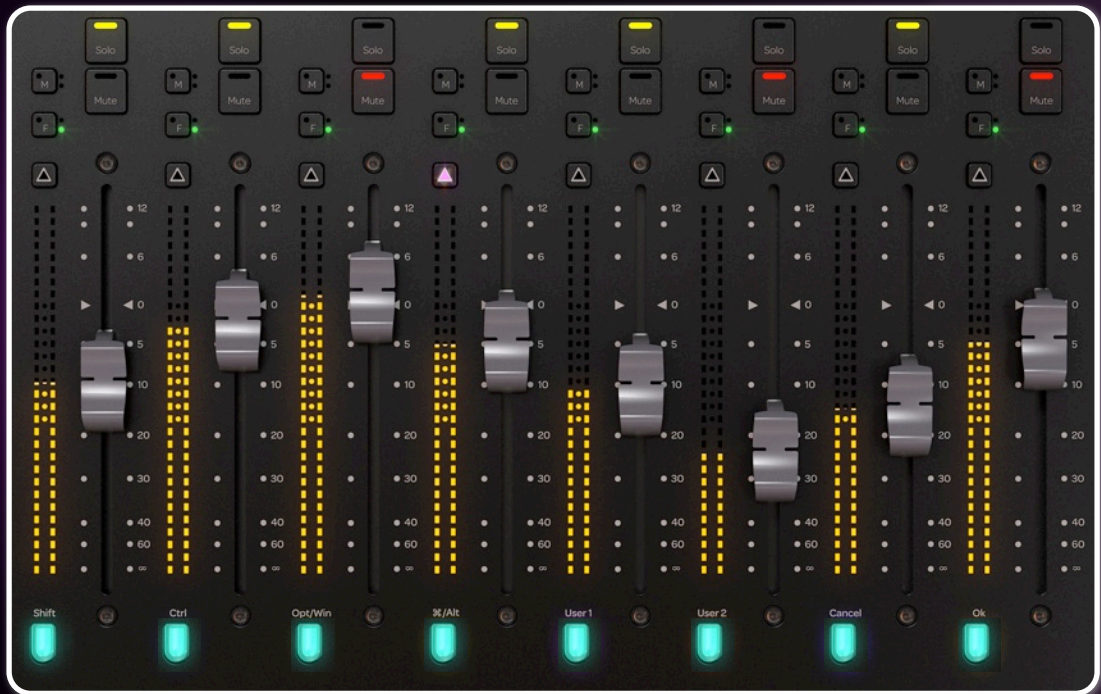
- ☐ Attention Tracks from Meter Scroller
- ☒ Display Selection/Attentioned Track Border on Meter Scroller
- ☐ Track Scroller Follows Attentioned Track
- ☒ Link Meter Scroller to Track Scroller



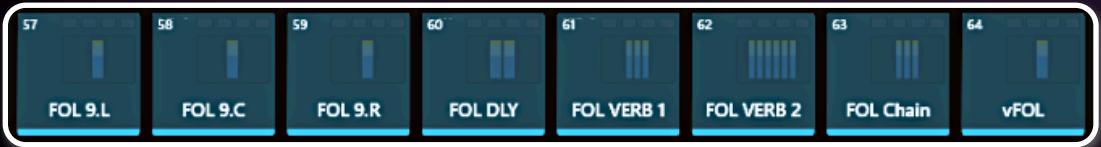
Bank to Attentioned



Touching a Track in Tracks view from the Master Module  Banks to those channels and populates the Attention Fader on the Automation Module.



Track Color Indicators

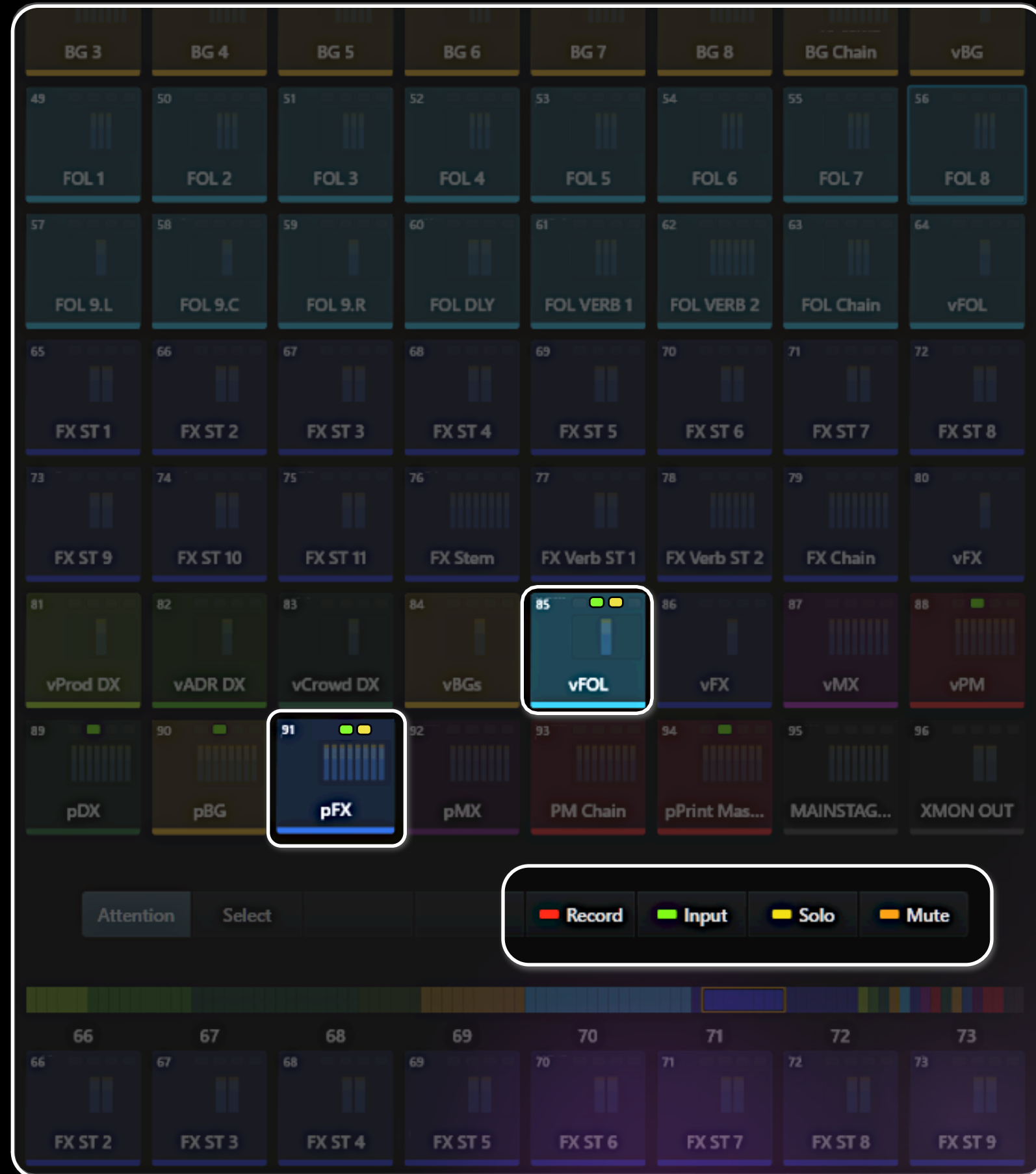


S6

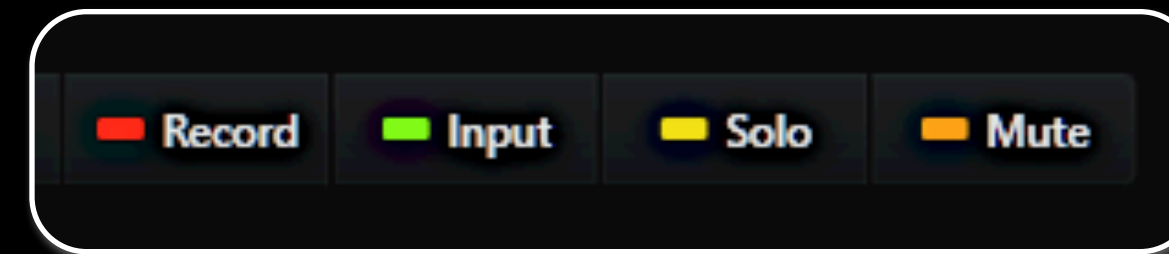
[Return to Index]



Matrix: Functions



Implicitly muted tracks are indicated visually by being darkened in the Tracks Matrix when tracks are soloed.



Choose the operation from the lower right corner of the Tracks page for **Record**, **Input**, **Solo** or **Mute**. Simply Touch one or multiple tracks to perform the function.



Each individual Track in the Matrix has indicators to show if a track has been Soloed, Muted, Record Enabled or set to Input Monitor.



Record Arming Tracks

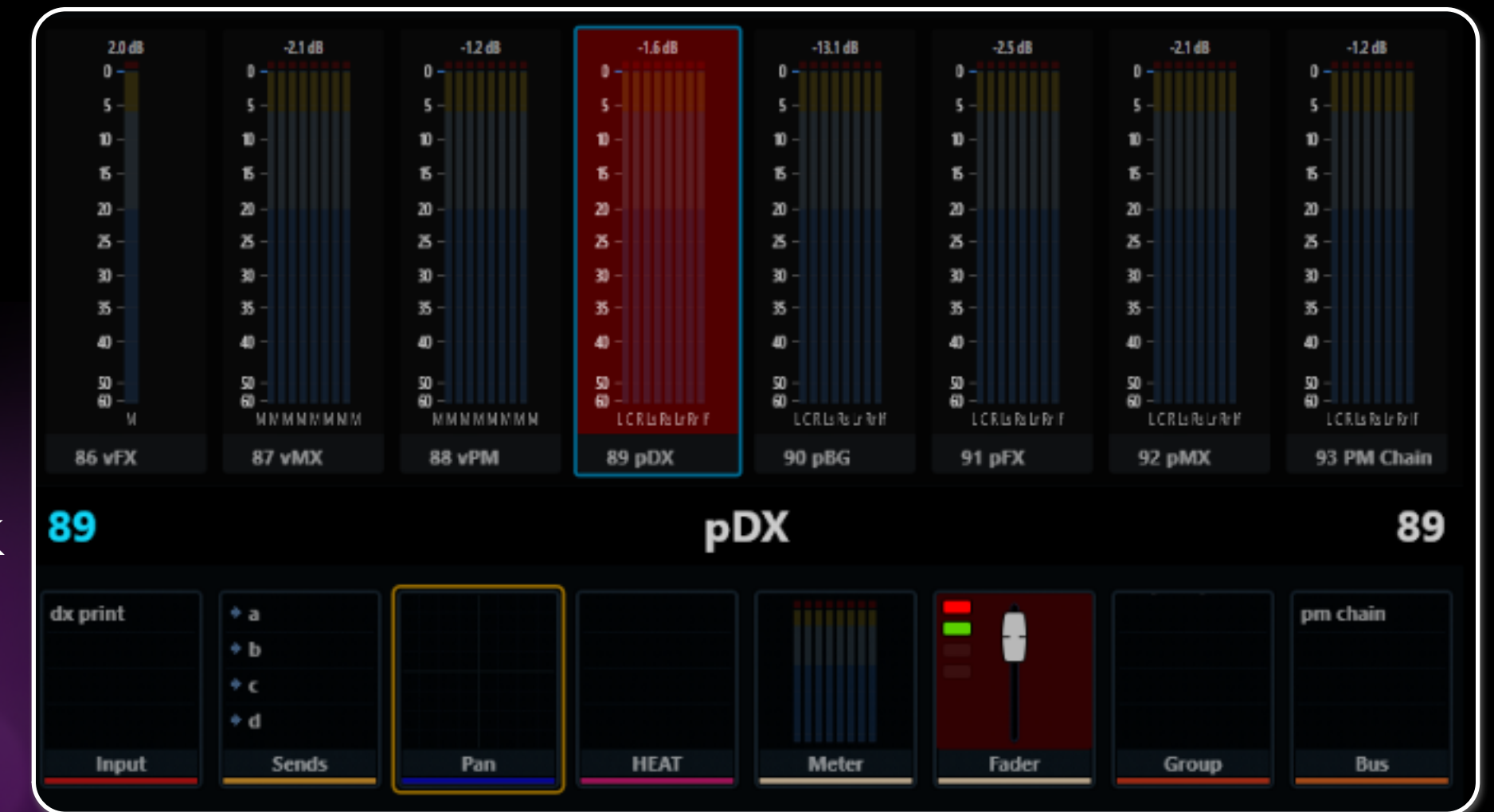


Toggle into Record mode from Tracks View on the Master Module and simply Touch the Track(s) to arm.

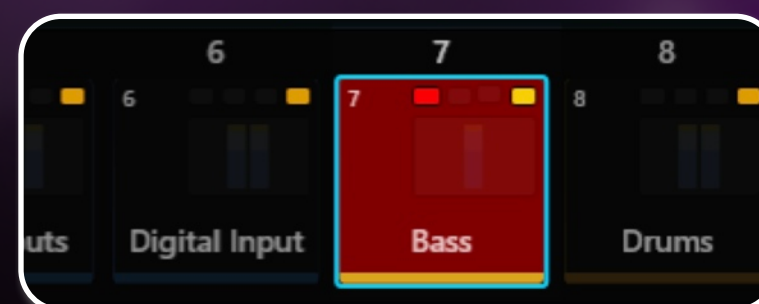


From the Channelstrip, Press the **Rec** Button.

Attentioned Track



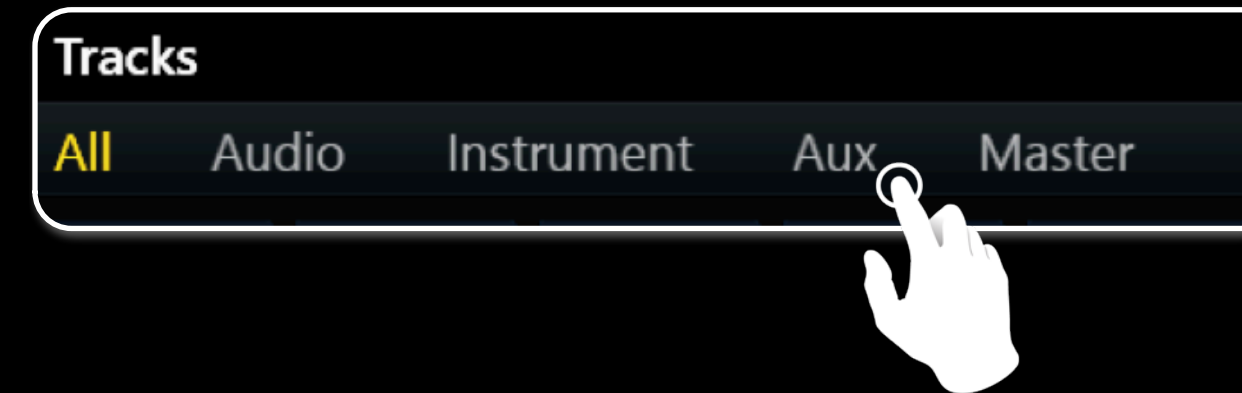
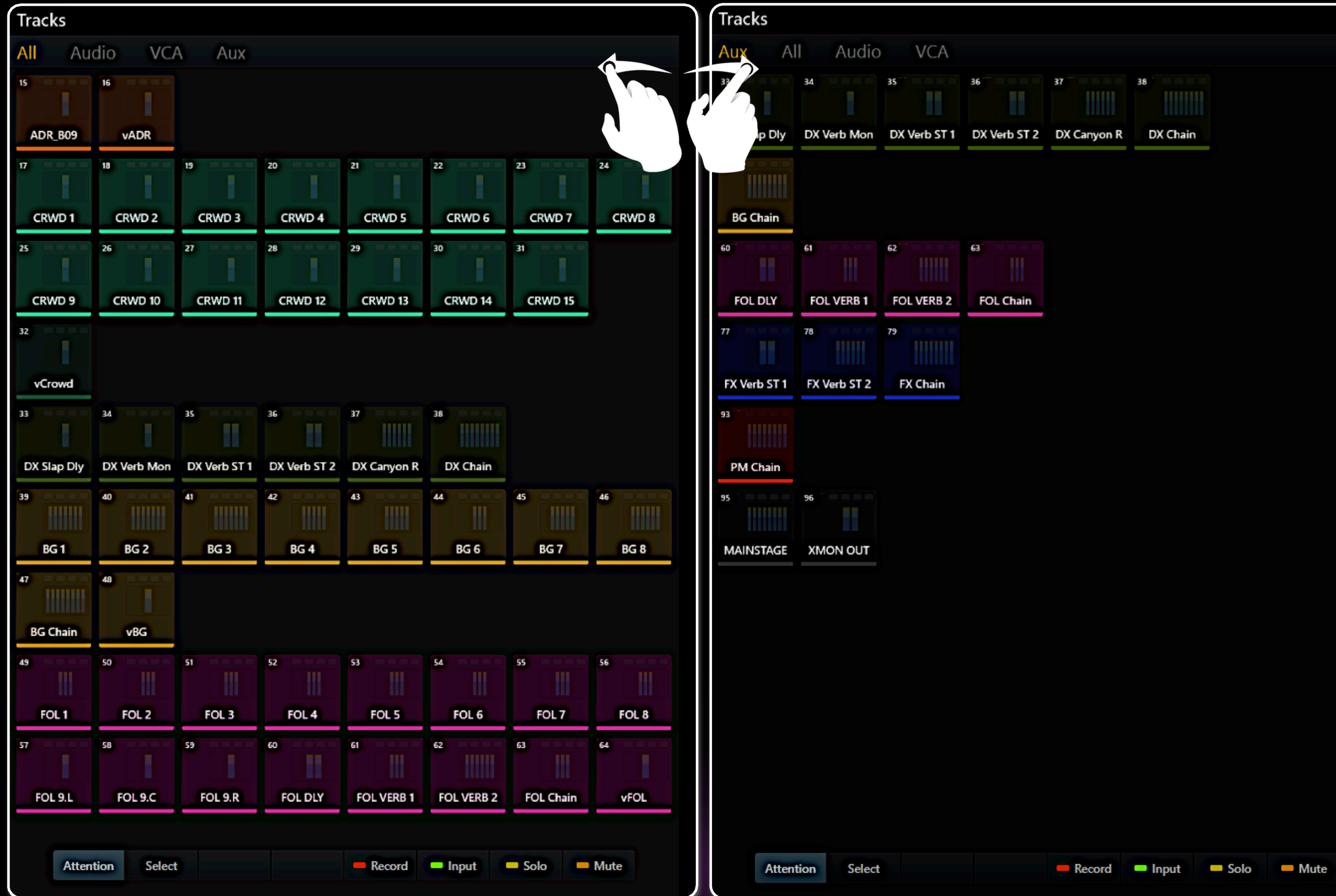
Function Scroller and Meter Bridge show a Rec Armed state.



Tracks in Record are highlighted in Red.



Matrix: Filtering



Swipe Left or Right to Filter by Track Type from the Tracks Matrix or simply Touch a Category.



Enable **Display Breaks on Track Color** to visually separate rows



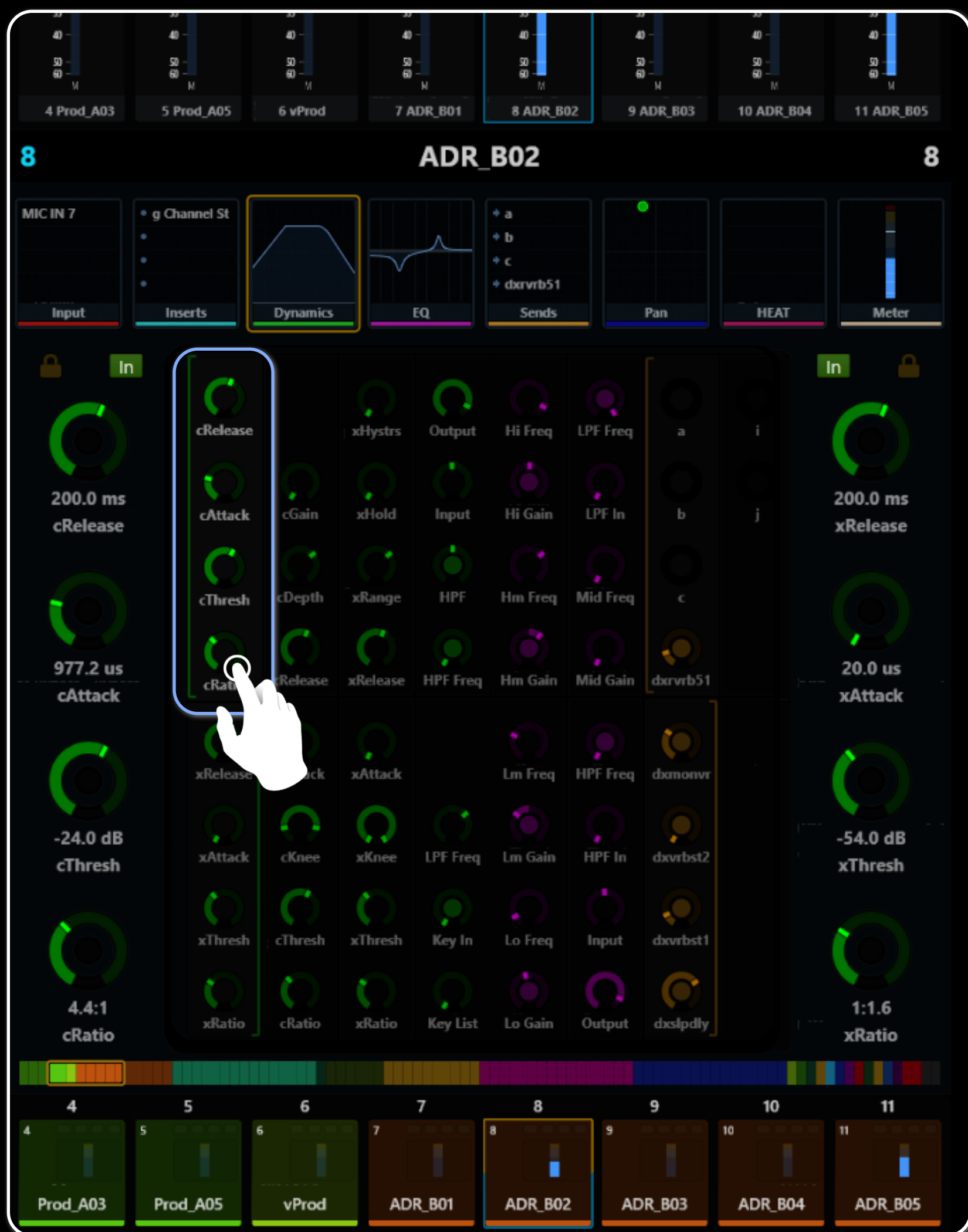
Position:

- ☐ Always Start with Channel 1 on All Page
- ☒ Last Position of Track Selector
- ☐ Attentioned Track
- ☒ Display Breaks on Track Color



Attention Track Knobs

From the Master Module, Touch a parameter which will be identified by brackets. Now Touch an Attention Track Knob to dock the bracketed parameters.



Any set of parameters from a single or multiple functions can be docked onto either set of 4 Attention Track Knobs.



Navigation

Wheel Functions

Move Selection (playhead)



Scrolling Modes

Zoom Horizontal

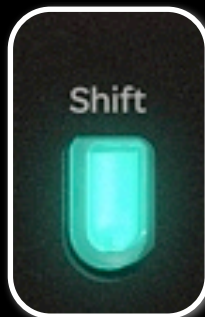
Zoom Vertical

Jog / Shuttle

Jump to Previous /
Next Boundary



Transport Functions



+



Enable Half-Speed Playback



+



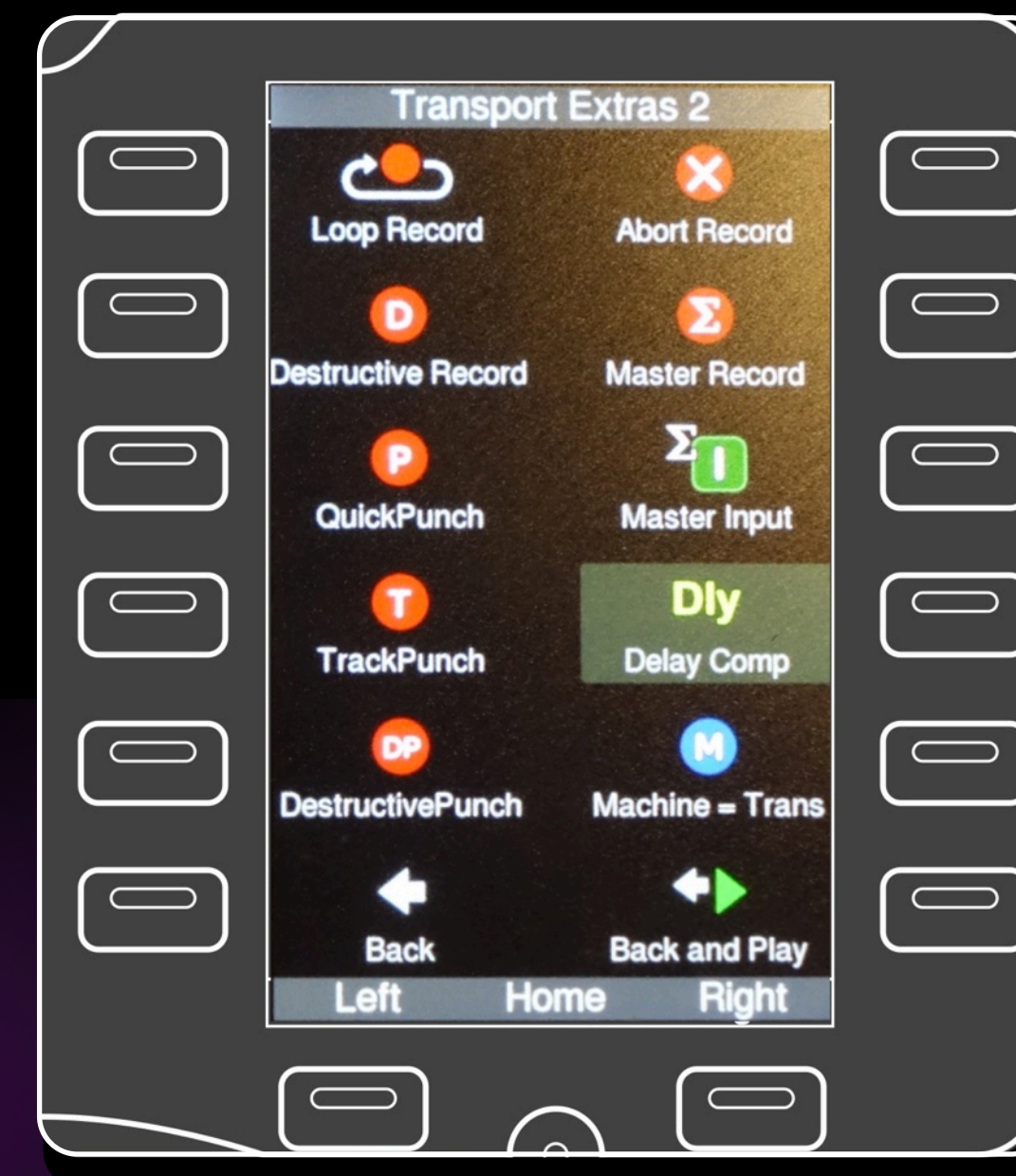
Cycle Through Playback Modes



+



Cycle Through Record Modes

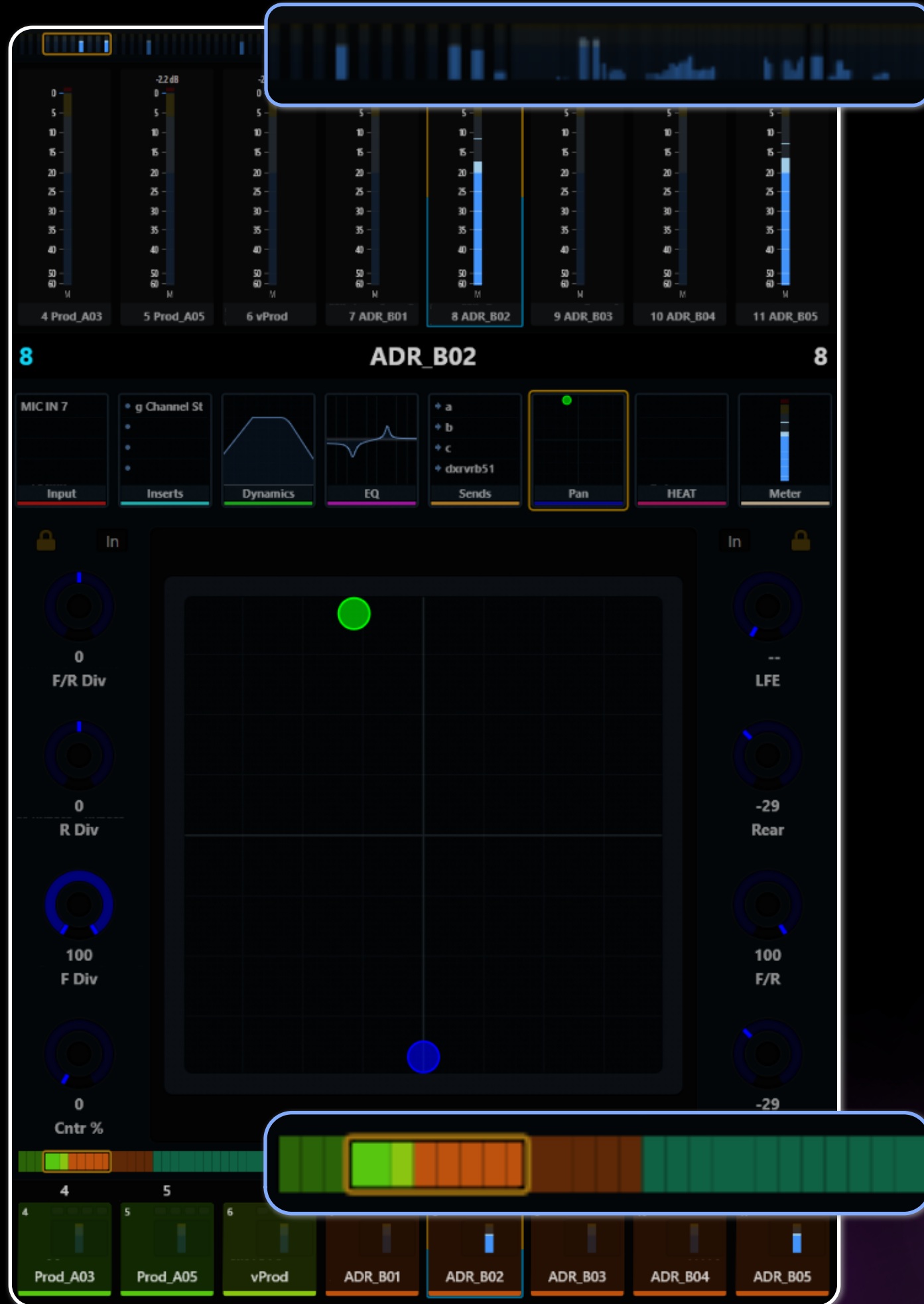


Use the Soft Keys Transport Extras for additional functions from the Automation Module





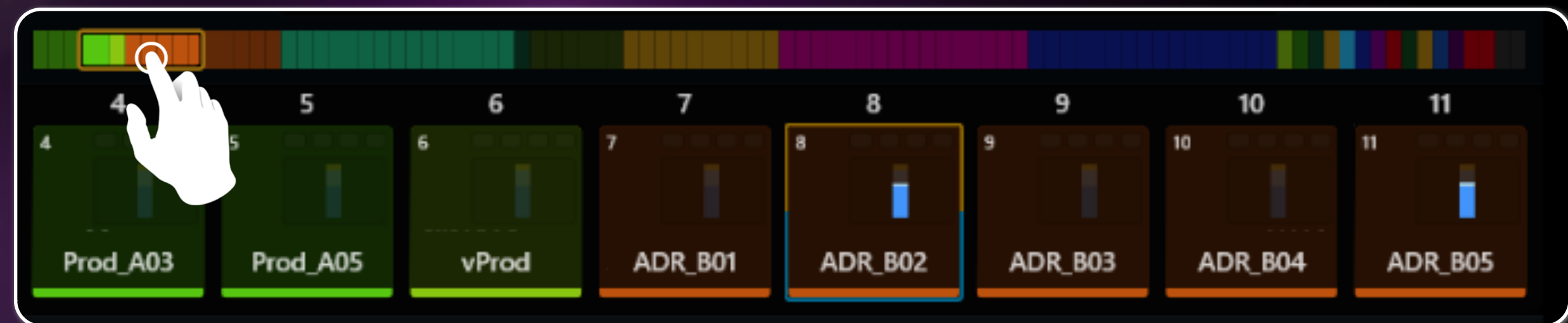
Universe Views



Simply Touch in the Meter Universe to jump to that channel range.



The Meter Scroller and Track Scroller can be optionally linked.



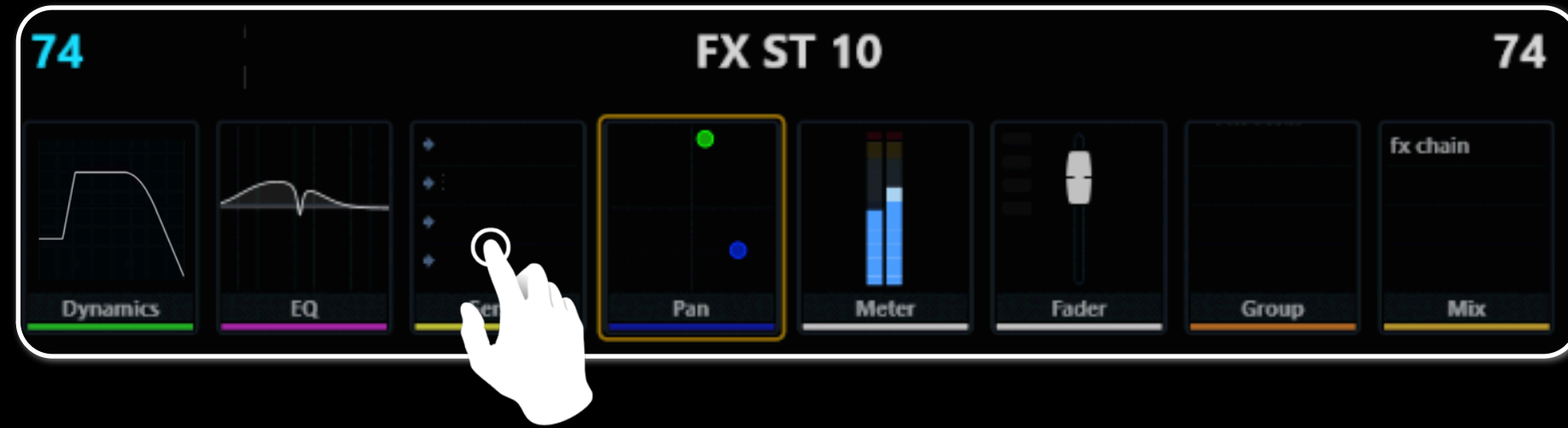
Simply Touch anywhere in the Universe Bar to jump to that Track range.



- ☐ Attention Tracks from Meter Scroller
- ☒ Display Selection/Attentioned Track Border on Meter Scroller
- ☐ Track Scroller Follows Attentioned Track
- ☒ Link Meter Scroller to Track Scroller



Master Module: Function Scroller



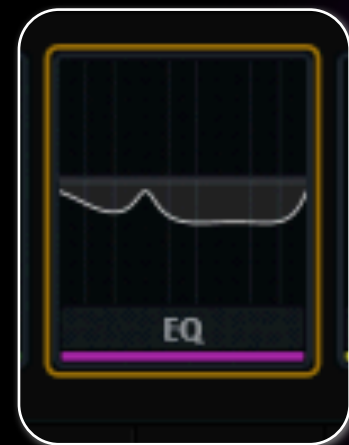
Touch or Swipe down to access.



Dynamics



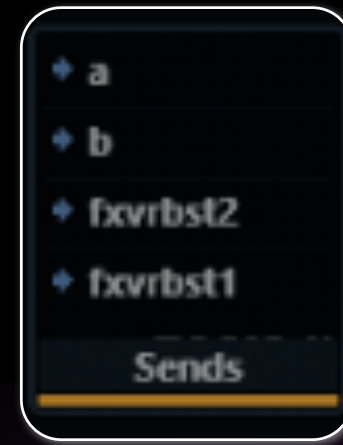
Panning



EQ



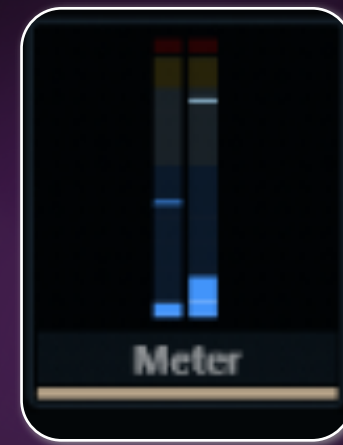
Inserts



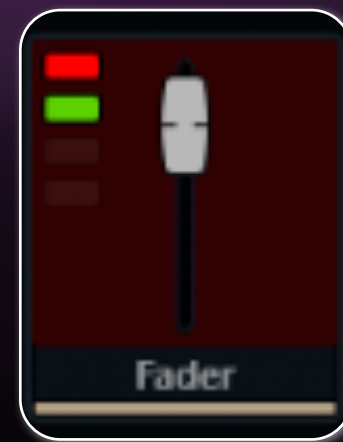
Sends



Inputs & Preamps



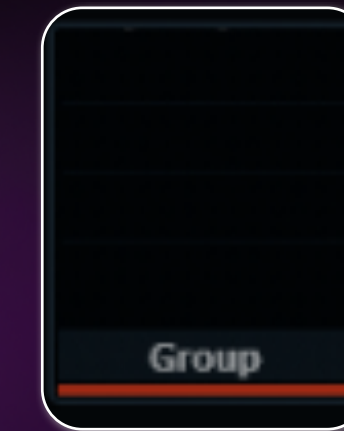
Metering



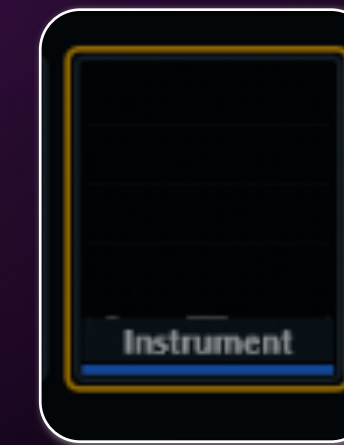
Channel Fader



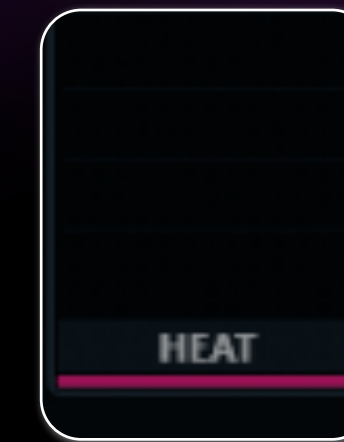
Busses



Groups



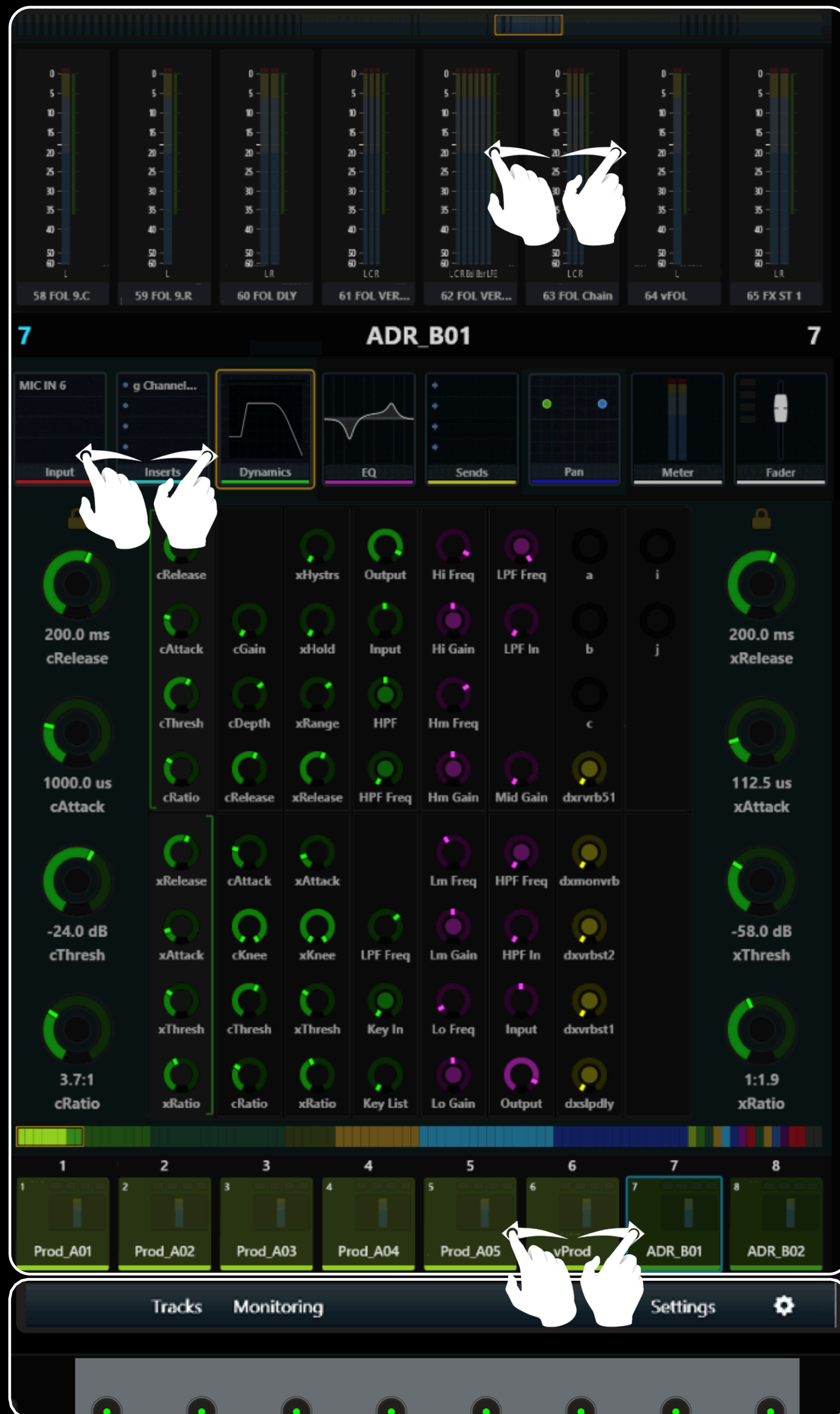
Instruments



HEAT



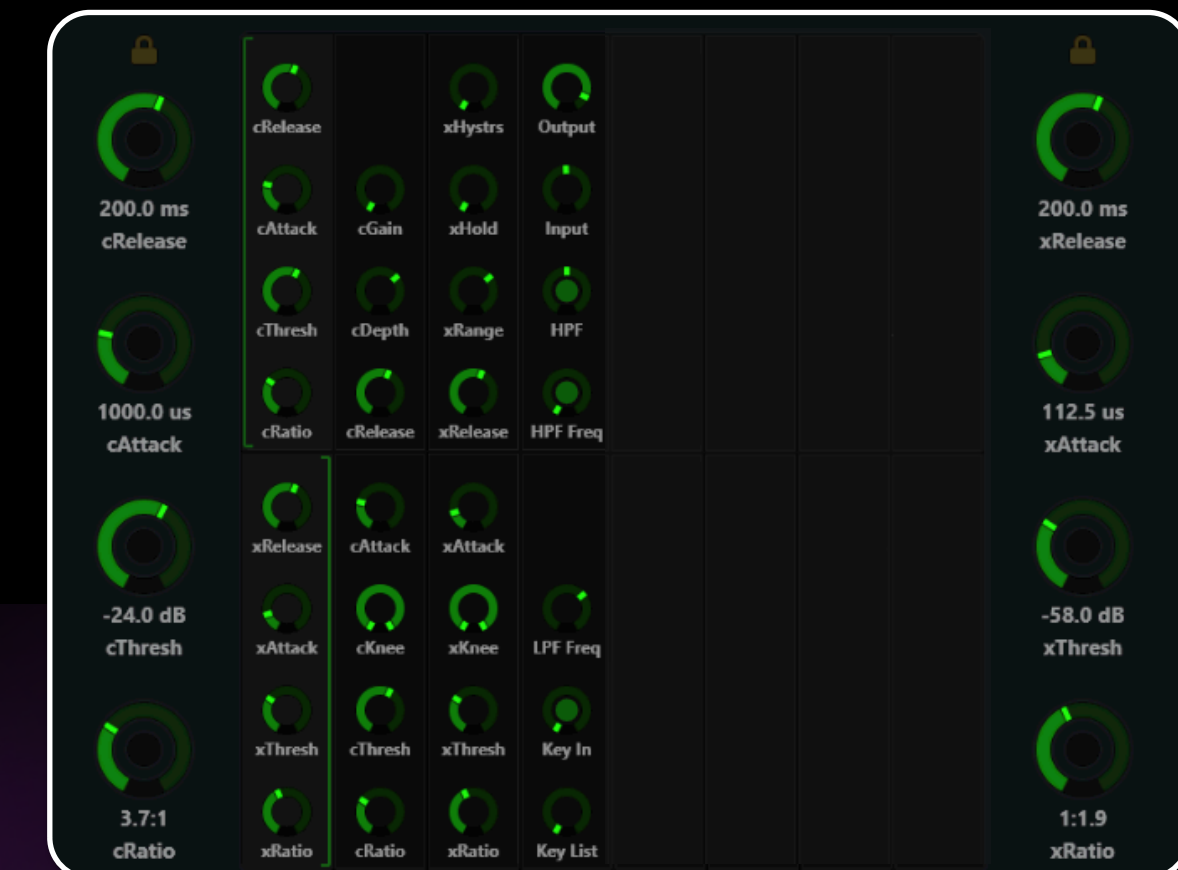
Master Module: Operation



All Functions



Selected Functions



To simplify the list of parameters displayed in the Home view, choose **Selected Function** for the Knob View



Knob View:

- ☐ All Functions
- ☒ Selected Function

S6

[Return to Index]

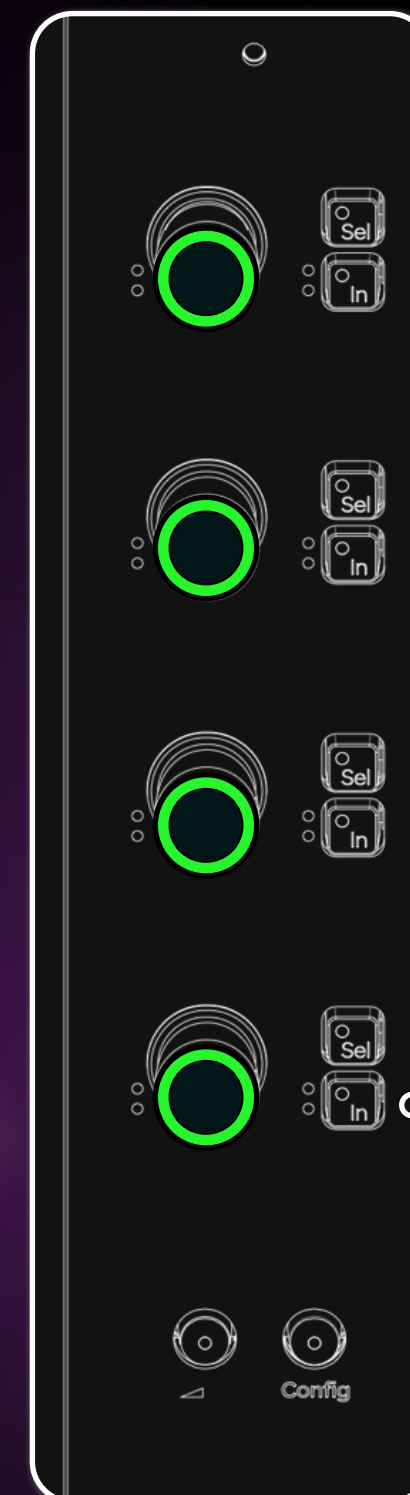
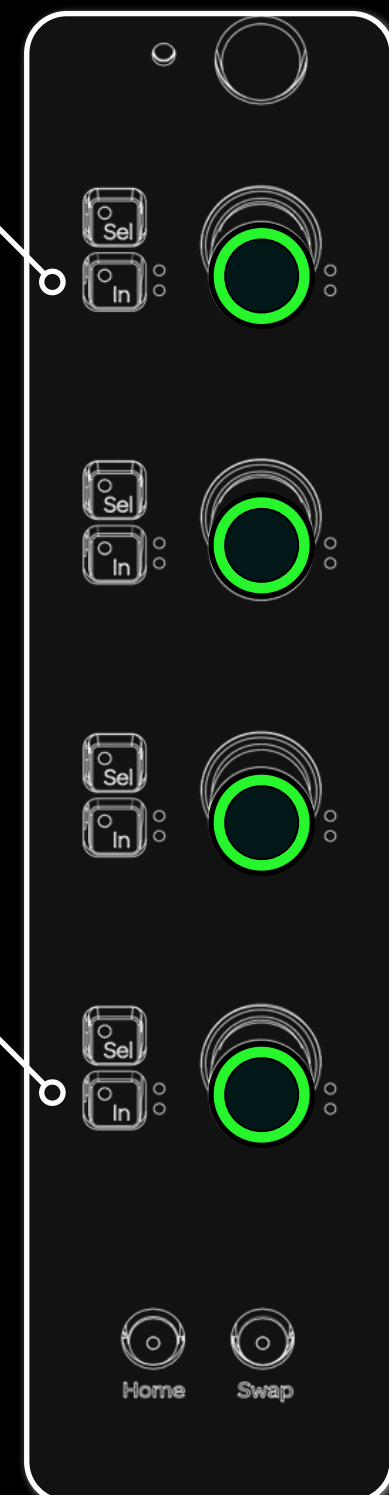


Master Module: DYN

Swipe down from **Dynamics** to display the Gain Transfer Curve and populate the Attention Knobs with the primary dynamics controls

Global Dyn Bypass

Comp Ratio Compare



Expander Ratio Compare





Master Module: EQ

Swipe down from **EQ** to display the frequency plot and populate the Attention Knobs with the primary EQ controls (4 bands)

Freq/Q Toggle

EQ plots are currently supported for Avid Channelstrip and EQIII Plug-Ins.





Master Module: Pan

Swipe down from **Pan** to display the Surround Panner and populate the Attention Knobs with the primary Pan controls.

When Pan is engaged, the center area of the Master Module functions as a Stereo Multi-Touch Surround Panner.





Master Module: Hybrid

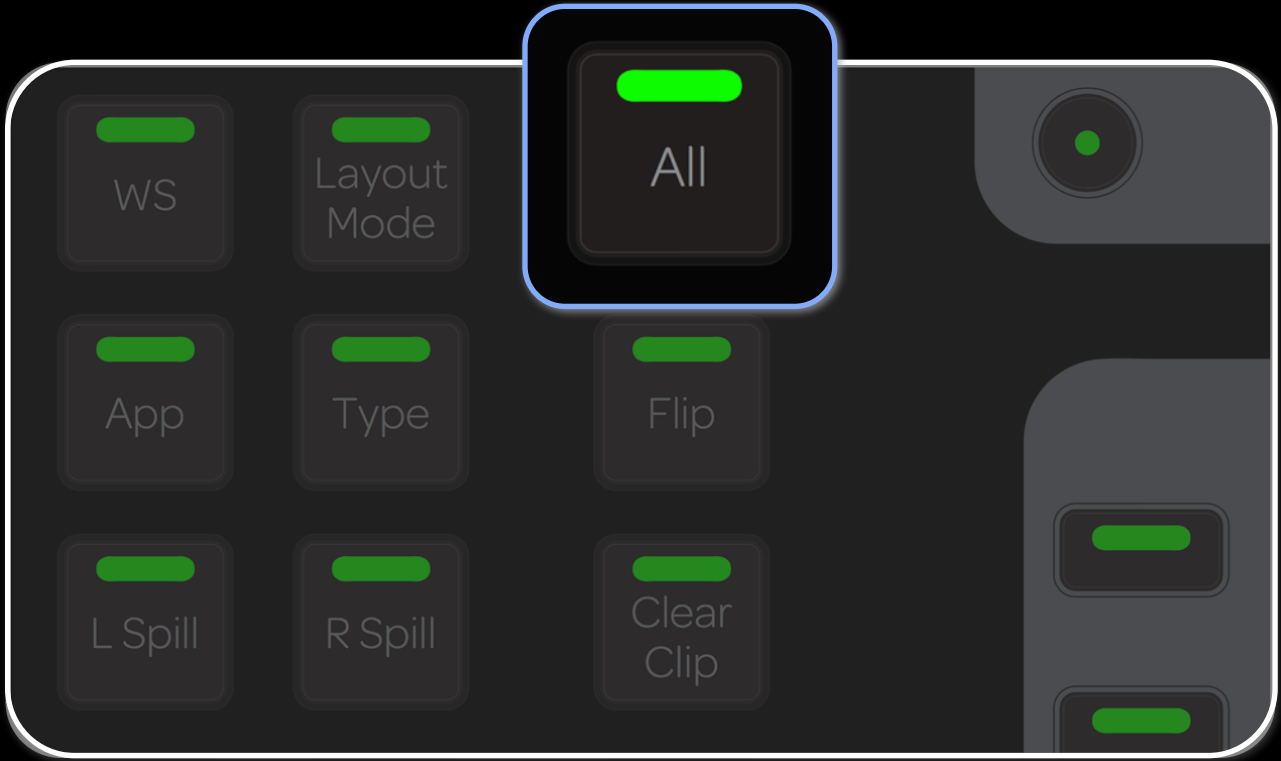
By engaging the **Lock** functions, different sets of parameters can be targeted to each set of 4 Attention Knobs in addition to populating the center section.

Touch any of the **Sends** (Orange) on screen then Tap one of the Left Encoders to assign it. Touch the **Lock** icon for this column.

Touch any EQ (Magenta) parameters on screen then Tap one of the Right Encoders to assign it. Touch **Lock**.

Swipe Down Pan to access the Multi-Touch Panner interface and maintain the Sends & EQ controls.





To change the view of the Knob Modules on all console channels, press **All** then press the View Mode button from the Process Module. **All** Mode applies to parameter pages, back keys and view functions.



All Dynamics View



In **All** Mode Process Views are applied to All tracks



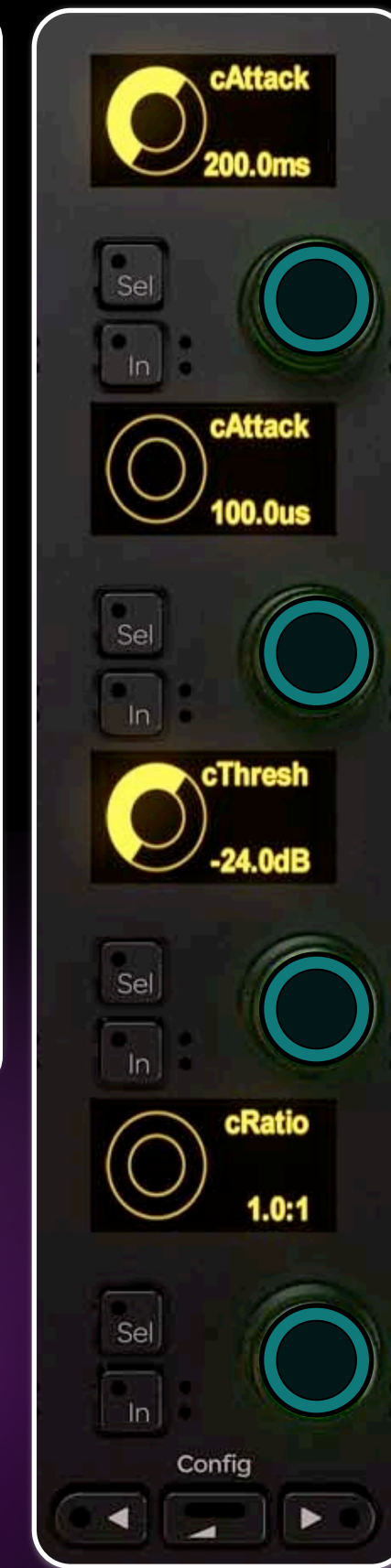
Inserts



Touch **Inserts** from the Function Scroller to populate the Attention Track Knobs

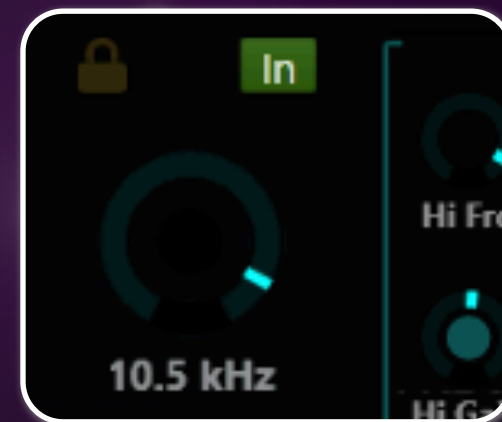
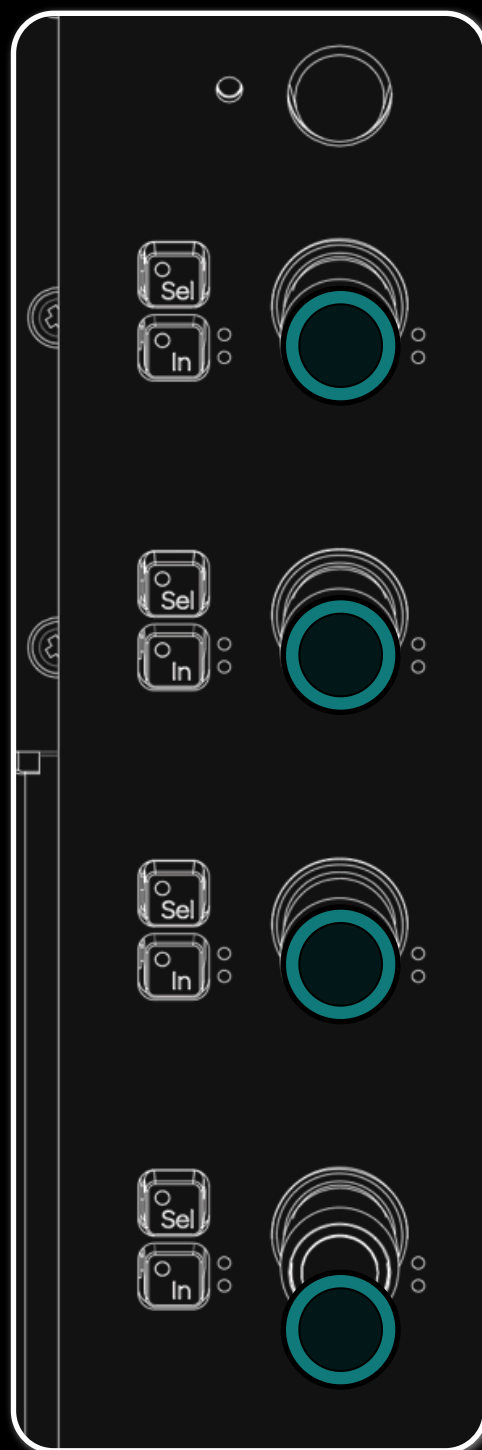


Press **Ins** on the Process Module to populate the Knob Module with Inserts.



Press an Encoder while in Inserts view to dive into Plug-In Parameters view.

Press **Back** (left arrow) switch to return to the previous view.



Use **In** to bypass the attentioned plug-in.



Inserts: Expanding

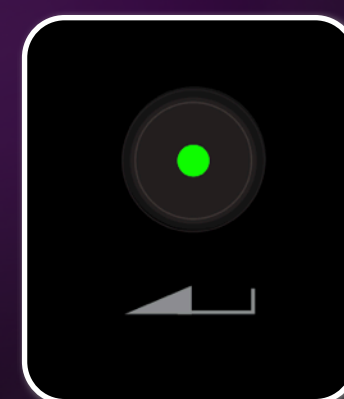
Stretch anywhere in the Function Scroller to expand Inserts. Pinch to collapse.



OR

Touch Inserts from the Function Scroller.

Press the **Encoder** on the Master Module representing the Insert you want to display parameters for.

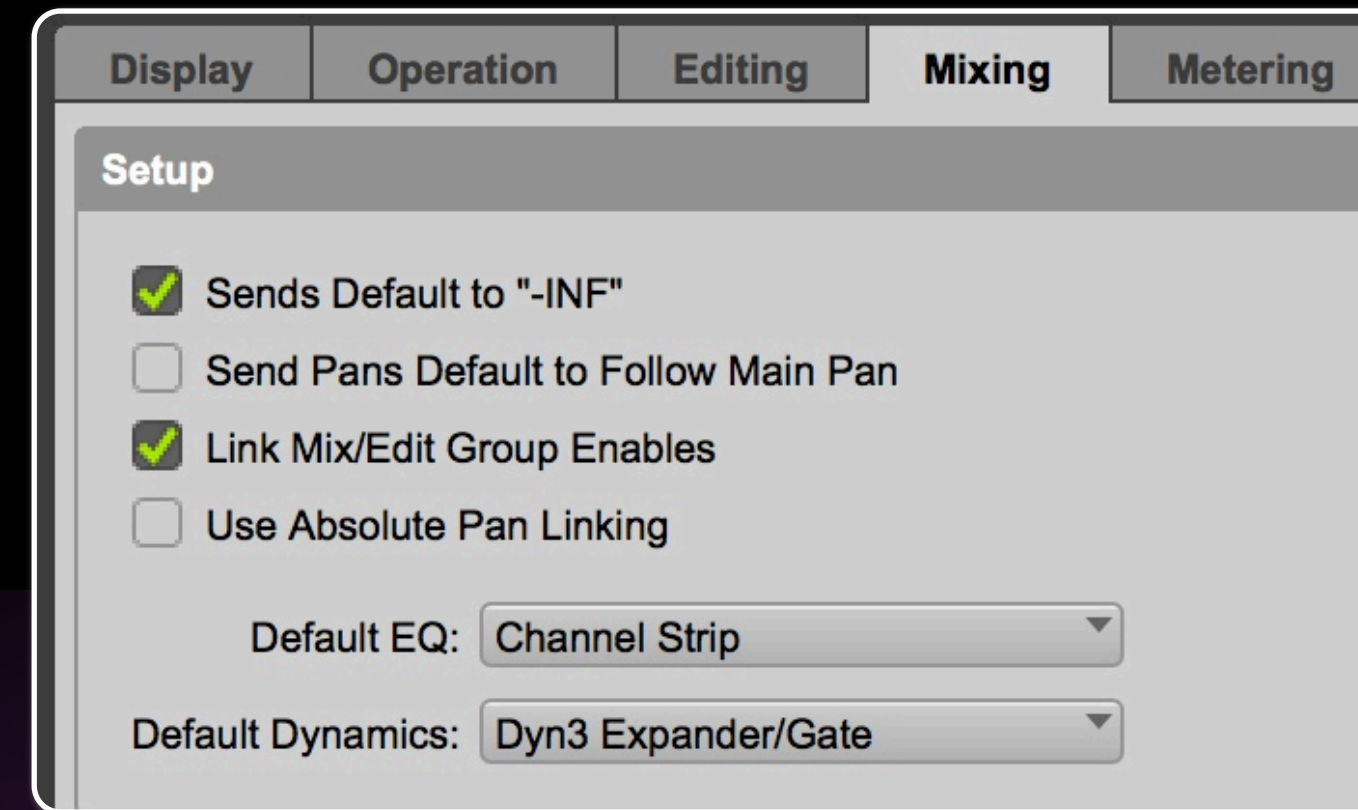
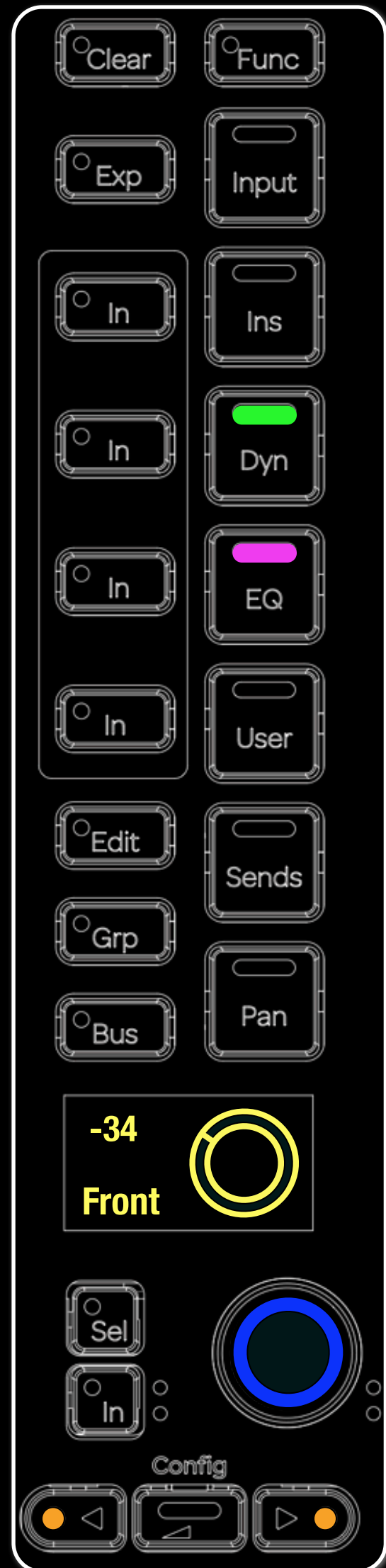


Press **Back** on the Master Module to return to Inserts chain view.





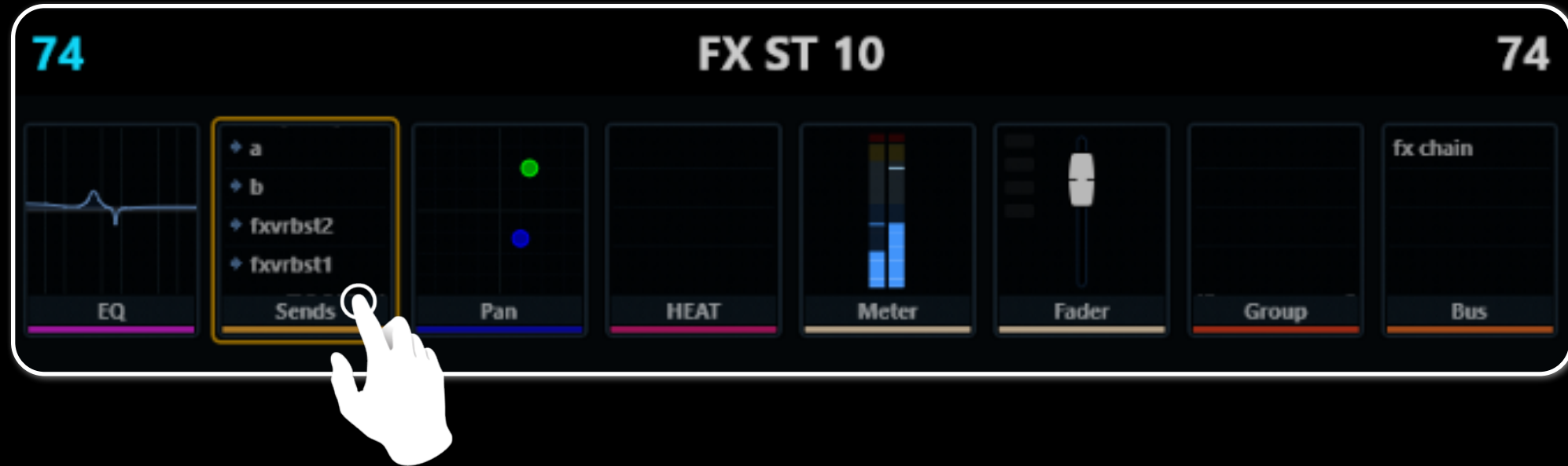
Inserts: Favorites



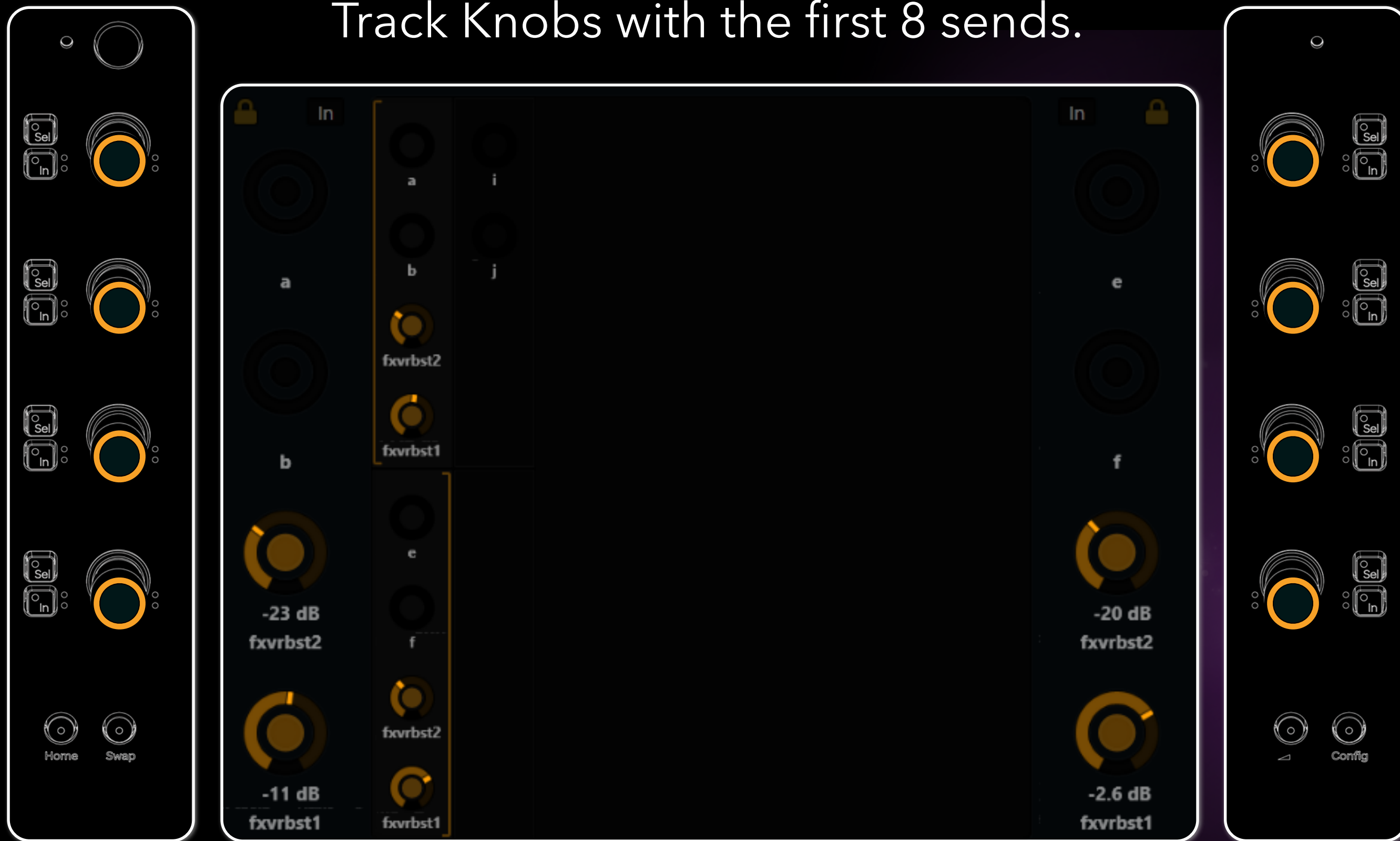
Press the **EQ** or **Dyn** button on the Process Module to add a Favorite plug-in to a channel without previous processing.



Sends



Touch **Sends** from the Function Scroller to populate the Attention Track Knobs with the first 8 sends.



Press **Sends** on the Process Module to populate the Knob Module with Sends.

Simply touch the desired sends from the Attention Track Editor and touch either set of 4 Attention Track Knobs to dock the parameters.



Channelstrip: DYN

Clear

Func

Exp

Input

In

Ins

In

Dyn

In

EQ

In

User

Edit

Sends

Grp

Pan

-34

Front

Sel

In

Config

Dynamics

Assignable
Knob set to Pan

4.9 ms xAttack	625.2ms cReleas	356.77 cReleas	165.1ms cReleas
Sel In	Sel In	Sel In	Sel In
	5.0ms cAttack	4.43 cAttack	491.7us cAttack
Sel In	Sel In	Sel In	Sel In
-17.2 d xThresh	-20.2 d cThresh	-11.00 cThresh	-26.0 d cThresh
Sel In	Sel In	Sel In	Sel In
4.2:1 xRatio	5.6:1 cRatio	7.67 cRatio	1.8:1 cRatio
Sel In	Sel In	Sel In	Sel In
Config	Config	Config	Config

Page Right
(more parameters)



Channelstrip: EQ

Clear

Func

Exp

Input

In

Ins

In

Dyn

In

EQ

In

User

Edit

Sends

Grp

Pan

-34

Front

Sel

In

Config

EQ

Use the **In** button to toggle band between Shelving and Parametric for any **Freq** parameter (**In** = parametric).

Assignable Knob set to **Pan**

Toggle Frequency & Q (frequency)

Band Enable (enabled)

20.8 kHz Hi Freq	13.90 k Hi Freq	7220.81 Hi Freq	1.9 kHz Lm Freq
Sel In	Sel In	Sel In	Sel In
11.7 dB Hi Gain	0.3 dB Hi Gain	1.20 Hi Gain	0.0 dB Lm Gain
Sel In	Sel In	Sel In	Sel In
6.5 kHz Hm Freq	2.00 kHz Hm Freq	3560.86 Hm Freq	41.2 Hz Lo Freq
Sel In	Sel In	Sel In	Sel In
-7.8 dB Hm Gain	-4.0 dB Hm Gain	7.20 Hm Gain	4.7 dB Lo Gain
Sel In	Sel In	Sel In	Sel In
Config	Config	Config	Config

EQ Type Toggle (shelving)

Page Right (more bands available)



Channelstrip: Sends

Clear

Func

Exp

Input

In

Ins

In

Dyn

In

EQ

In

User

Edit

Sends

Grp

Pan

Bus

-34

Front

Sel

In

Config

Sends

Assignable
Knob set to Pan

Send Mute/Bypass
(send enabled)

Pre/Post Fader
(pre fader)

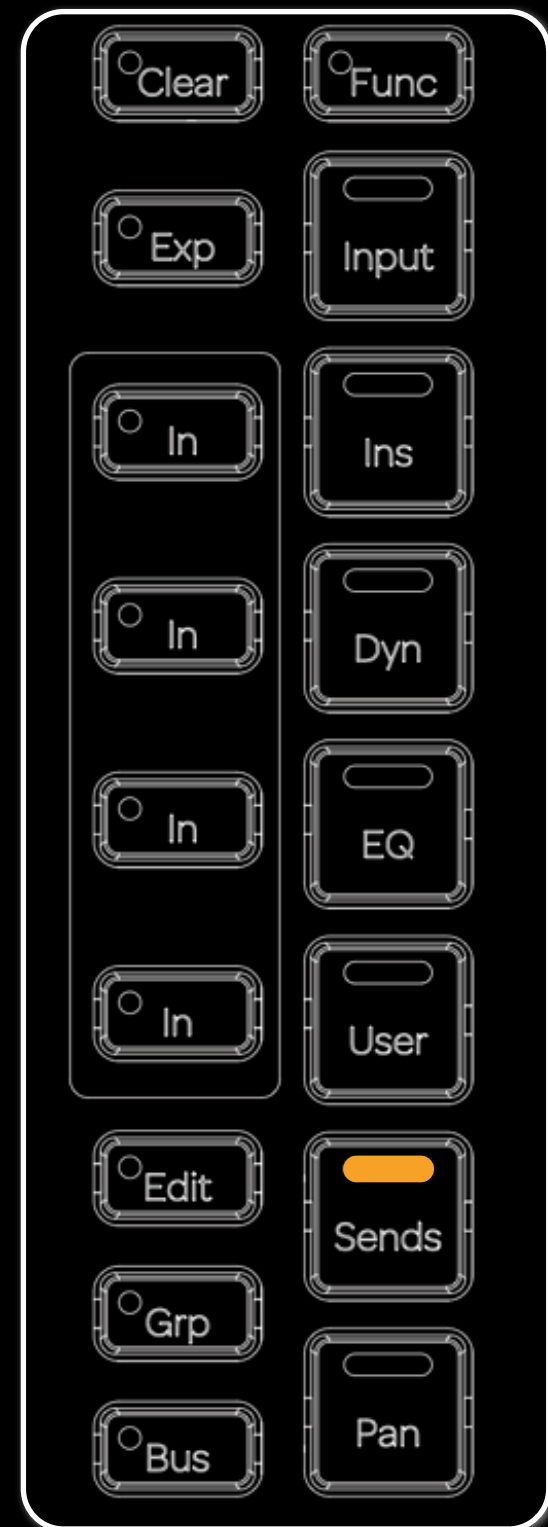
-15.7 room	-26.7 room	-24.5 room	-27.0 room
Sel In	Sel In	Sel In	Sel In
-8.6 plate	-7.9 plate	-31.3 plate	-18.9 plate
Sel In	Sel In	Sel In	Sel In
-12.7 hall	1.9 hall	-17.4 hall	-14.9 hall
Sel In	Sel In	Sel In	Sel In
-48.7 echo	-11.3 echo	-15.6 echo	-31.7 echo
Sel In	Sel In	Sel In	Sel In
Config	Config	Config	Config

Send Level

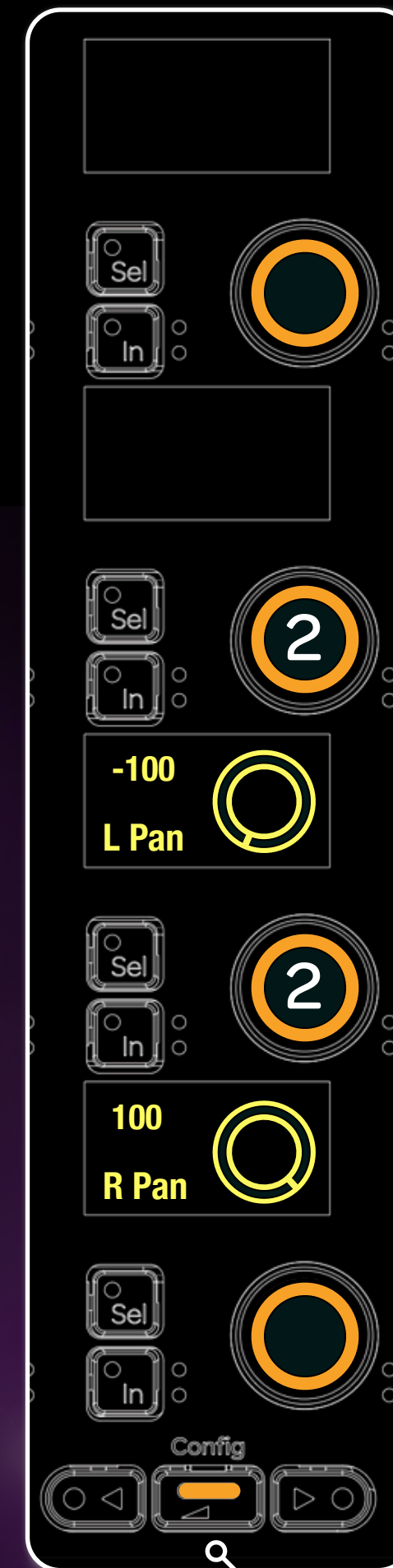
Page Right
(more sends)



Channelstrip: Send Panning



Stereo Send
(hall)



While in Sends View press an encoder to access the Pan parameters for the chosen Send.

Press the **Back** button to return to the primary Sends view

Back button
(return up menu)



Channelstrip: Pan

A vertical column of controls for navigating between channelstrips. It includes buttons for 'Clear', 'Func', 'Exp', 'Input', 'In', 'Ins', 'Dyn', 'EQ', 'User', 'Edit', 'Sends', 'Grp', 'Pan', 'Bus', and a large 'Assignable Knob set to Pan' at the bottom. The knob is currently set to -34 Front.

Pan

Assignable Knob set to Pan

Pan Position

A 4x4 grid of channelstrips, each with a 'Pan' parameter. The parameters are: Row 1: -37.8 LFE, -24.1 LFE, -28.3 LFE, 45 F/R Div; Row 2: -54 Rear, 22 Rear, -59 Rear, 67 R Div; Row 3: 34 F/R, 53 F/R, 48 F/R, 50 F Div; Row 4: -84 Front, 22 Front, -59 Front, 43 Cntr %. Each strip has 'Sel' and 'In' buttons and a 'Config' button at the bottom.

Center Percentage

Page Right
(more Pan parameters)



Channelstrip: Inserts

Clear

Func

Exp

Input

In

Ins

In

Dyn

In

EQ

In

User

Edit

Sends

Grp

Pan

-34

Front

Sel

In

Config

Inserts

Insert Bypass
(insert enabled)

Assignable
Knob set to Pan

Inserts

ProCm=3	PrCmprs	PrCmprs	
Sel In	Sel In	Sel In	Sel In
EQ37-B	EQ37-B	EQ37-B	AIRR=2
Sel In	Sel In	Sel In	Sel In
PhVS=3	VrtlTpM		
Sel In	Sel In	Sel In	Sel In
ChnS=3	ChnnlStr	ChnnlStr	ChnS=2
Sel In	Sel In	Sel In	Sel In
Config	Config	Config	Config

Page Left
(more Inserts)

Params

Plug-In Parameter

Plug-In Name
(push for parameters)

Band Enable
(enabled)

Global EQ
Bypass
(not enabled)

Back
(return to Inserts chain view)

20.8 kHz	Hi Frq
Sel In	Sel In
7.7 dB	Hi Gain
Sel In	Sel In
6.5 kHz	H-M Frq
Sel In	Sel In
-7.8 dB	H-MGain
Sel In	Sel In
Config	Config



Channelstrip: VCA Masters

A vertical control panel for VCA Masters. It features a grid of buttons: 'Clear', 'Func', 'Exp', 'Input', 'In', 'Ins', 'Dyn', 'EQ', 'User', 'Edit', 'Sends', 'Grp', and 'Pan'. Below these is a large yellow knob with a blue ring, labeled '-34' and 'Front'. At the bottom are 'Sel', 'In', and 'Config' buttons.

VCA Masters

Assignable Knob set to Pan

VCA Slave Mute (not muted)

VCA Slave Solo (soloed)

VCA Slave Track Name

A 4x4 grid of VCA Slave tracks. Each track has a yellow knob with a value and a track name. The tracks are: Prd_A1 (1.2), ADR_A (-7.4), CRWD1 (0.0), BG 1 (0.0), Prd_A2 (1.2), ADR_B (0.0), CRWD2 (0.0), BG 2 (0.0), Prd_A3 (1.2), ADR_C (-6.5), CRWD3 (0.0), BG 3 (0.0), Prd_A4 (1.2), ADR_D (-8.7), CRWD4 (-0.3), and BG 4 (0.5). Each track also has 'Sel' and 'In' buttons. At the bottom of each column are 'Config' buttons.

VCA Slave Level

Page Right (more tracks available)



Channelstrip: Inputs

This section contains various controls for the input and preamp. It includes buttons for 'Clear', 'Func', 'Exp', and 'Input'. Below these are four input selection buttons labeled 'In' and 'Ins', and four more labeled 'In', 'Dyn', 'EQ', and 'User'. Further down are 'Edit', 'Sends', 'Grp', and 'Pan' buttons. At the bottom, there is a large knob set to '-34 Front' and a 'Config' button with a blue indicator light.

Inputs & Preamps

48V Phantom
(not engaged)

Input Path
Assignment

Assignable
Knob set to **Pan**

This section contains a grid of input parameters for four channels. Each channel has a 'Sel' button, a 'In' button, and a large knob. The parameters are: 1.5k Impdenc, Off Pad, Off Pad, Off Impdenc, Off 48V, Off Phase, Off Phase, On 48V, Off HPF, DI Source, Line Source, Off HPF, +27 Gain, A5, A6, +18 Gain. At the bottom, there are four 'Config' buttons with a blue indicator light.

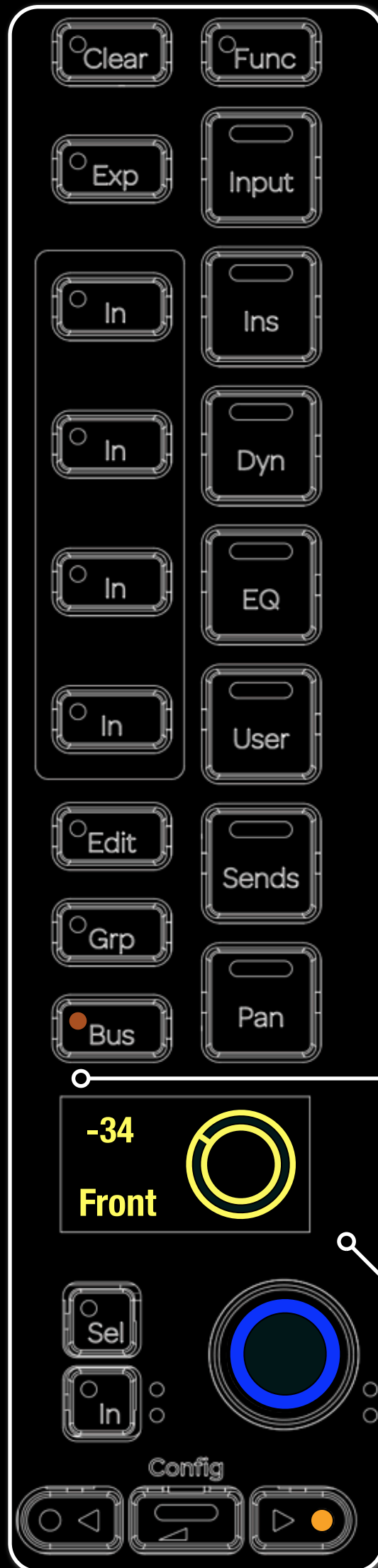
HighPass Filter
(not engaged)

Mic Preamp Gain

Page Right
(more Input / Pre
Parameters)

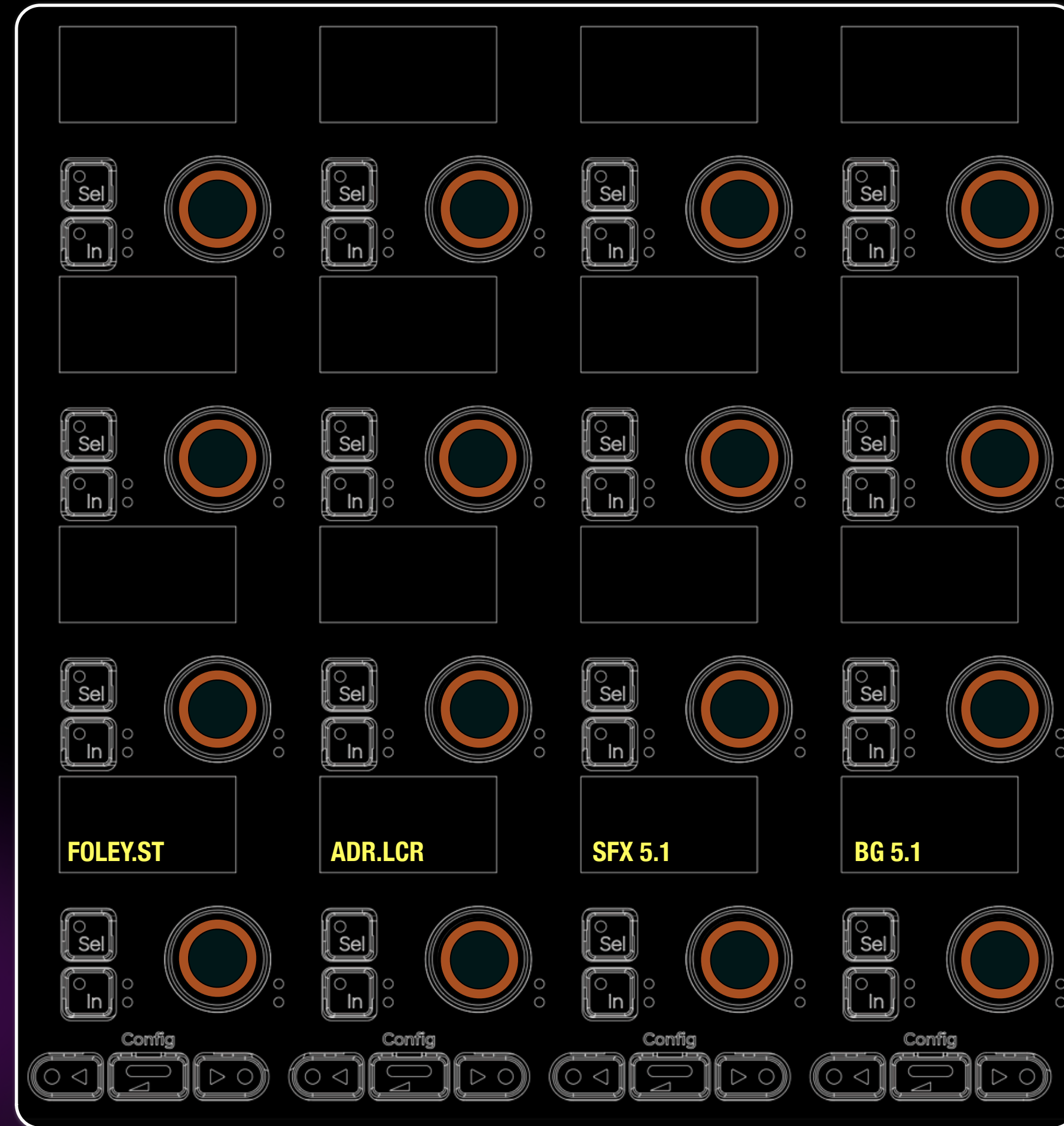


Channelstrip: Output Busses



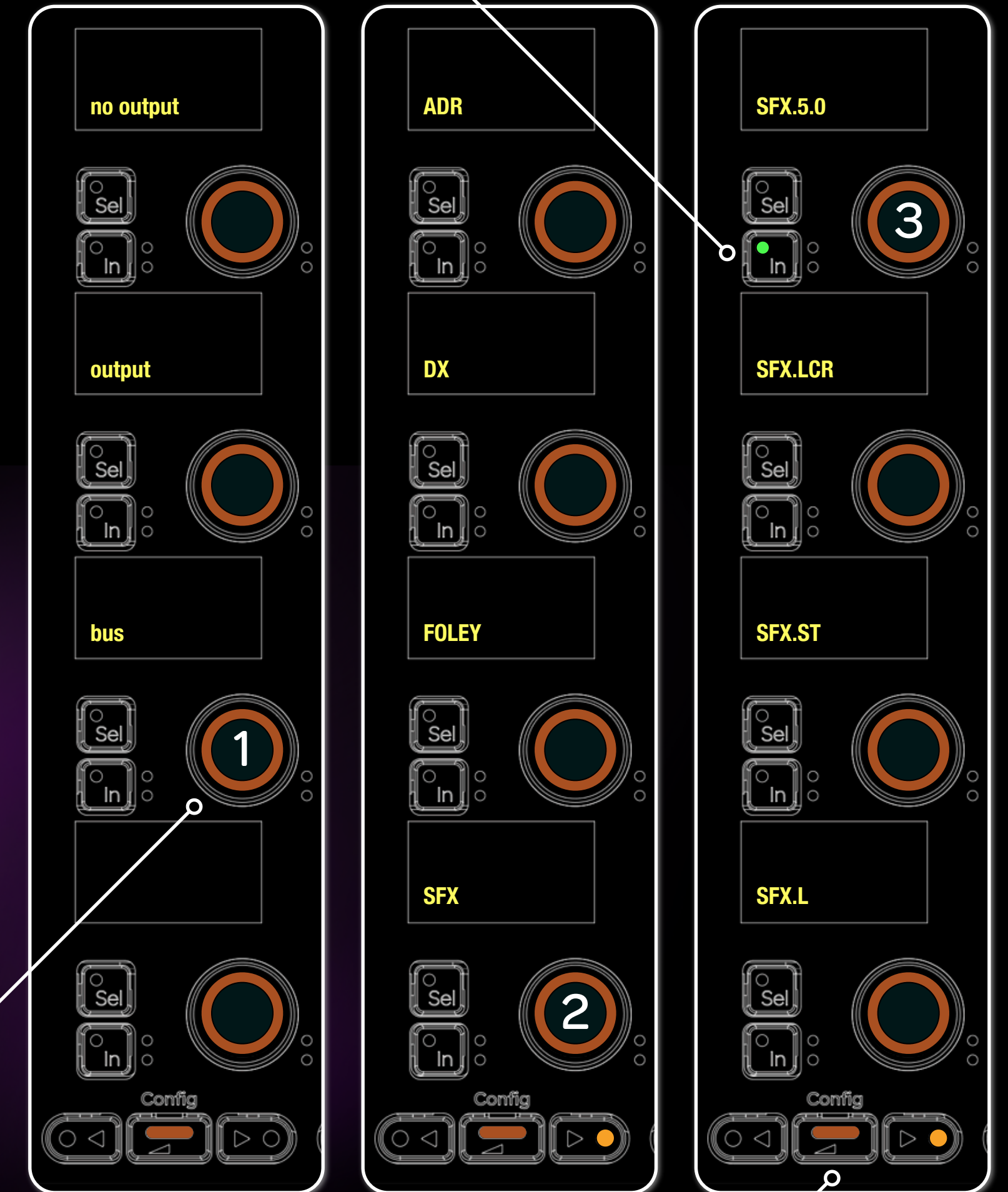
Output Busses

Assignable Knob set to Pan



Press the encoder to select and dive down the menu

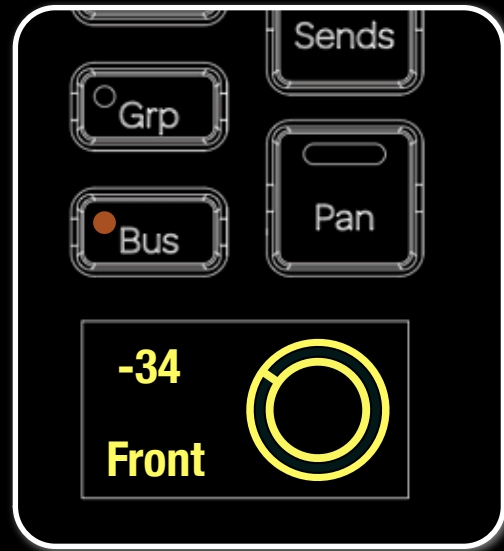
In indicates an assignment



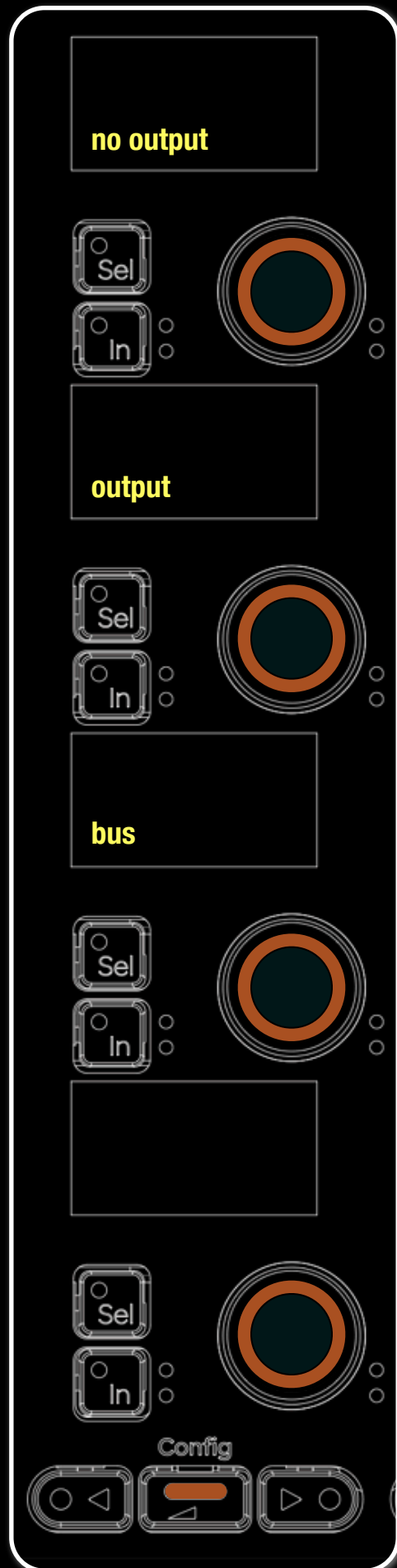
Use the Back button to return back up a menu



Channelstrip: Output Mult



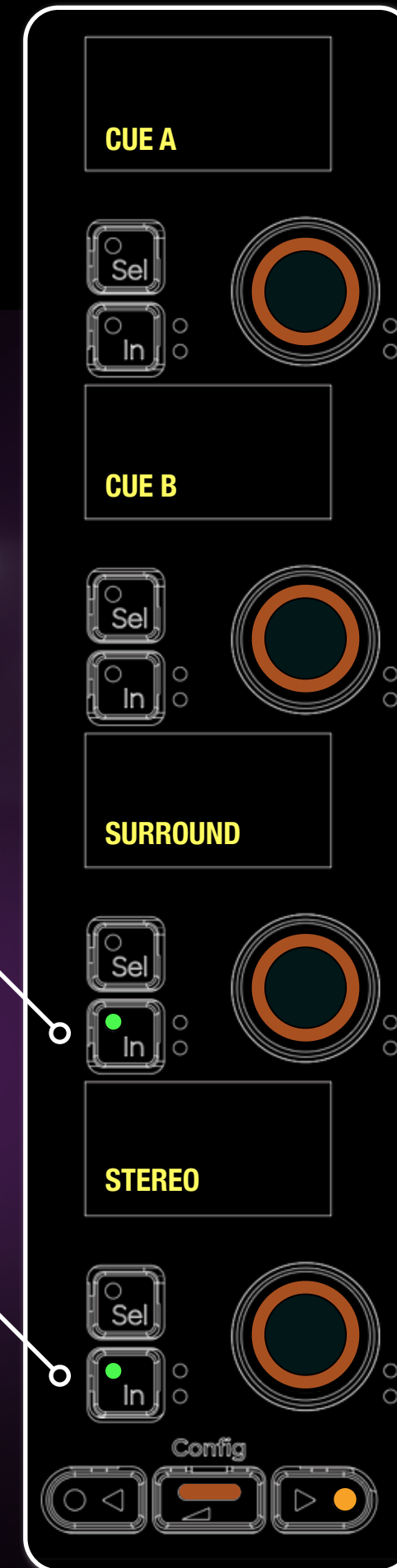
Press **Bus** on the Process Module to populate the Knob Module with Output Bus Parameters



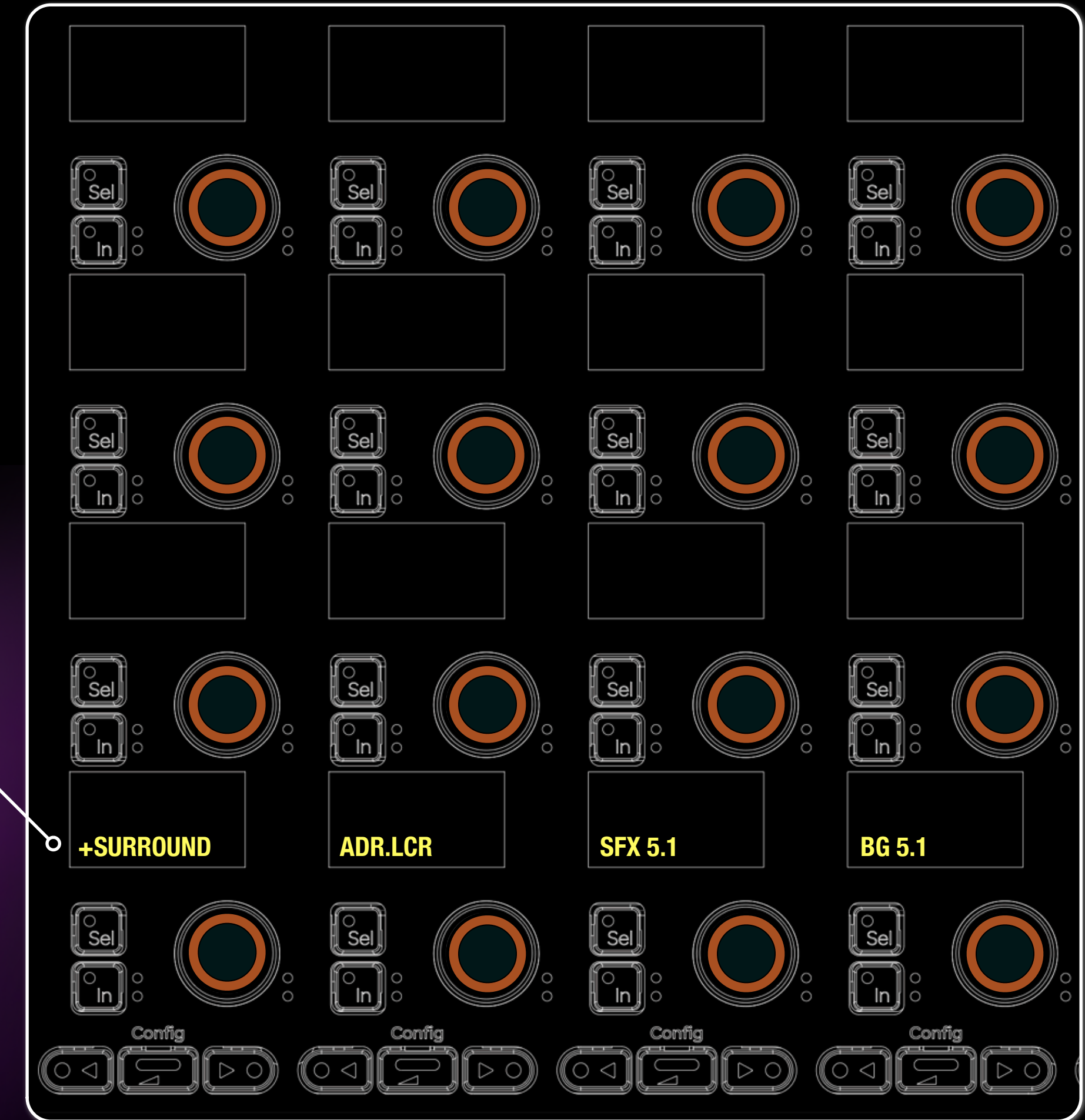
Push an encoder to make a selection for Output or Bus



Add or subtract Output paths by using the **In** buttons



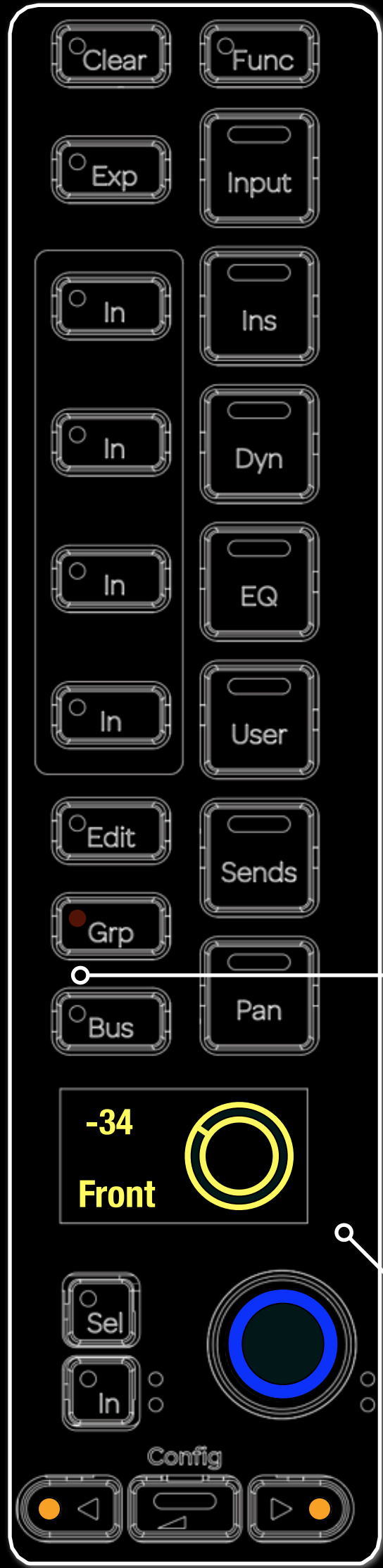
+ Indicates a multi-assigned output path routed to both SURROUND and STEREO





Channelstrip: Groups

Press an encoder or toggle an **In** switch to assign a group to a chosen track

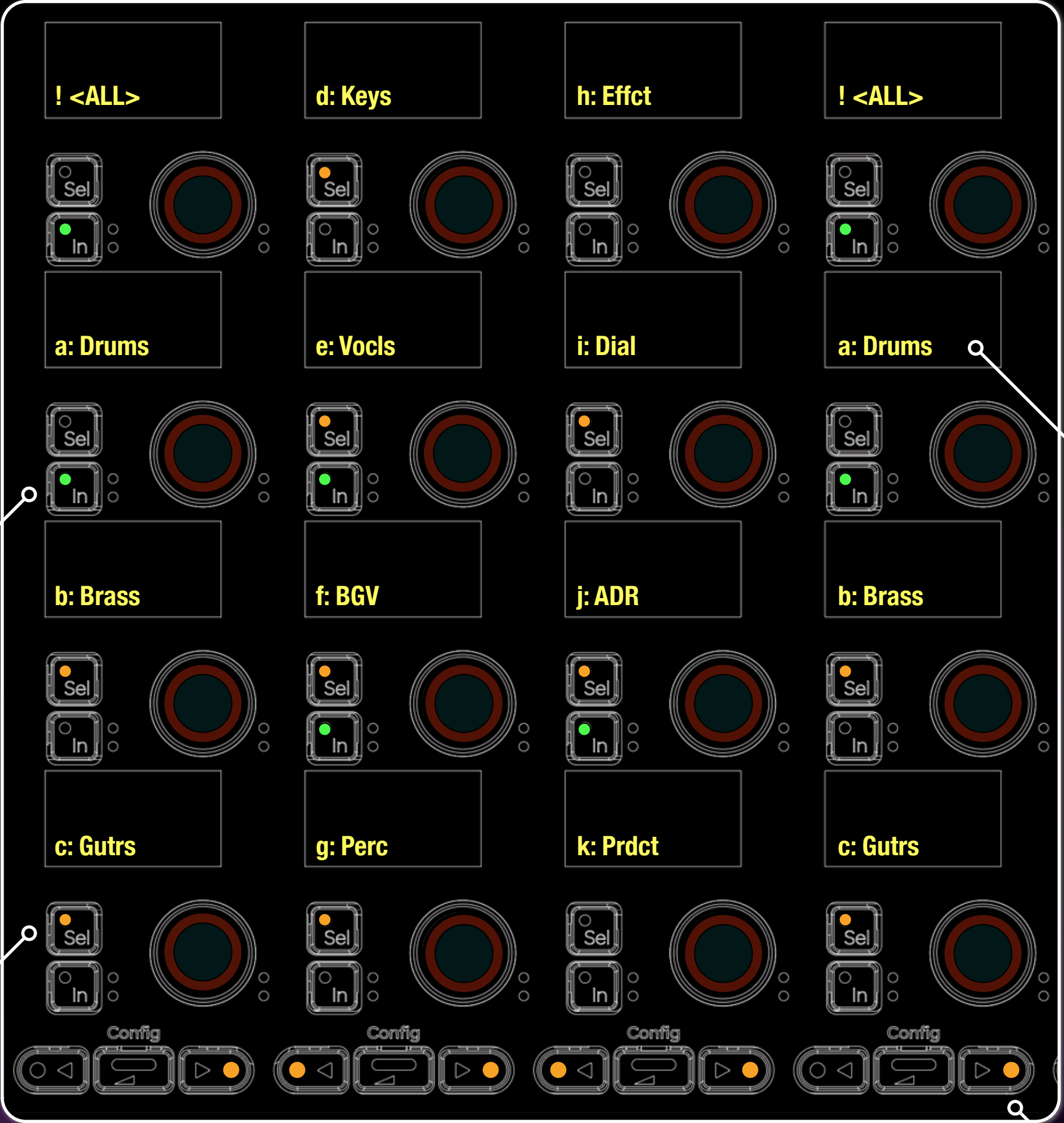


Groups

Assignable Knob set to **Pan**

Group Assign (assigned)

Group Suspend (not suspended)



Group Name & Letter

Page Right (page through all created groups)



Channelstrip: Instruments

Clear

Func

Exp

Input

In

Ins

In

Dyn

In

EQ

In

User

Edit

Sends

Grp

Pan

-34

Front

Sel

In

Config

Instruments

Assignable Knob set to Pan

MIDI Input

Instrument Plug-In

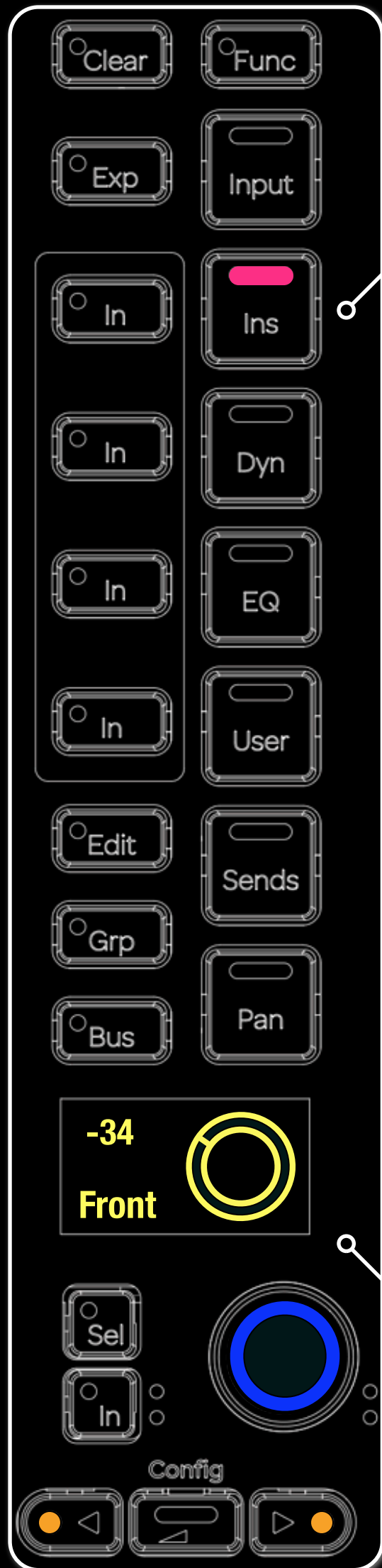
MIDI Pan

MIDI Volume

All	All	All	All
Sel In	Sel In	Sel In	Sel In
Absy511	Boom 1	EZdrm1	Hybrid 1
Sel In	Sel In	Sel In	Sel In
0 Pan	0 Pan	0 Pan	5 Pan
Sel In	Sel In	Sel In	Sel In
118 Volume	118 Volume	90 Volume	73 Volume
Sel In	Sel In	Sel In	Sel In
Config	Config	Config	Config



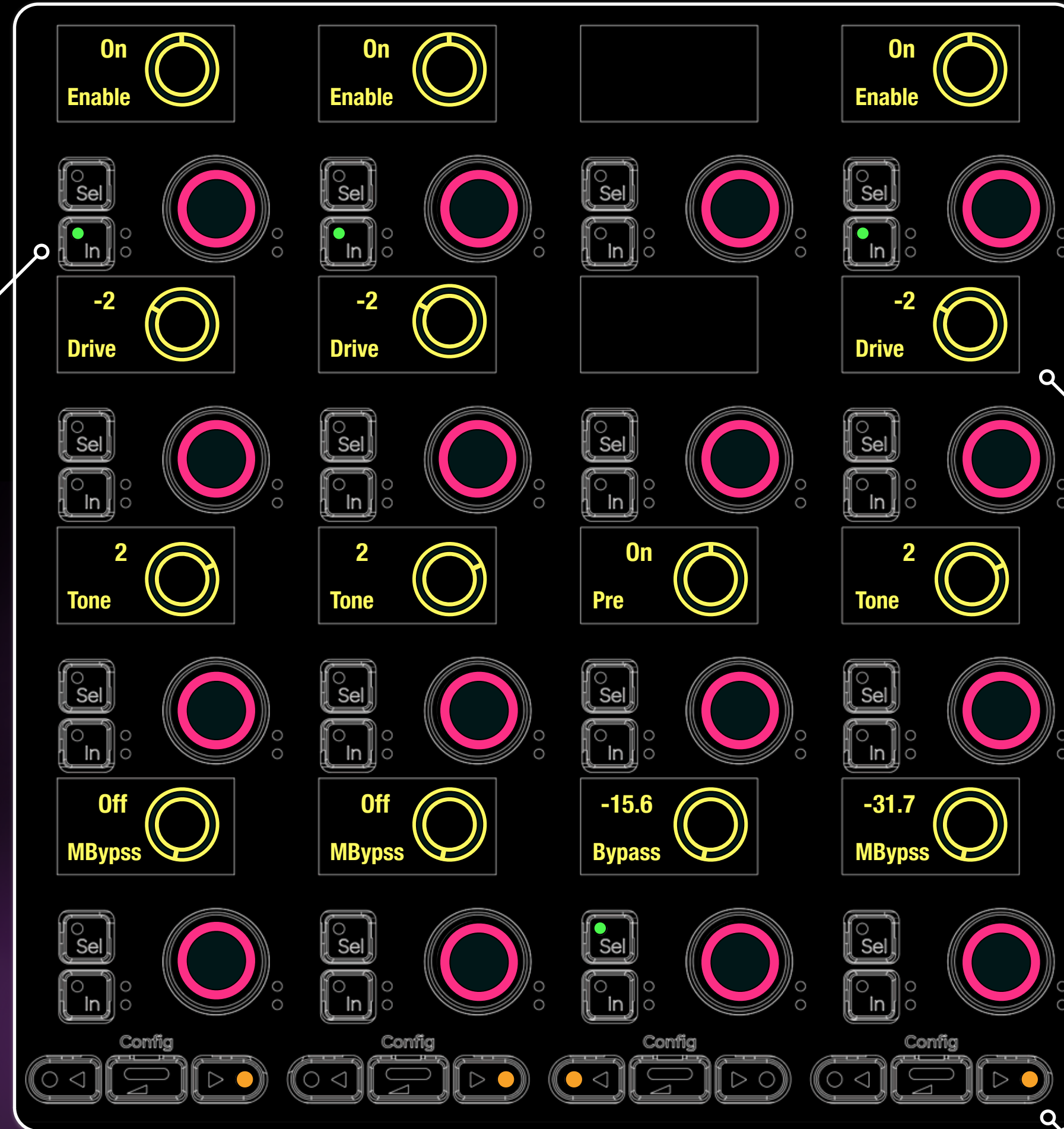
Channelstrip: HEAT



HEAT
(press and hold)

Heat Enable
(enabled)

Assignable
Knob set to Pan



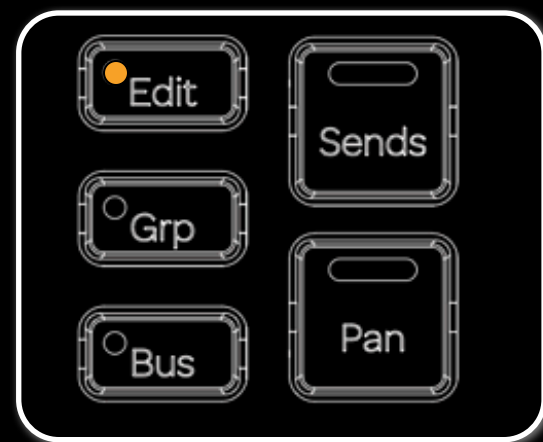
Heat Drive

Page Right
(more Heat parameters)



Channelstrip: Editing

Press **Edit** to enable simple clip editing from the S6 surface including trim, fades, clip-gain and slipping. A clip can be operated on once it reaches the playhead. Use either the **Encoder** or the **Sel / In** buttons to adjust the parameters.



Increment

Decrement

S6 Display
Module Editing

Pro Tools Clip
Editing

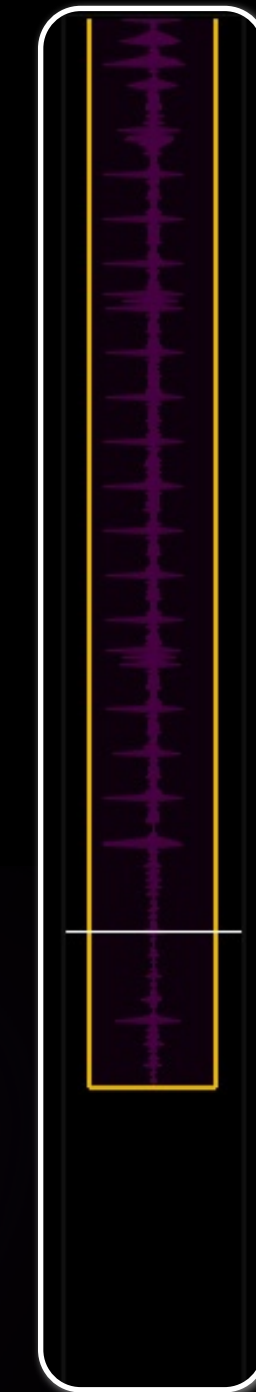
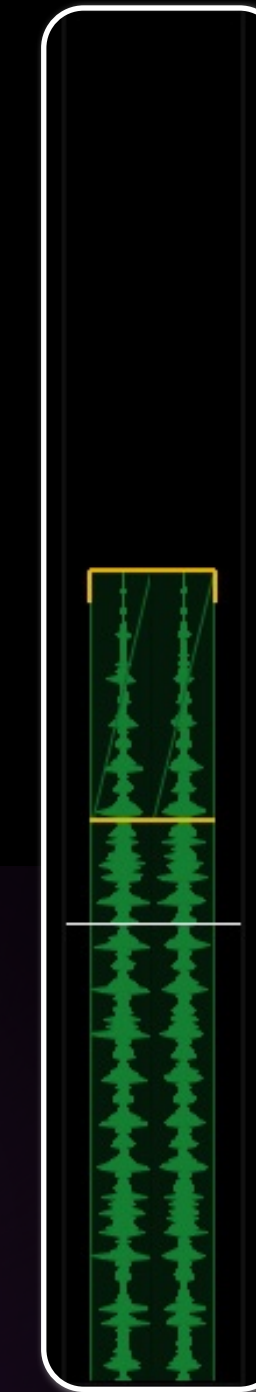
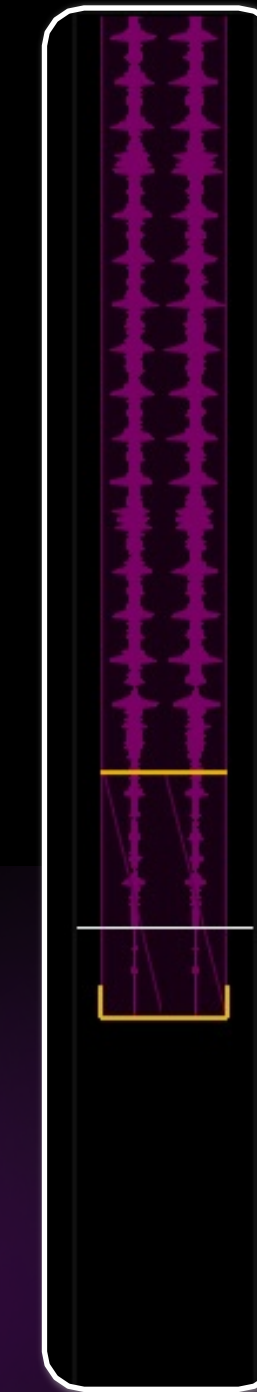
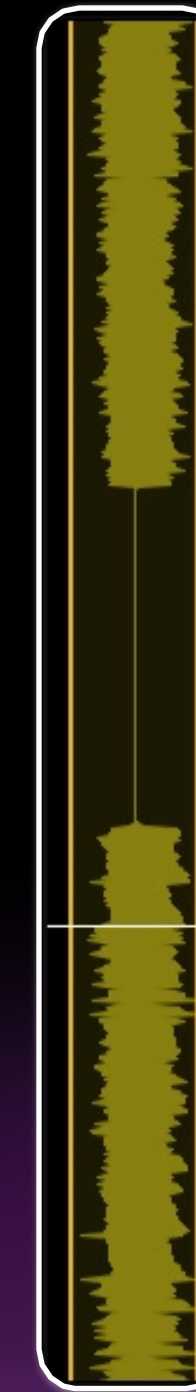
Clip-Gain

Fade In

Fade Out

Move Clip

Trim Head



Fade In



Move



Trim Tail



Master

Slave

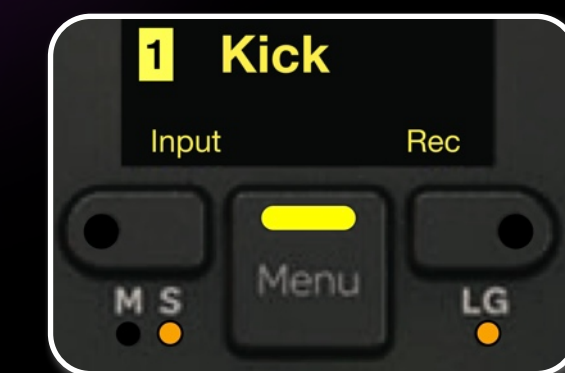
Group Member

Slave

To Spill any VCA Master, Press and hold **Menu** then **Spill L** or **Spill R** to specify the direction to Spill the slaves.



For VCA Masters, the **Menu** button is indicated with **Green** while Slaves are displayed in **Yellow**. Dedicated LEDs indicate whether a channel is a **Master** or **Slave** as well a member of a **Group**.



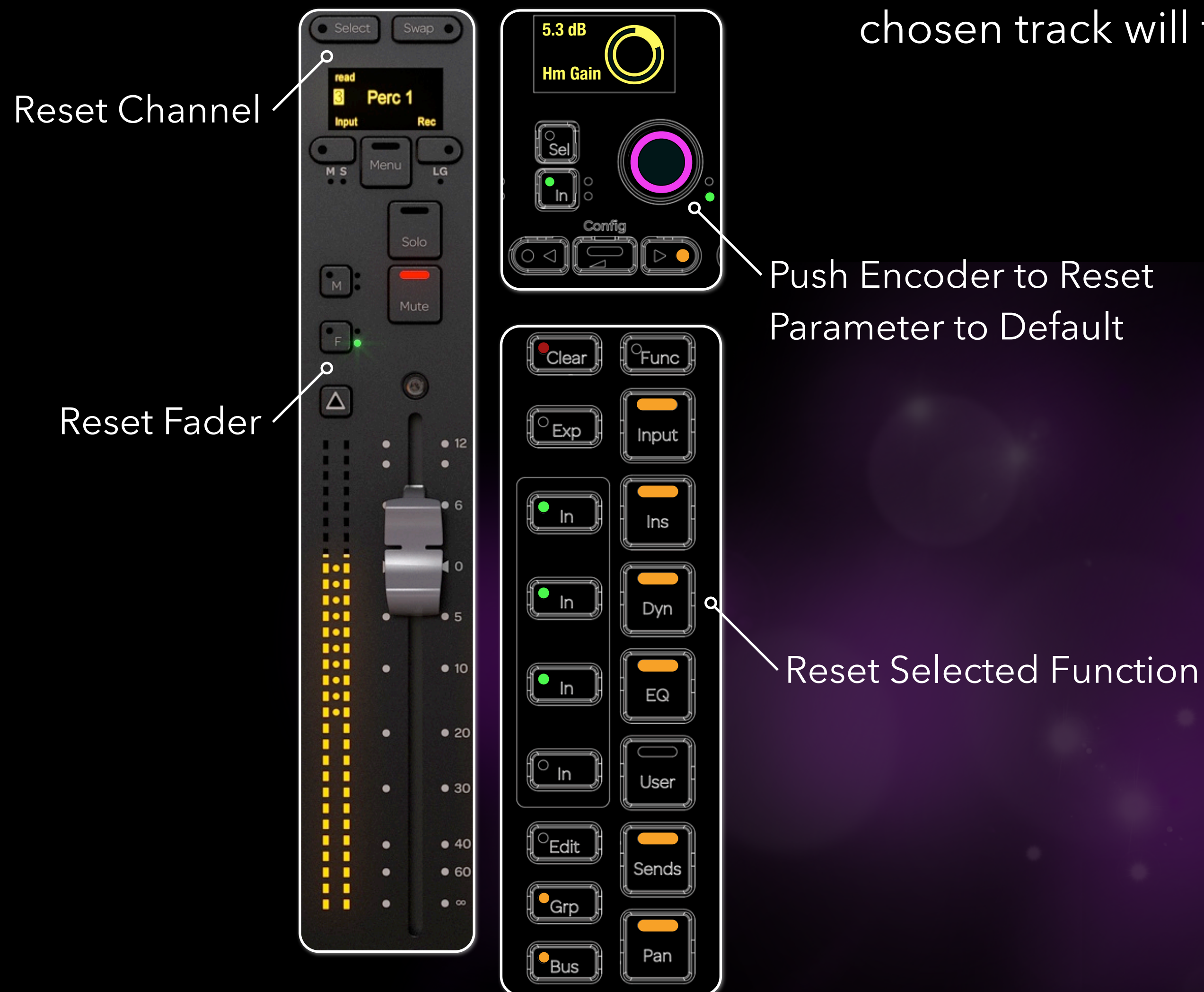
S6

[\[Return to Index \]](#)



Clear Mode

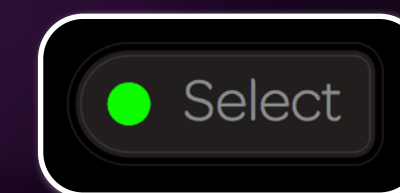
Pressing **Clear** accesses Clear Mode which enables a user to reset any function to its default state. The Clear button on the chosen track will flash red to indicate that it is in a clear mode.



Reset the Current Parameter



Reset the Fader to Unity: 0 dB



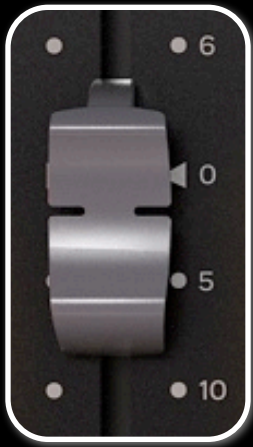
Reset the Entire Channelstrip



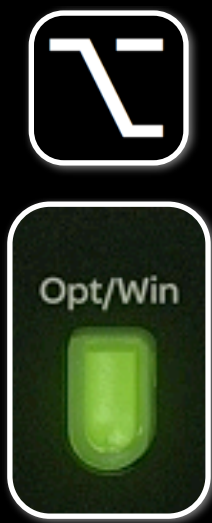
Parameter Nulling



+



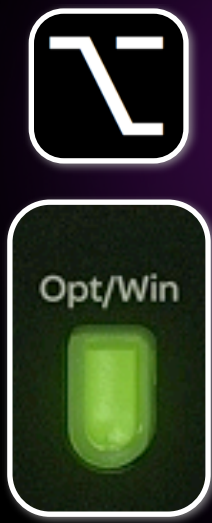
Null Volume on Touched Fader



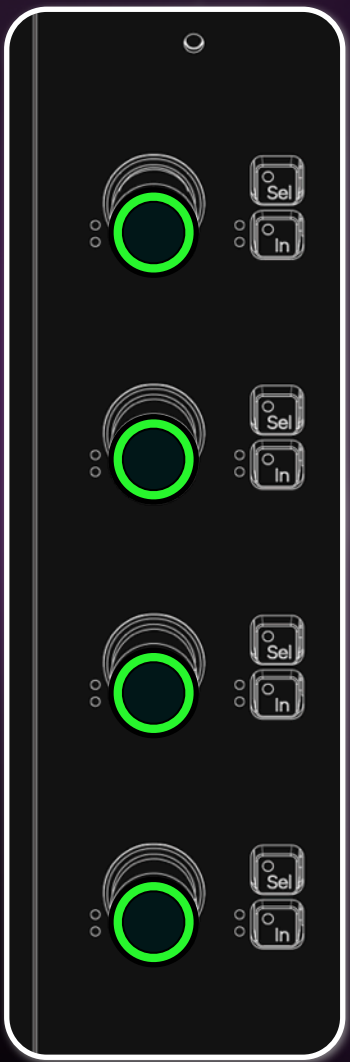
+



Null Parameters on Touched Encoder



+



Null Parameters on Attention Knobs



Management



+



Open / Close the Mix & Edit Windows

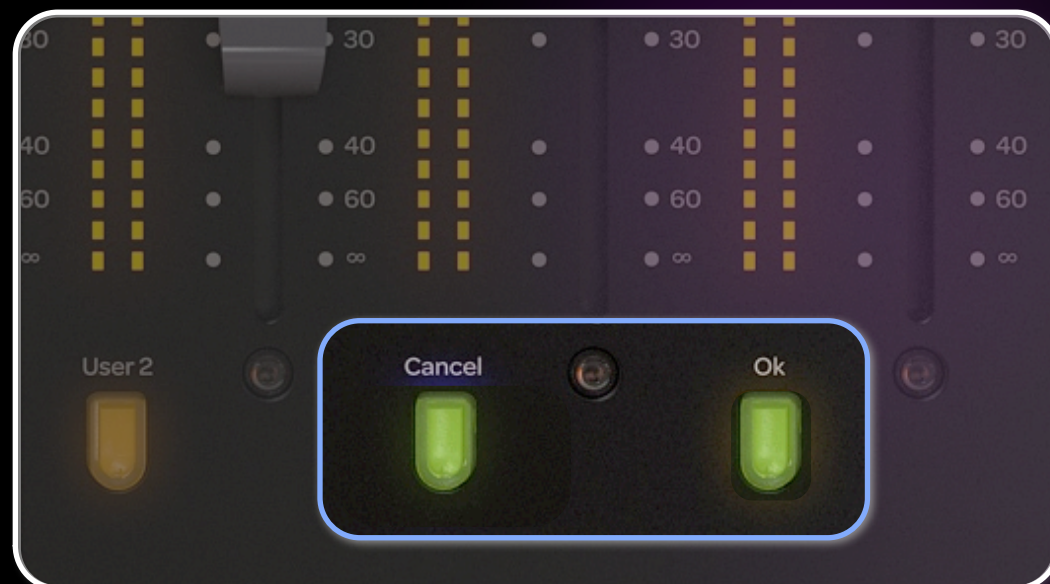


Clear Over Indication on Meters



Clear Soloed Channels

Session Management



Each Fader Module includes dedicated **Ok** / **Cancel** buttons to Accept or Dismiss Dialogs indicated in **Green**. If the dialog is not on the current Workstation it is indicated in **Orange**.





Assignable Knob

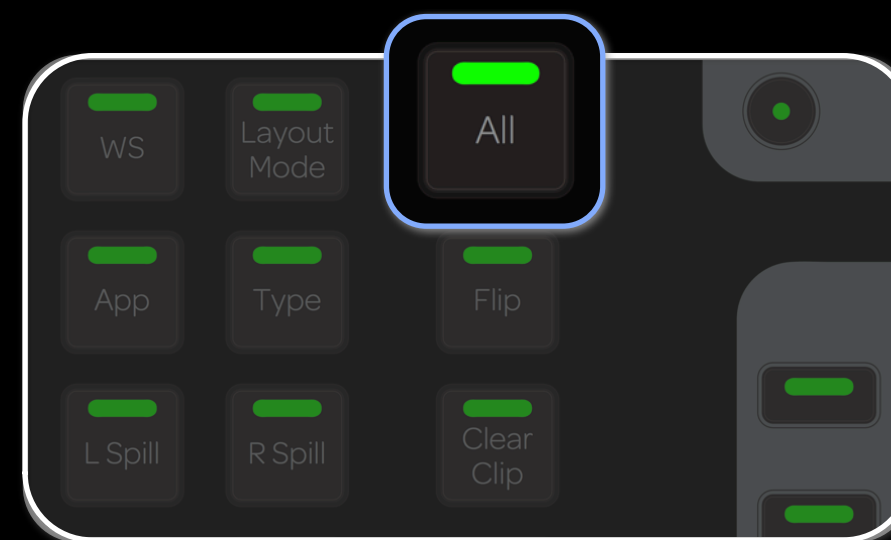
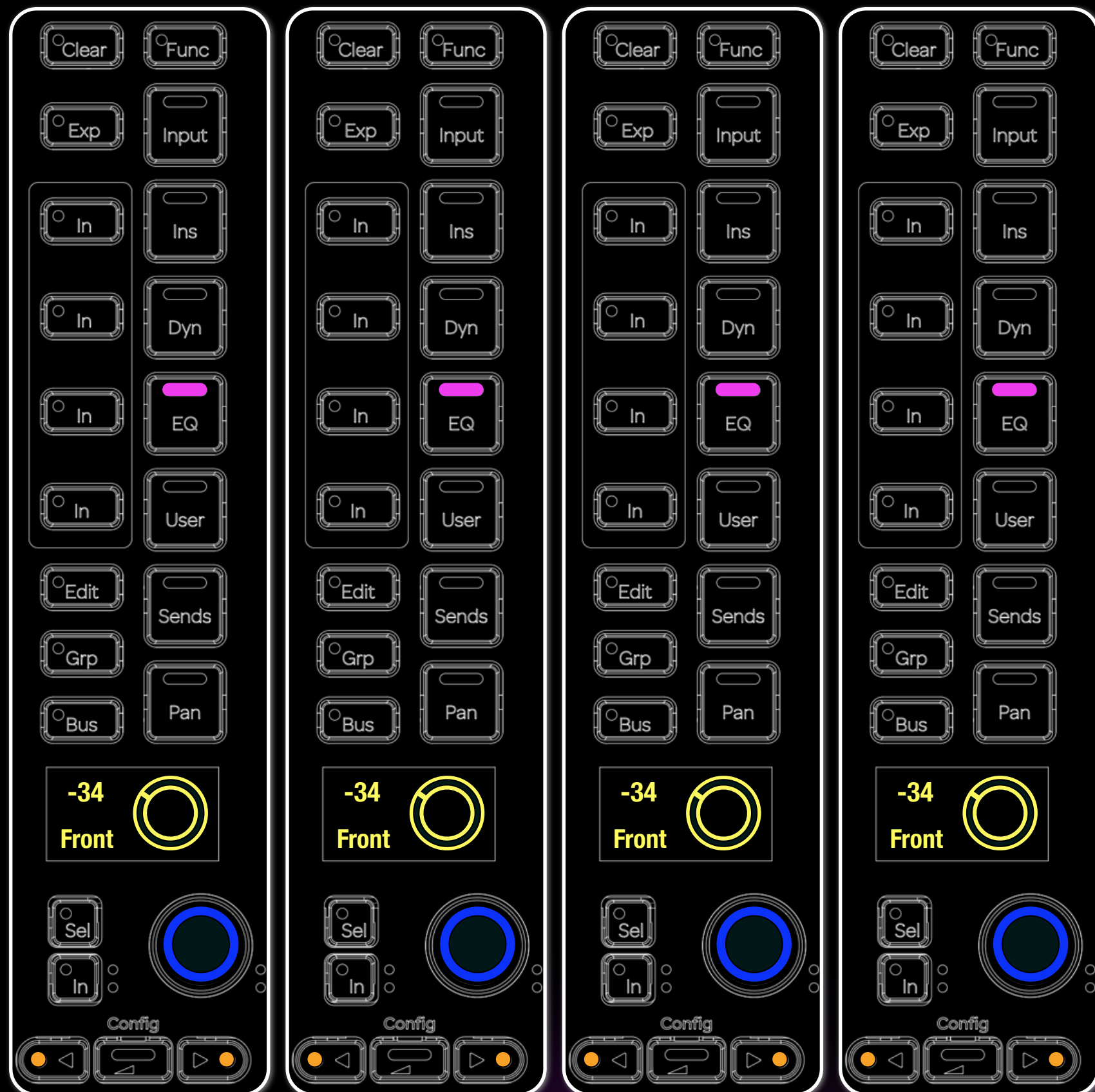


Press **Back** + any **Process Mode** to populate the Assignable Knob.

Use the **Left** / **Right** Arrows to toggle through the available parameter pages.



Assignable Knob: All

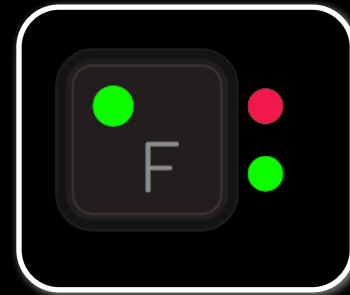


To change the view of all the Assignable Knobs simultaneously, toggle the **All** button on, hold the **Back** button and press a view mode button from the Process Module.



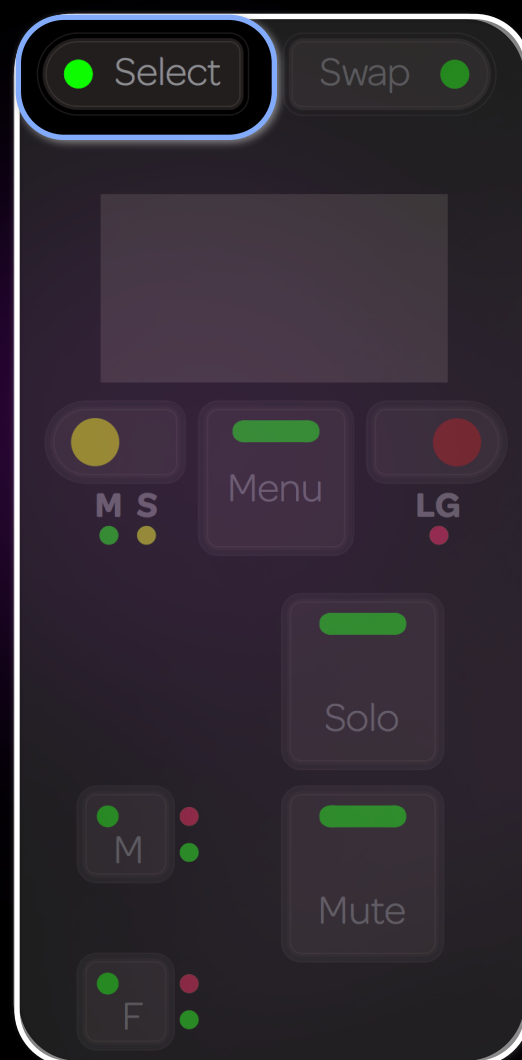


Automation: Changing Modes

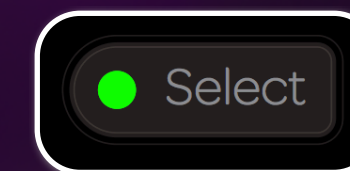


Cycle through Automation Modes on Channelstrip

Enable / Disable Automation Trim Mode



+



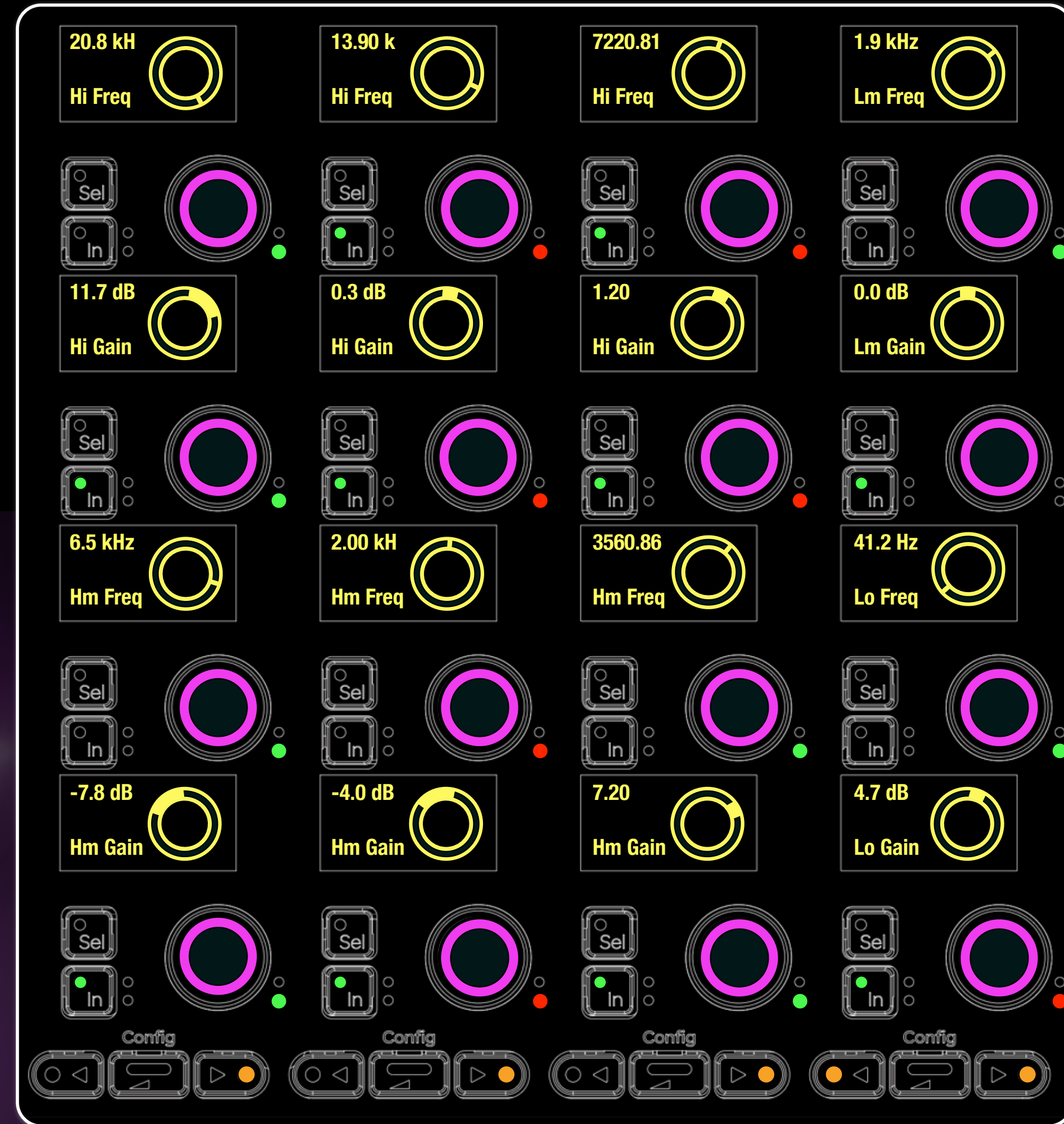
Press and Hold a **SoftKey** Automation Mode button while pressing **Select** on the desired Channel(s).



Automation: Indicators



Automation Writeable
Parameters are
displayed in Red.



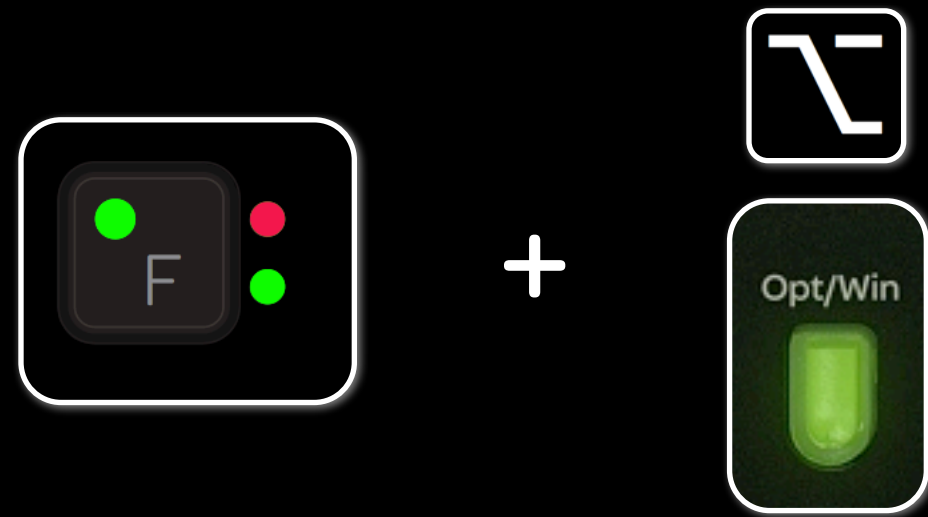
Automation not
enabled for Parameter

Automation Read
for Parameter

Automation Write
for Parameter



Automation: All & Selected



Toggle Automation Mode of All Tracks



Toggle Automation Mode of Selected Tracks



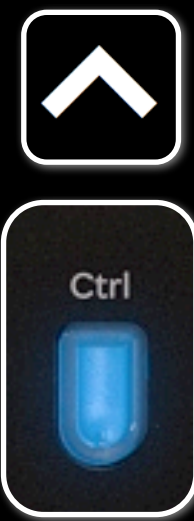
Press **Do To All** then **Touch** to put All Tracks into Touch Mode.



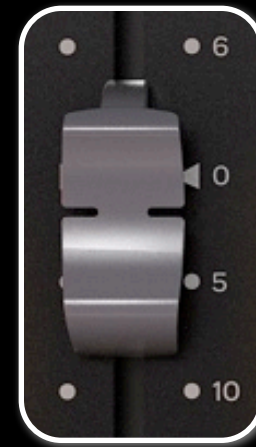
Press **Do To Sel** then **Read** to put Selected Tracks into Read Mode.



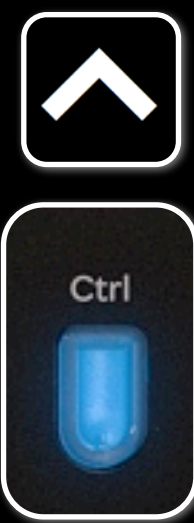
Automation: Context



+



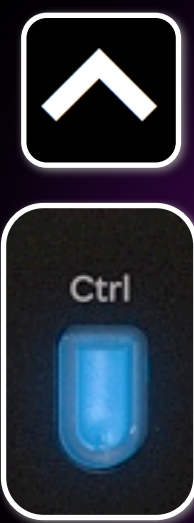
Display Volume Automation for Touched Faders



+



Display Pan Automation for Touched Encoders



+

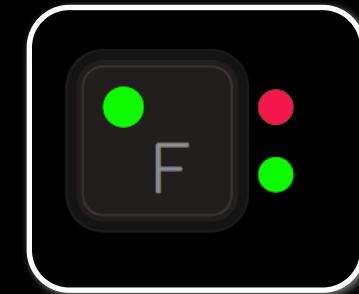


Display Waveform View for Selected Tracks

Add the OPTION key to view the chosen automation playlists on all tracks. Pro Tools will automatically scroll the edit window to display the touched track.



Automation: Matching



To match out of automation on a single channel, simply press the **F** button.

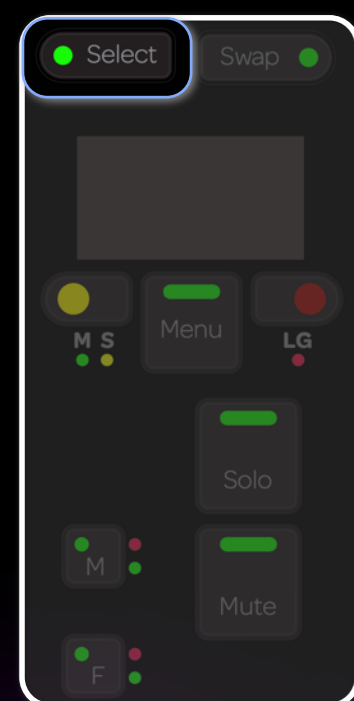


To match out of all automation globally press **Auto Match** from the Soft Keys on the Automation Module.



Automation: Preview

Enable automation **Preview** mode by pressing the **Preview** Soft Key from the Automation **Module**.



+



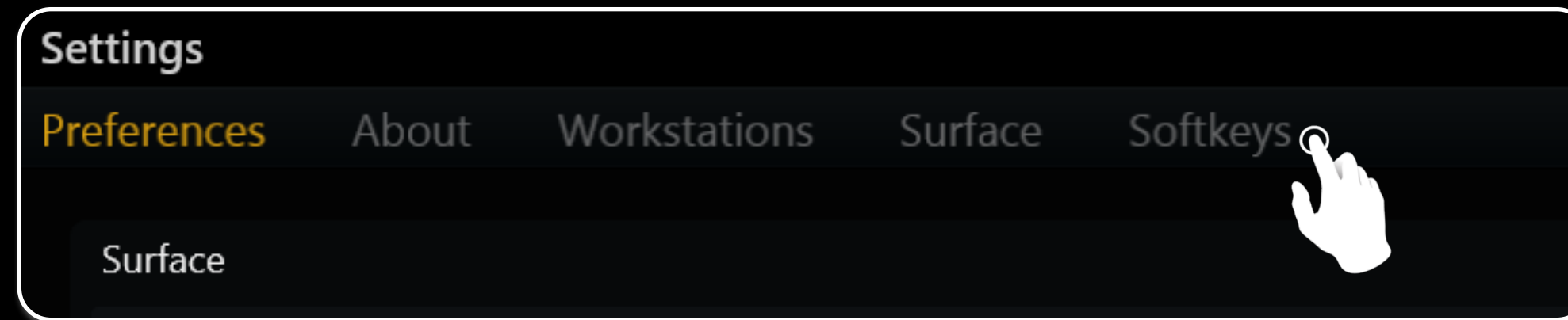
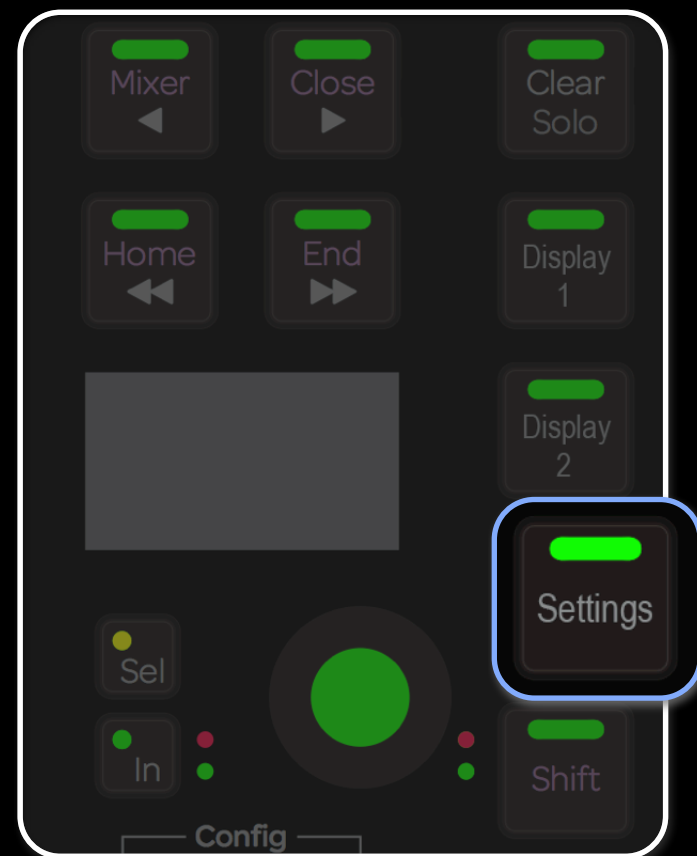
Ensure that the desired channels are currently set to an automation write mode such as **Latch**, **Touch** or **Touch/Latch**.



Make adjustments to the encoders and faders on the enabled channels. Use **Suspend Preview** to A/B settings, then press **Punch Preview** to punch in the settings. Use **Write to All** to commit and apply the punched automation values to a selected range.



Softkeys: Editor



The Soft Key Editor can be accessed by touching **Softkeys** from the Settings Menu.

Tap a TFT screen to edit the Soft Key Bank's header label or to use the Bank editing buttons
Use Add to create a blank Bank at the end
Use Clear to erase the commands and layout of the current Bank

Tap a Soft Key Button to edit the Soft Key commands or layout

Select Factory to revert the entire appset back to the factory default settings

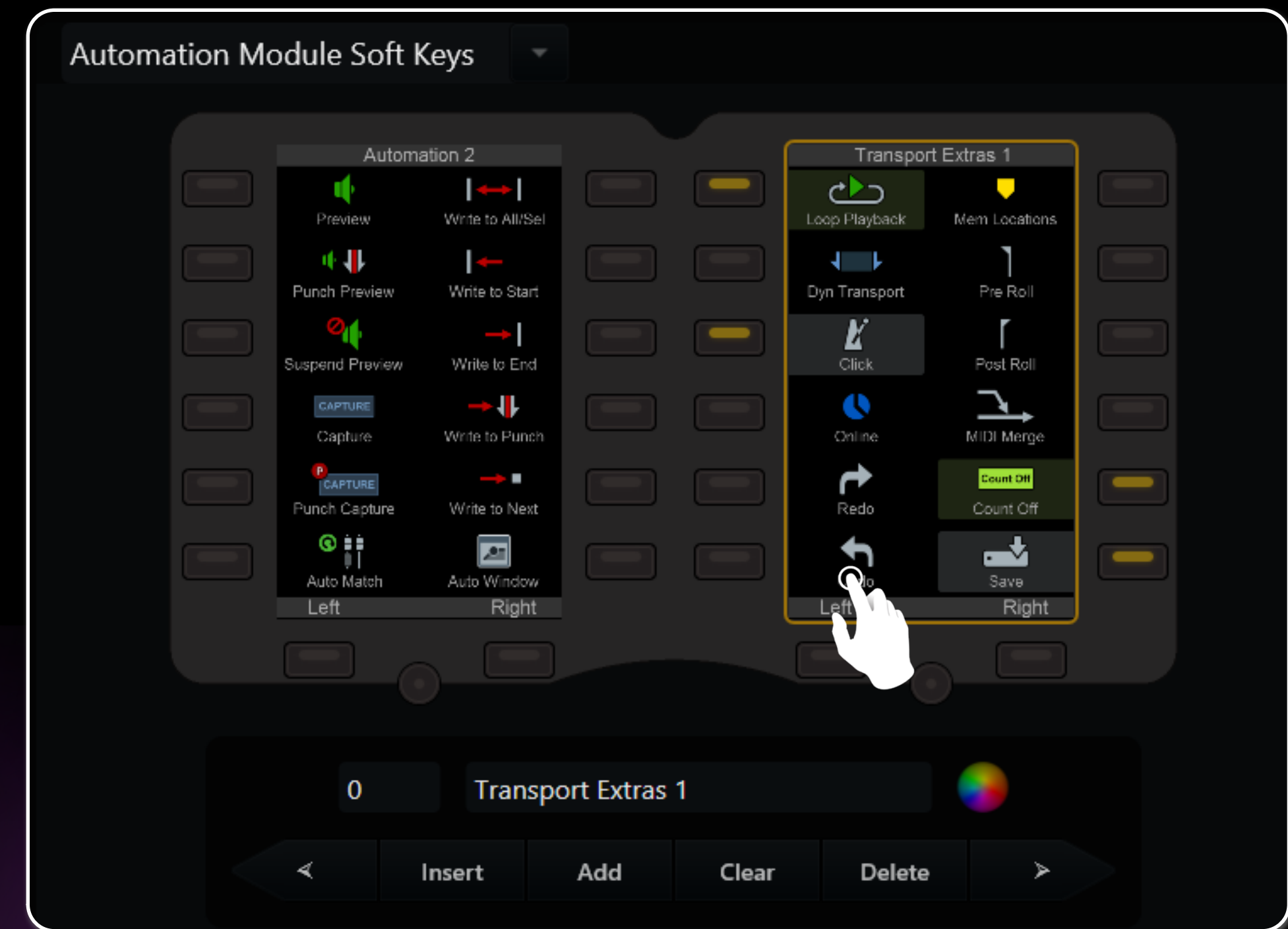
Instructional Help Text is provided at the bottom of the page.



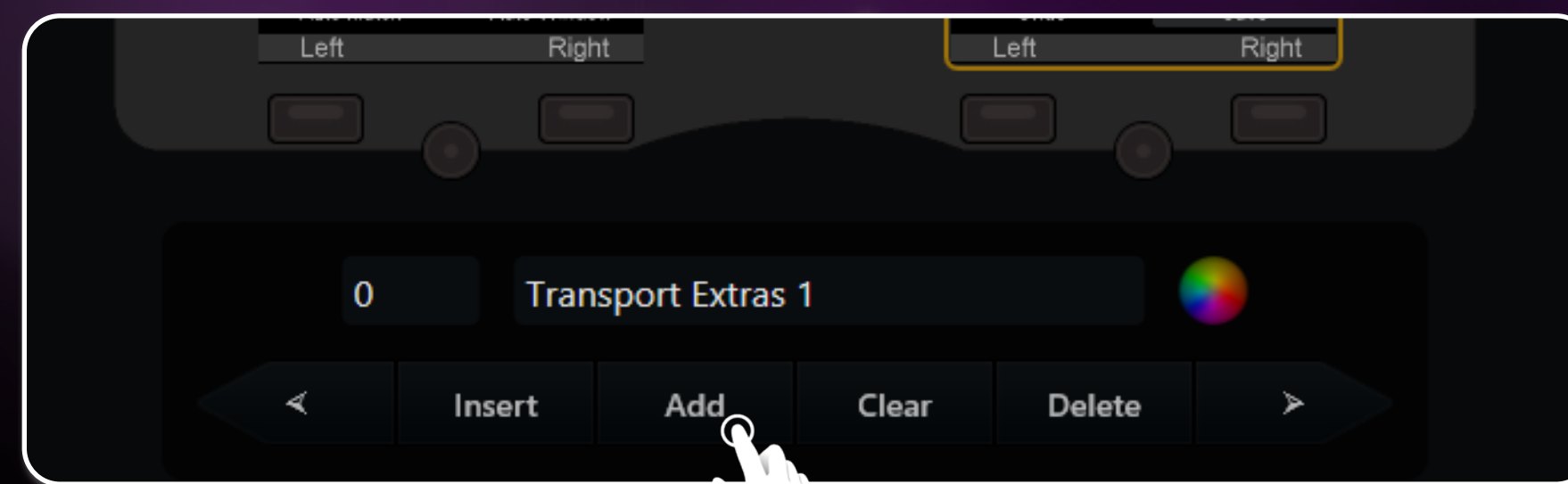
Softkeys: Creating [1/4]



Choose the Master or Automation Module to edit with the Soft Keys Editor.



Tap the Soft Key section to edit such as **Transport Extras 1** shown above.



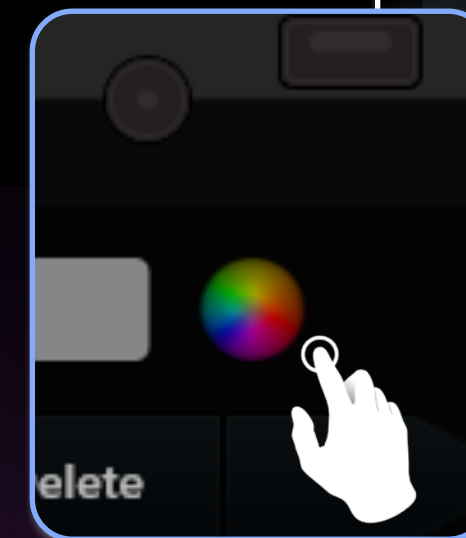
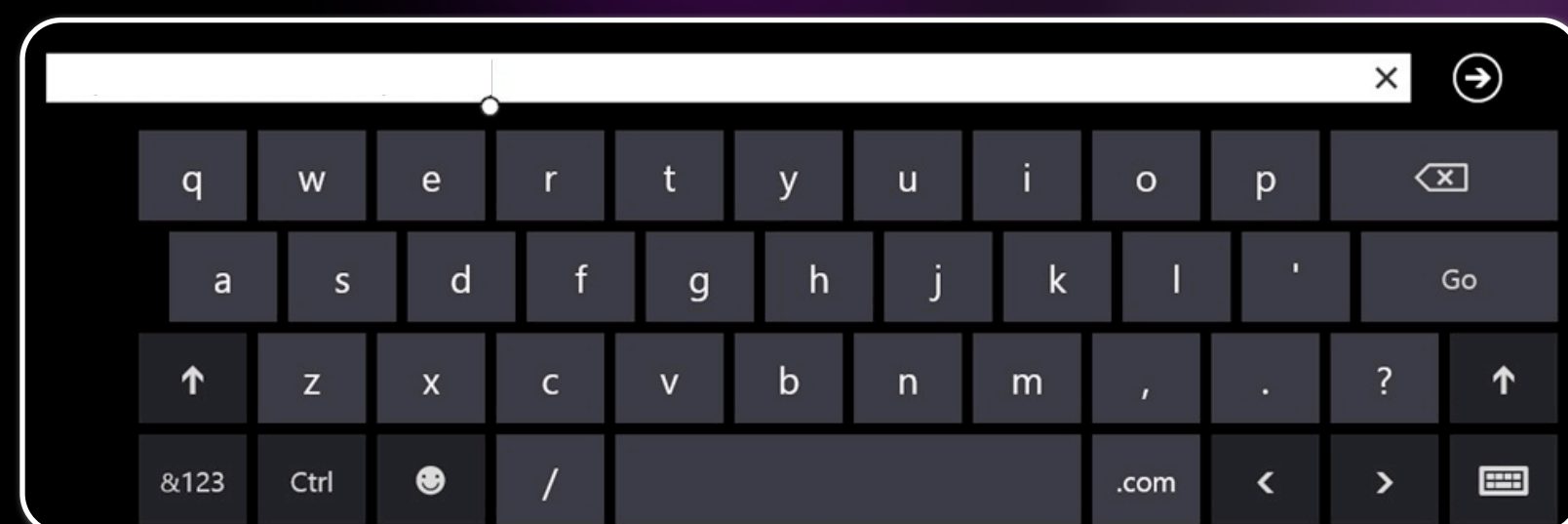
Tap **Add** to create a new, empty bank.



Softkeys: Creating [2/4]



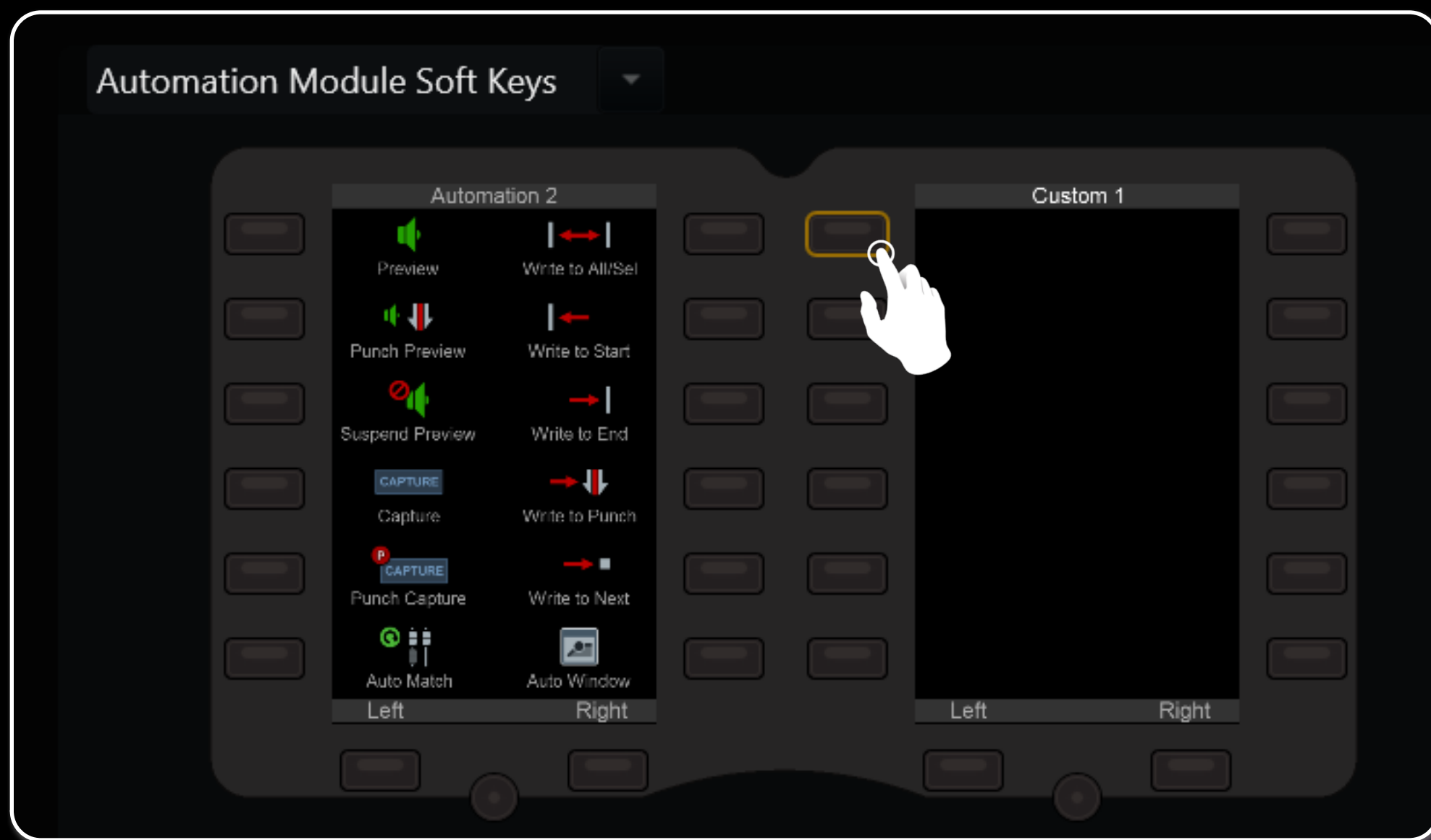
Double Tap the **Name** field to name the Bank using the on-screen keyboard.



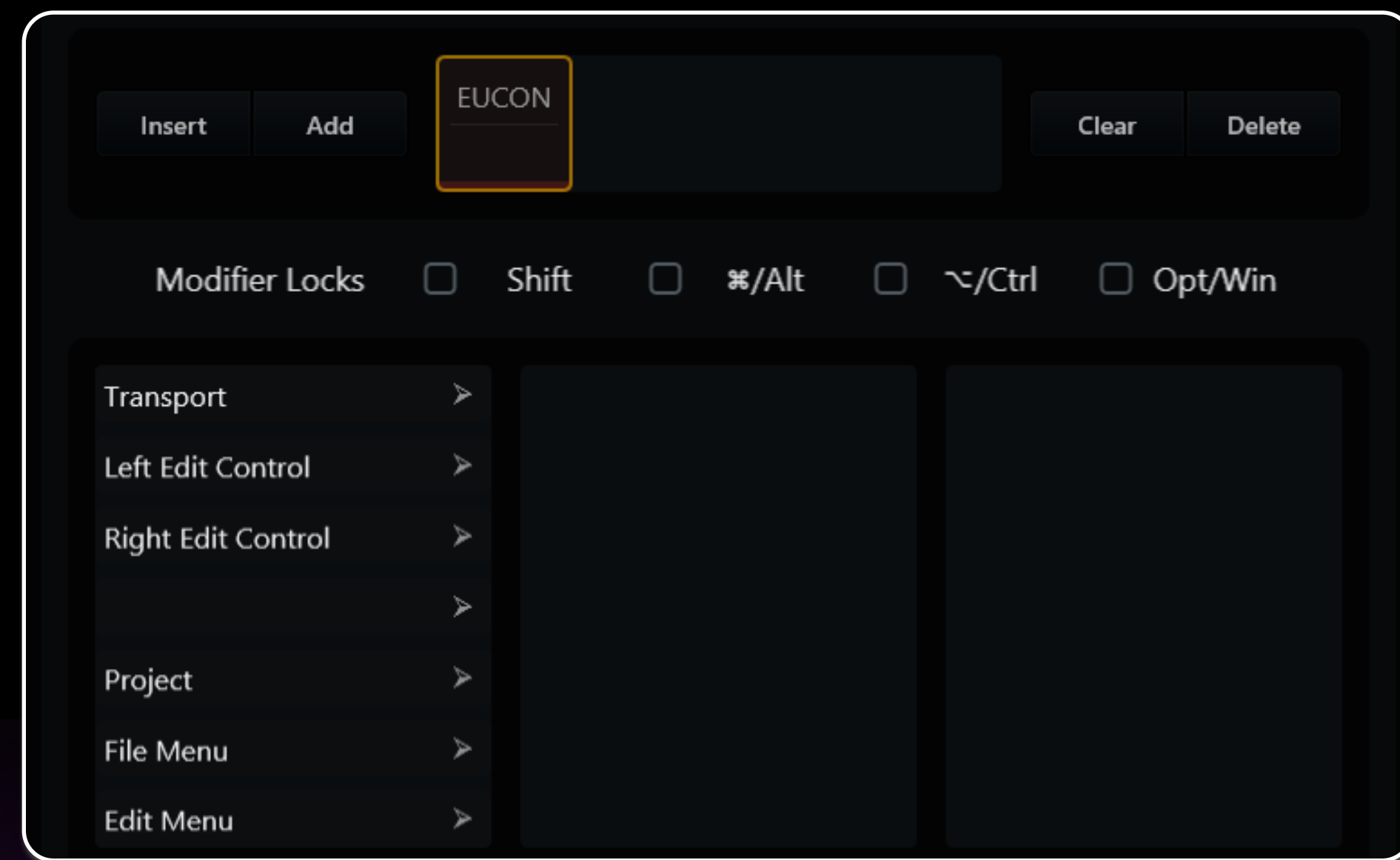
Tap the **Color Picker** to choose a color for the Bank Name text. Tap **Done**.



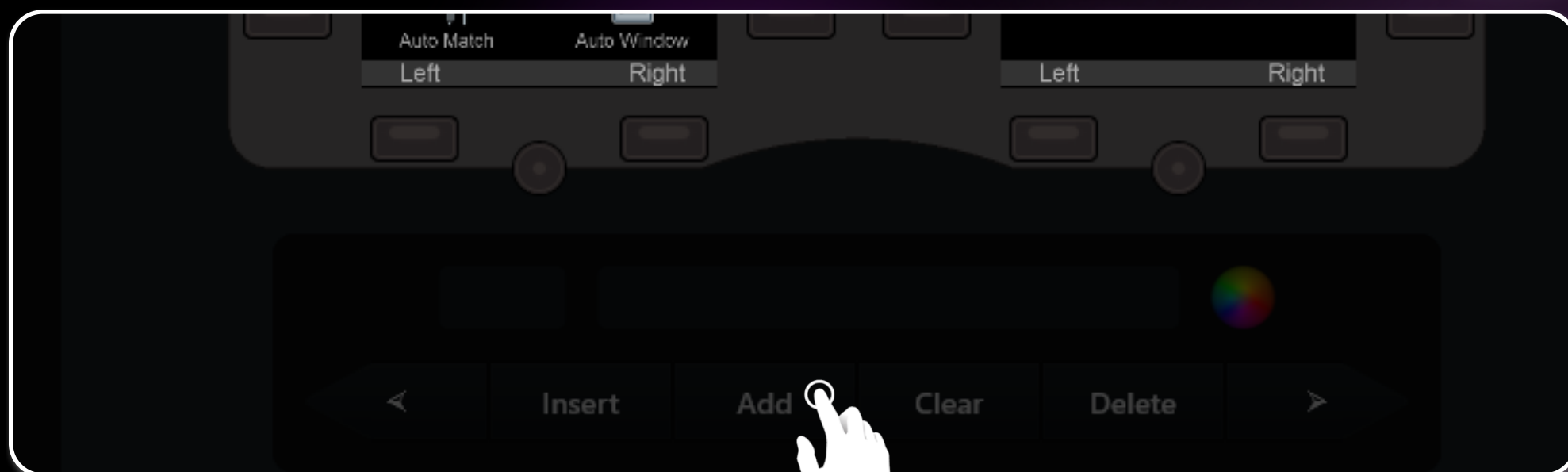
Softkeys: Creating [3/4]



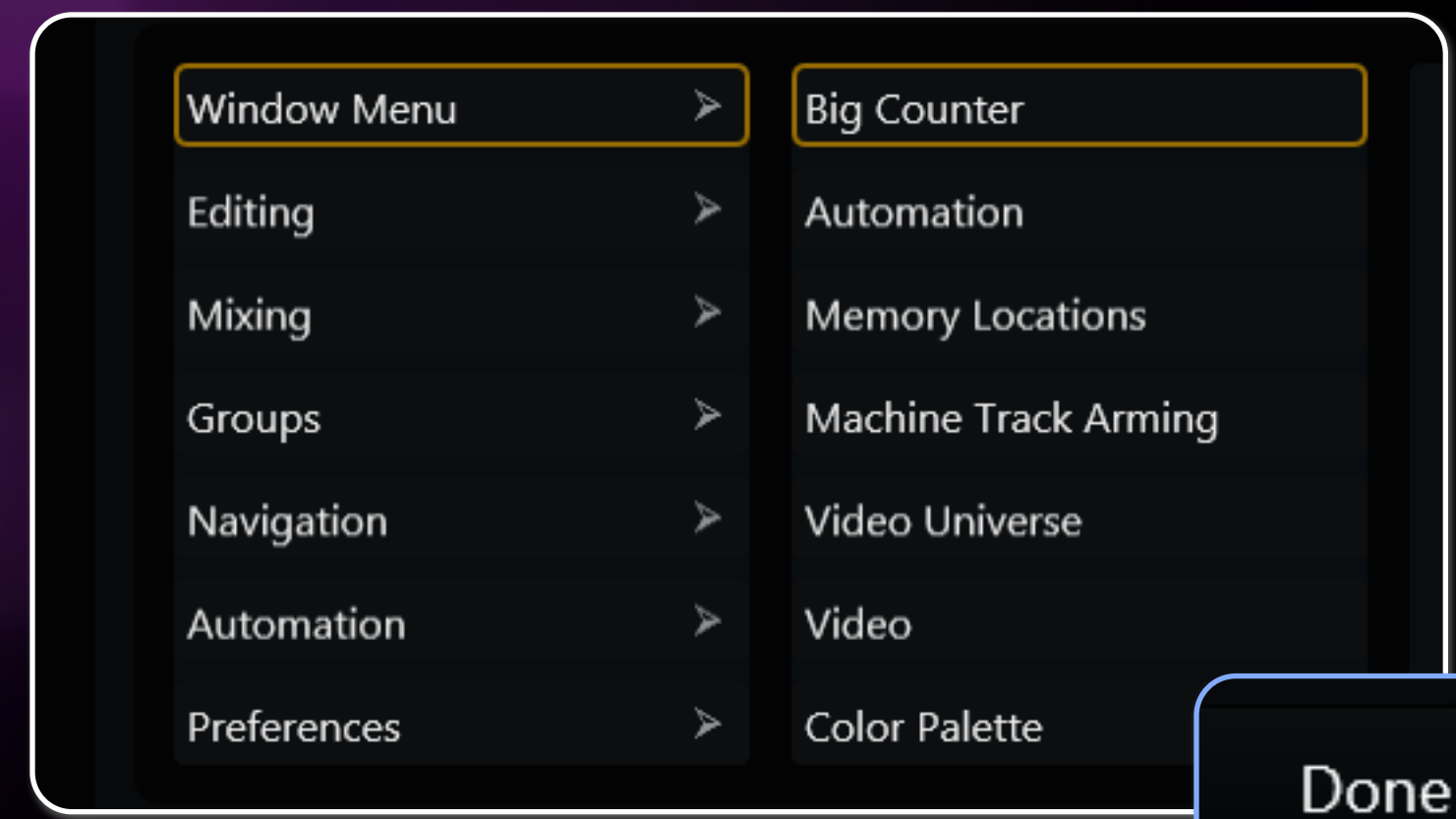
Tap a **Soft Key** within a Bank to Edit.



Tap **EUCON** to access a library of EUCON functions supported by your DAW.



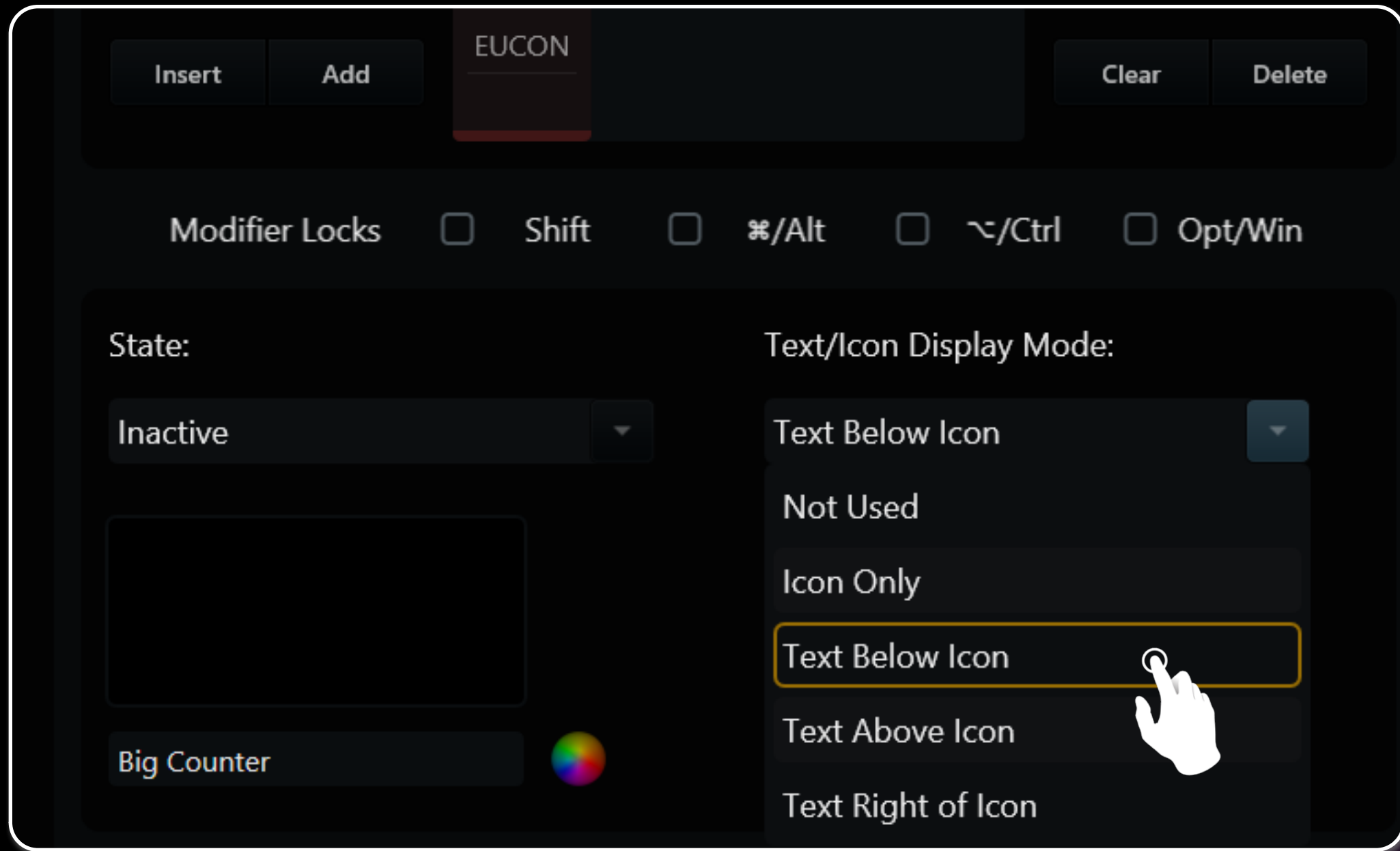
Tap **Add** from the editor section.



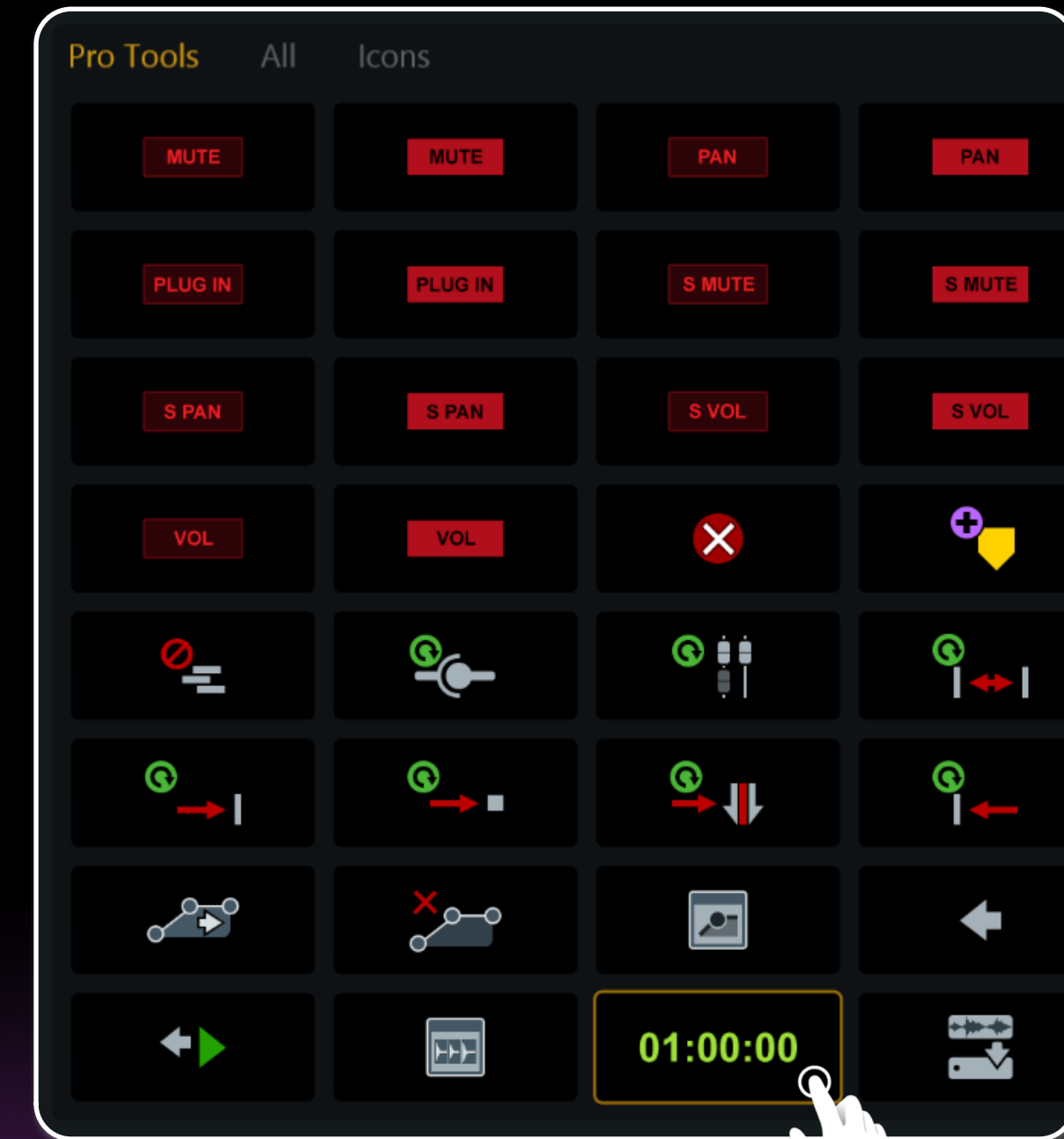
Tap **Done**.



Softkeys: Creating [4/4]

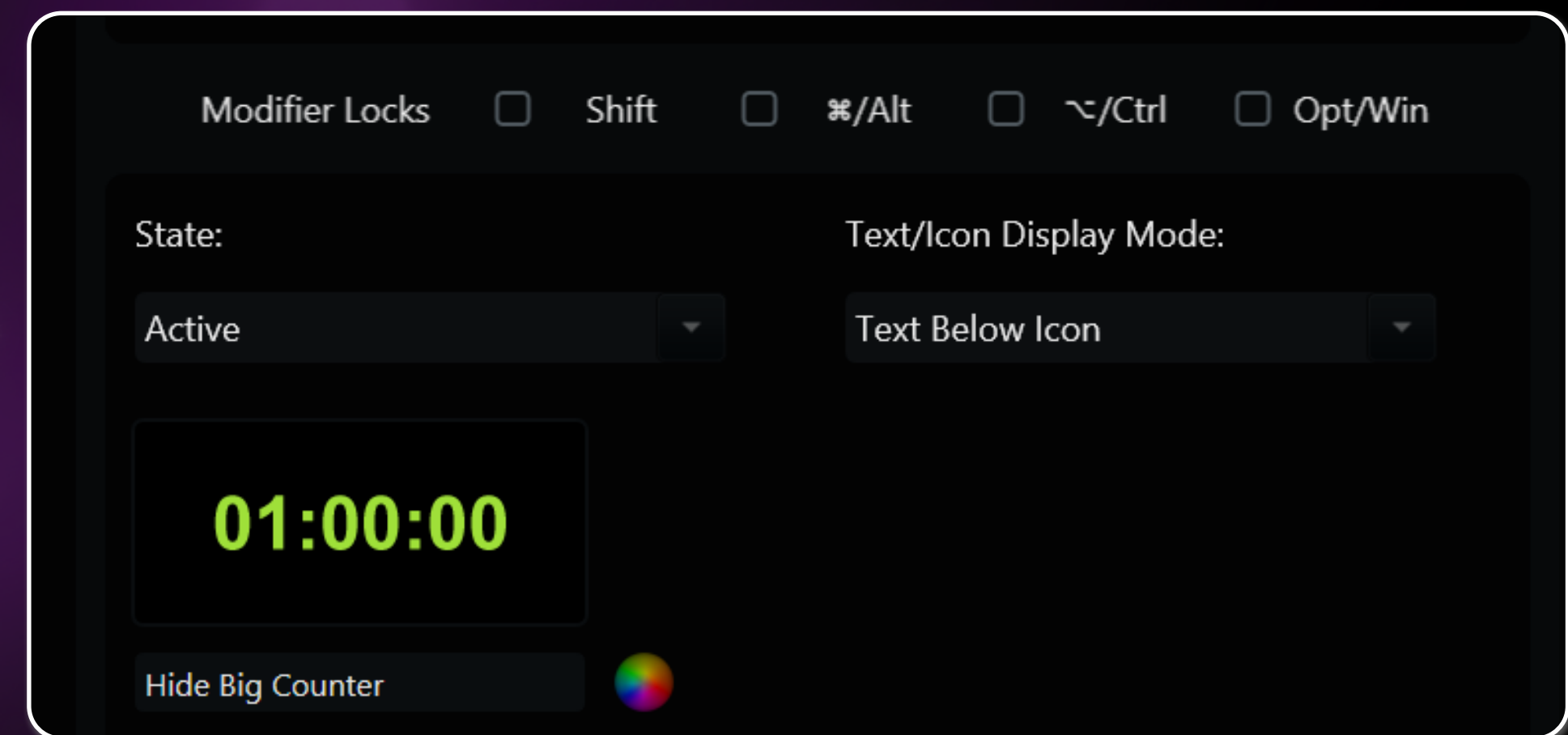
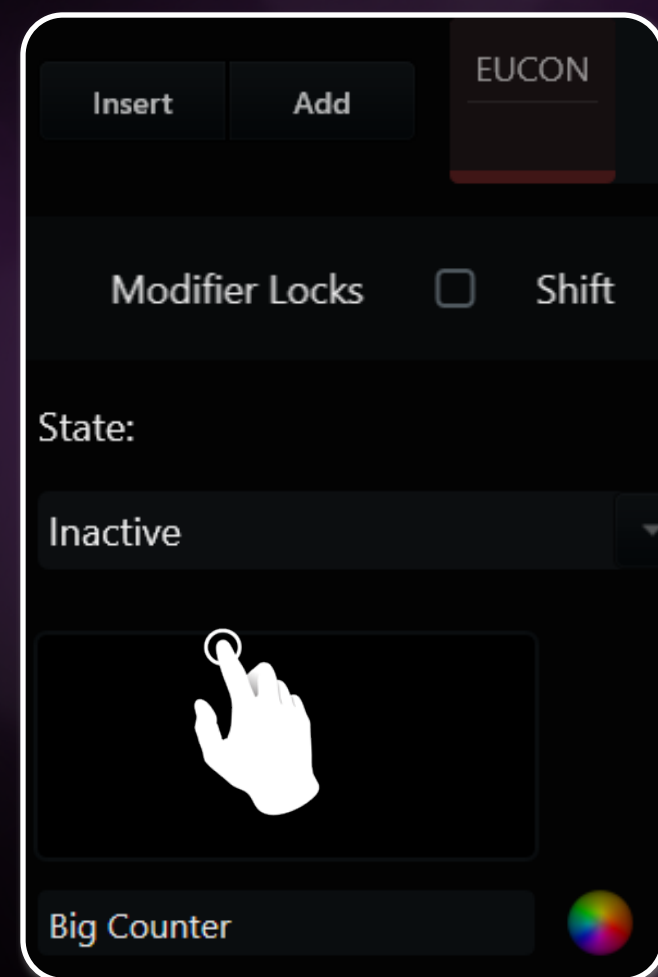


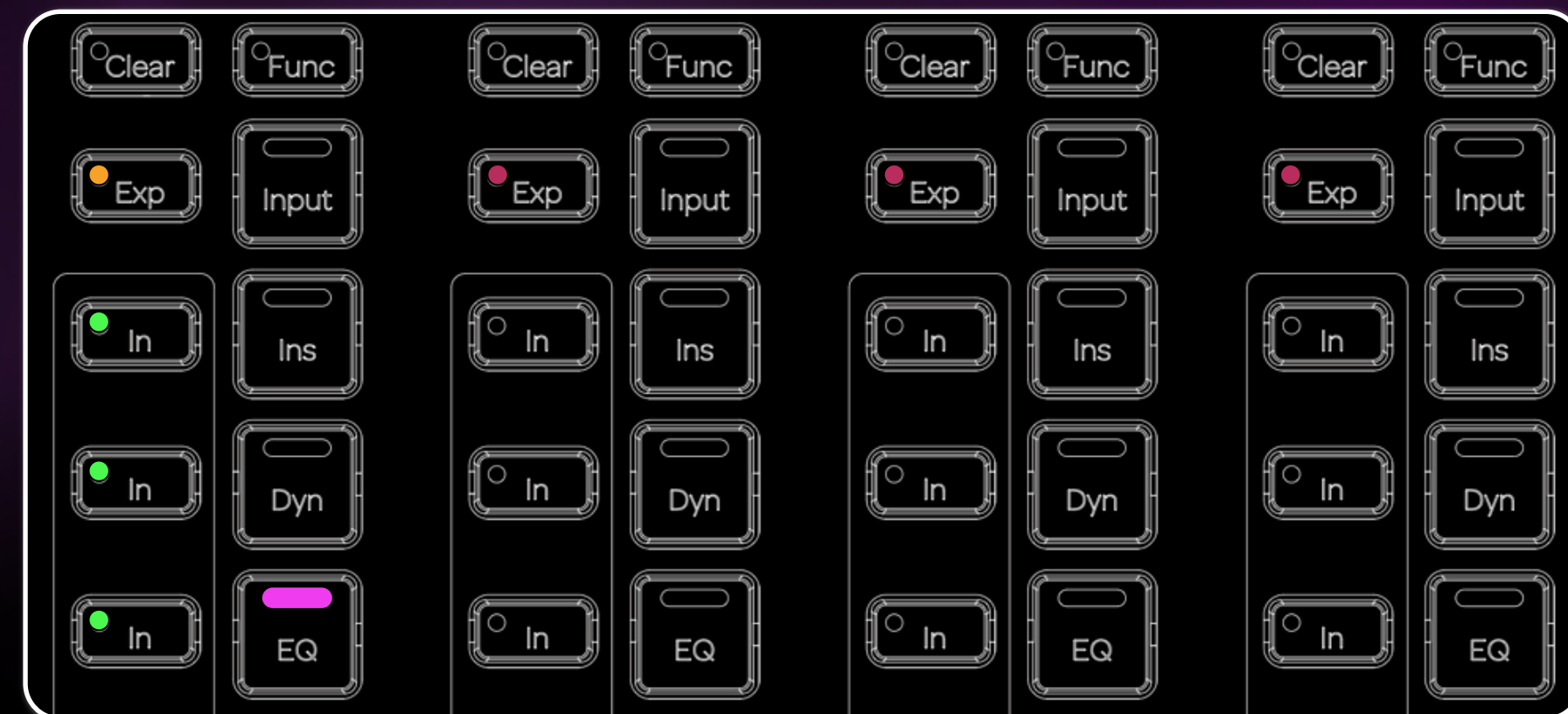
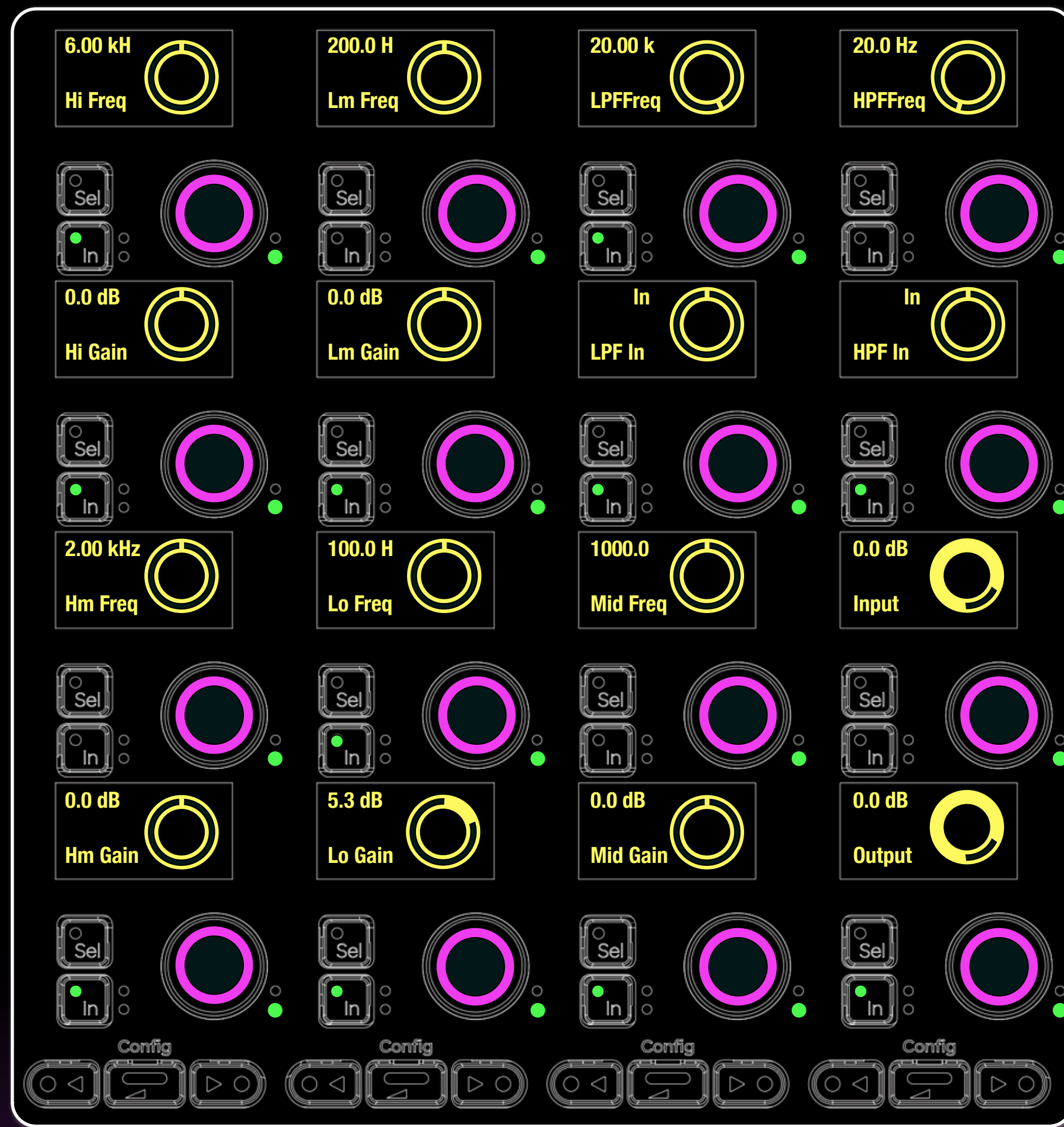
Tap **Text/Icon Display Mode** to specify the presentation of the icons and text.



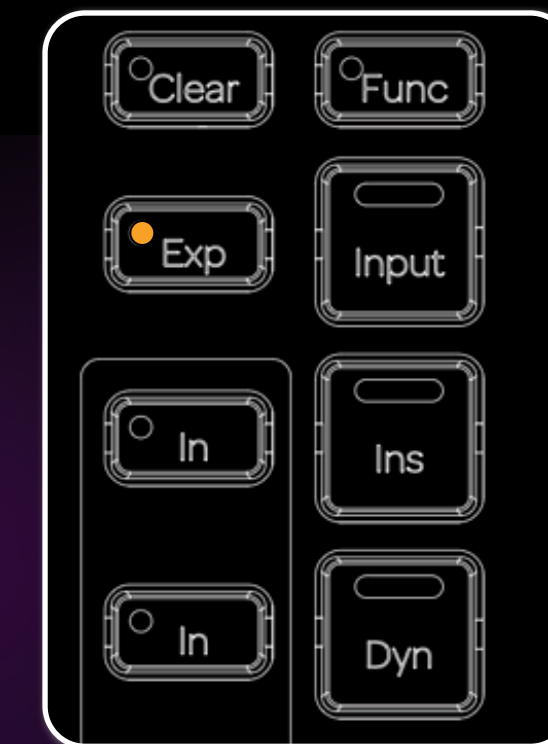
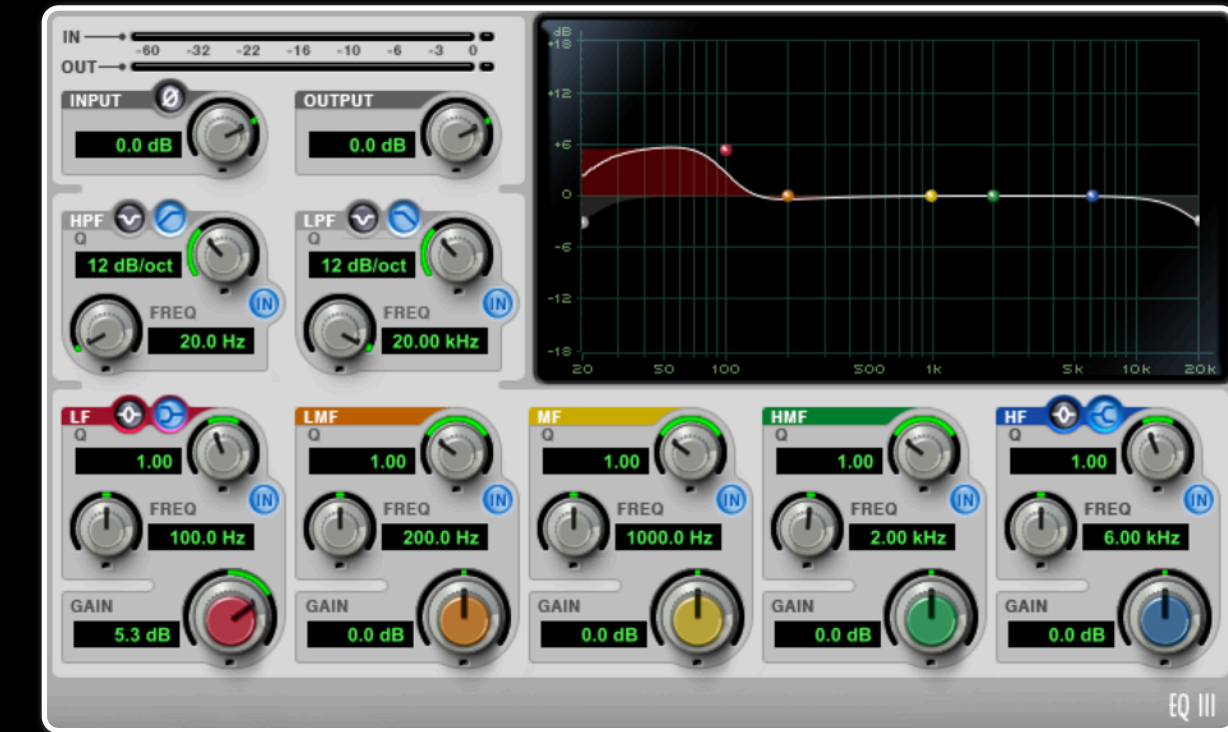
Choose an Icon.

Tap the **Icon Display** (blank by default) to select and assign an icon from the library to the chosen function.





Expand Mode



Expand spills the parameters from the currently selected function (**EQ**) to the encoders within that knob module.

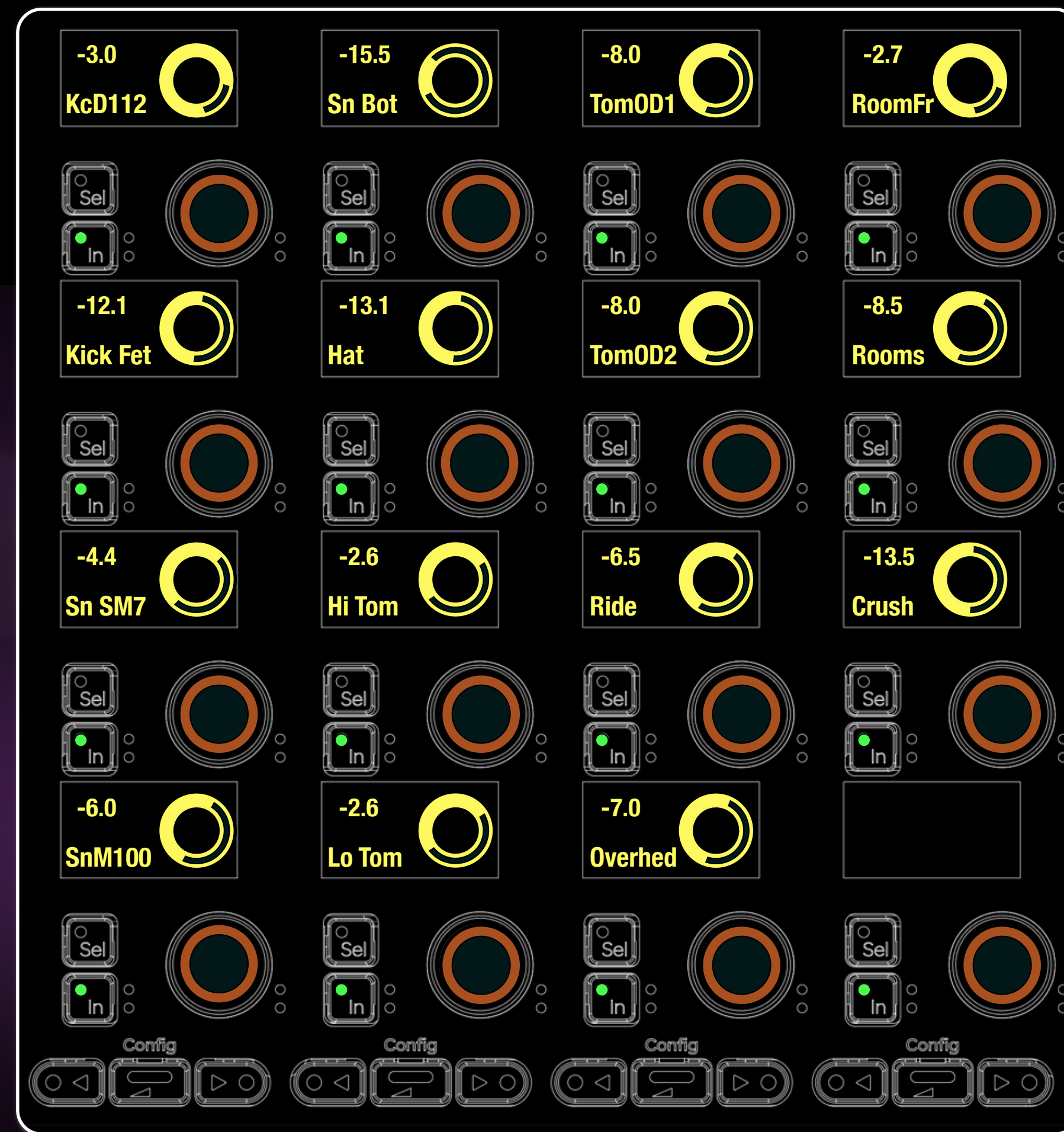
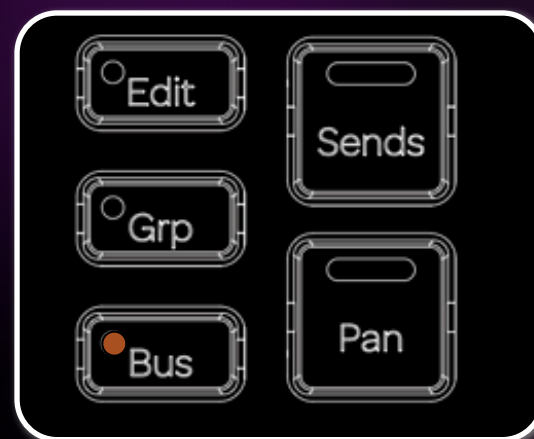
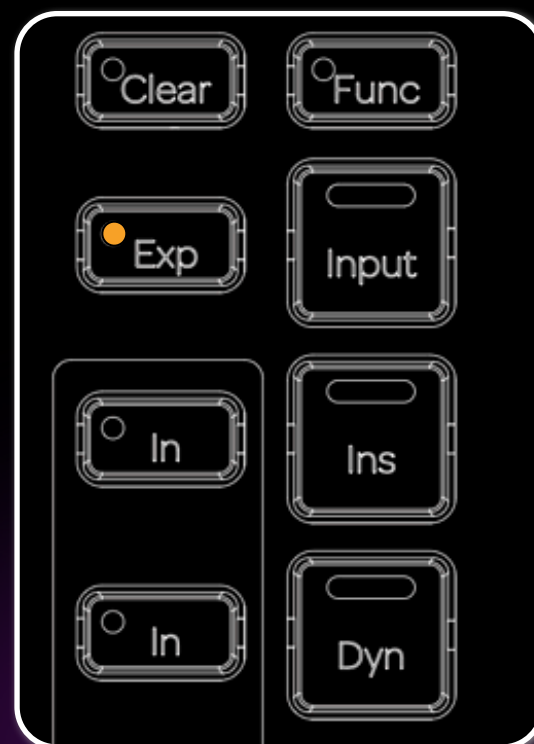
S6

[Return to Index]



Expand: VCA Masters

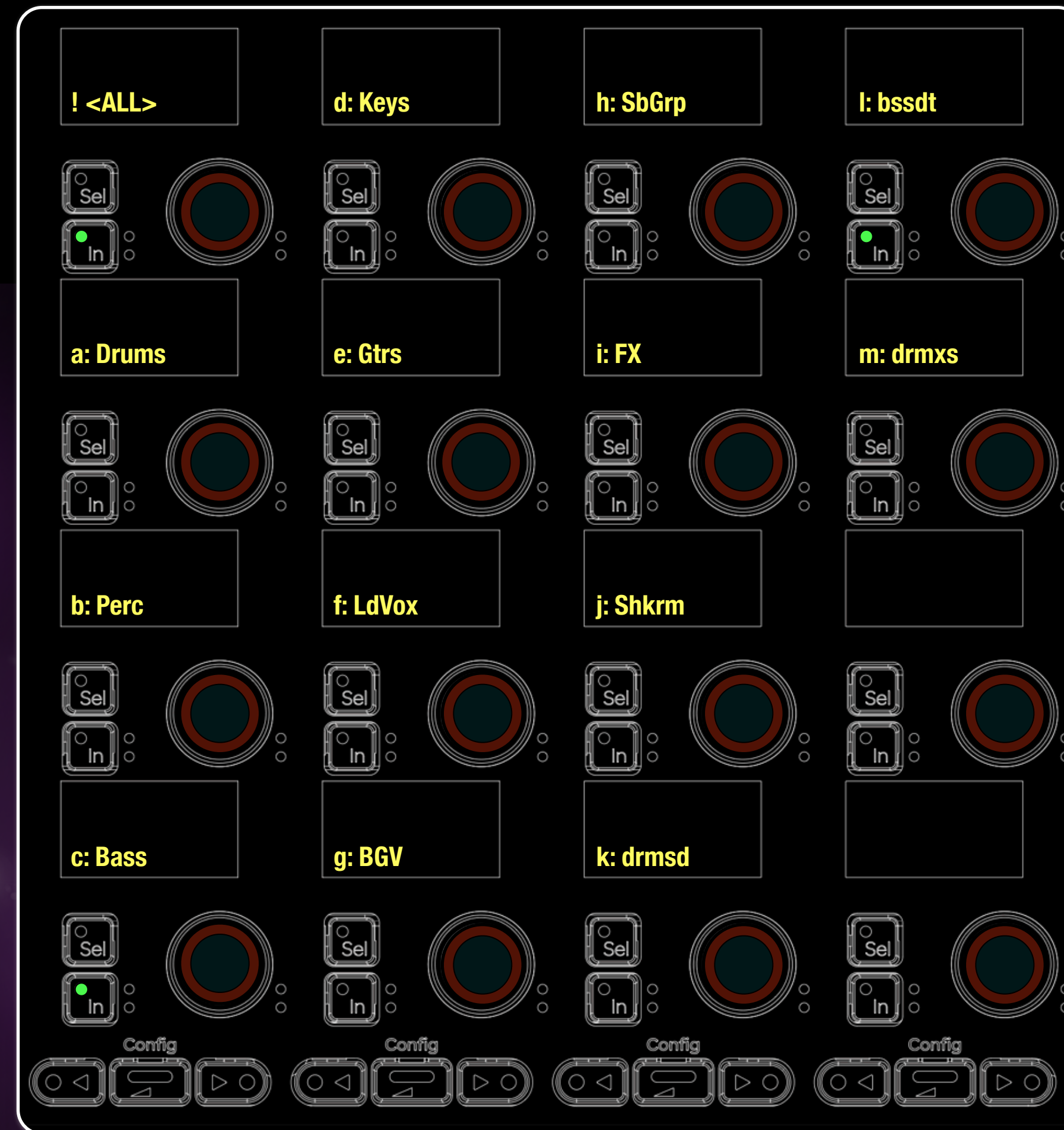
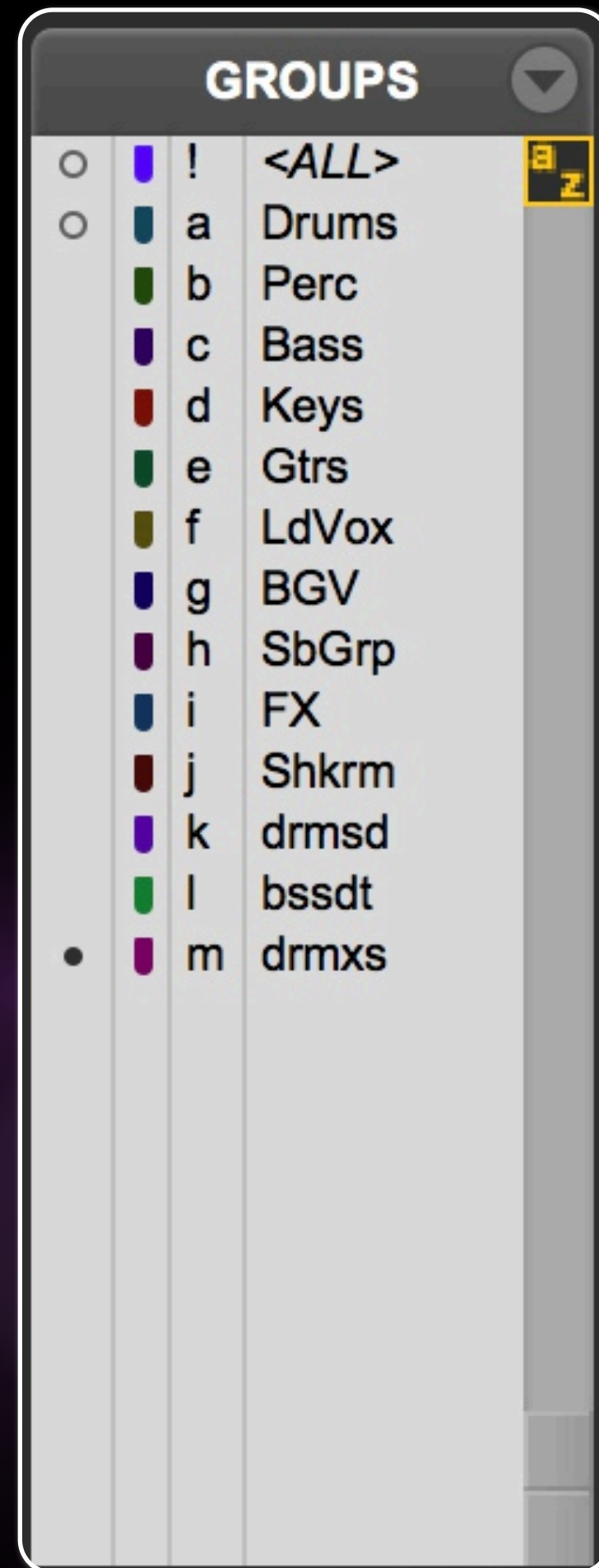
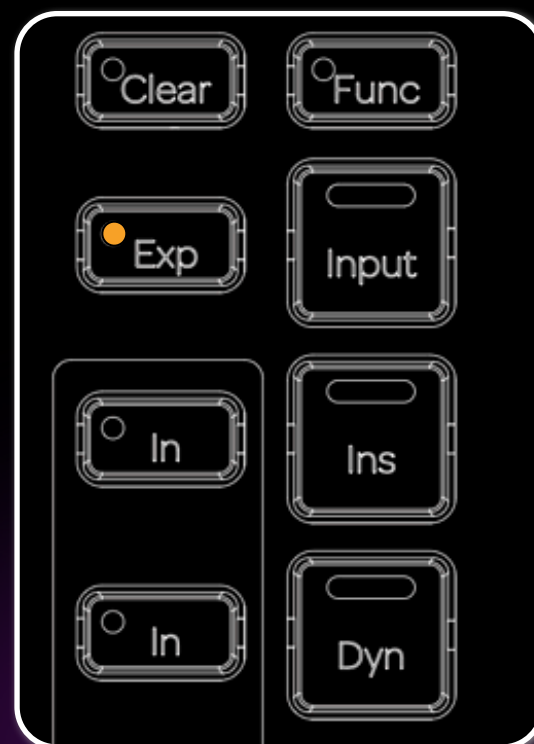
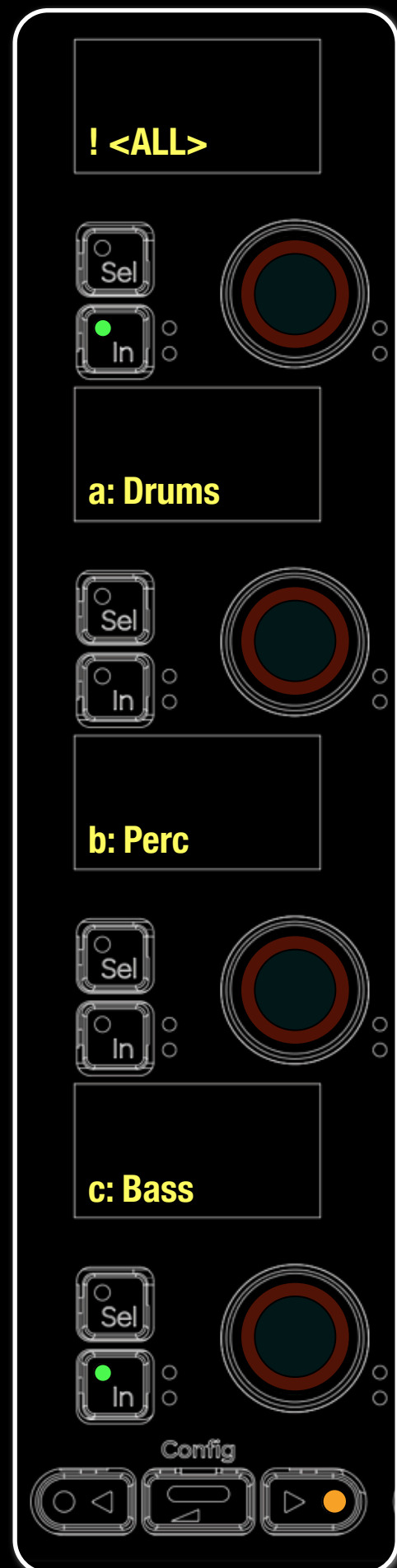
Press **Exp** while in **Bus** View on VCA Channels to **Expand** and populate the local Knob Module with the group Slaves.





Expand: Groups

Press **Exp** while in **Group** View to **Expand** and populate the local Knob Module with all available Groups.





Expand: Inserts

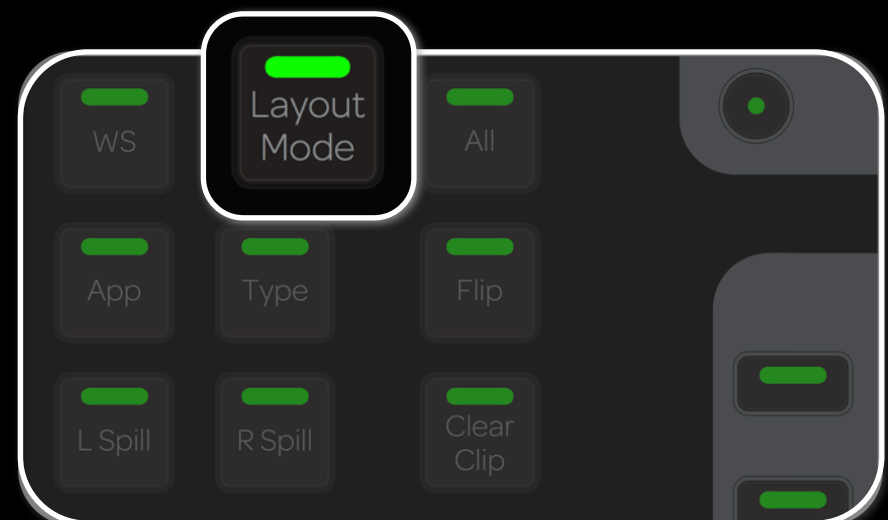
Press **Exp** while in **Inserts** View to **Expand** and populate the local Knob Module with all Parameters for the current Insert.



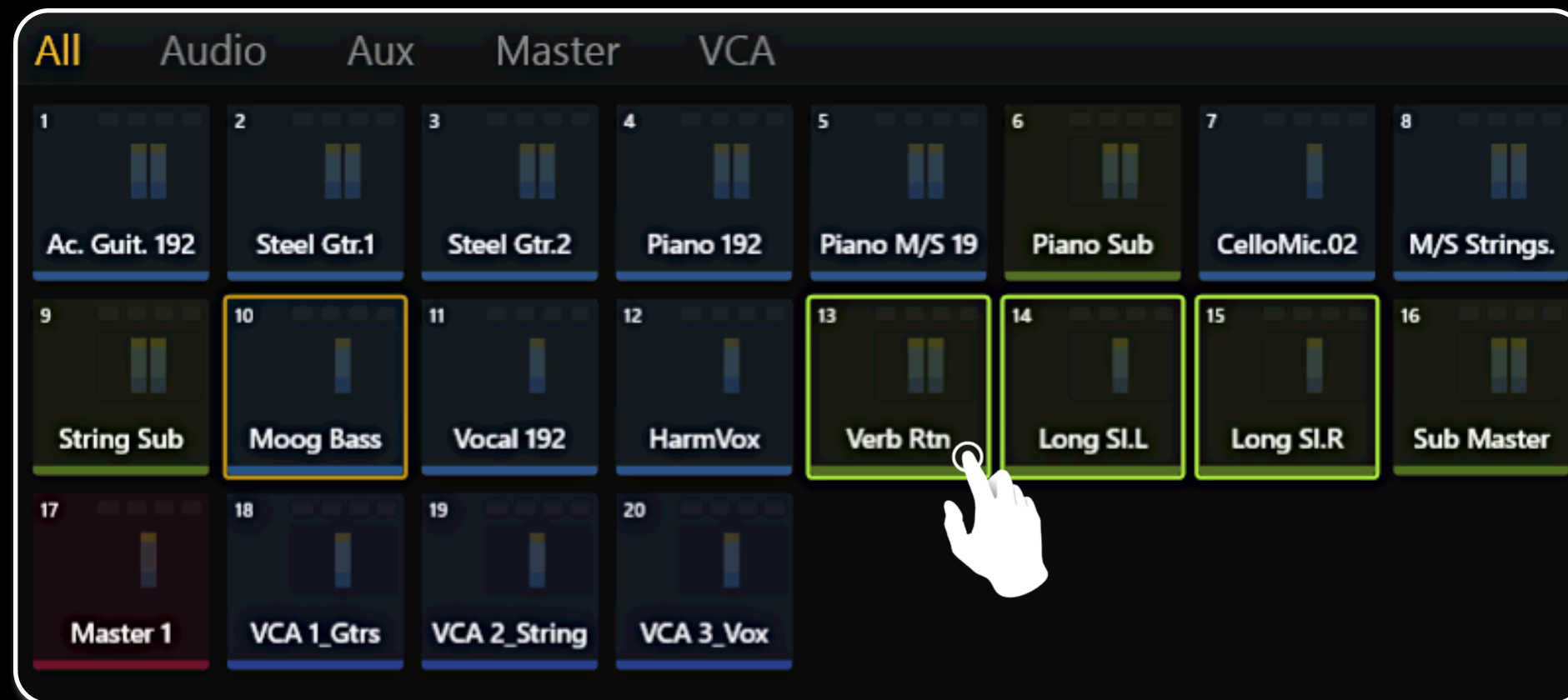
Press **All** + **Exp** to enable Expand Mode for All Channels. Pressing a view mode button on any channel will populate the local Knob Module with the parameters from that channel.



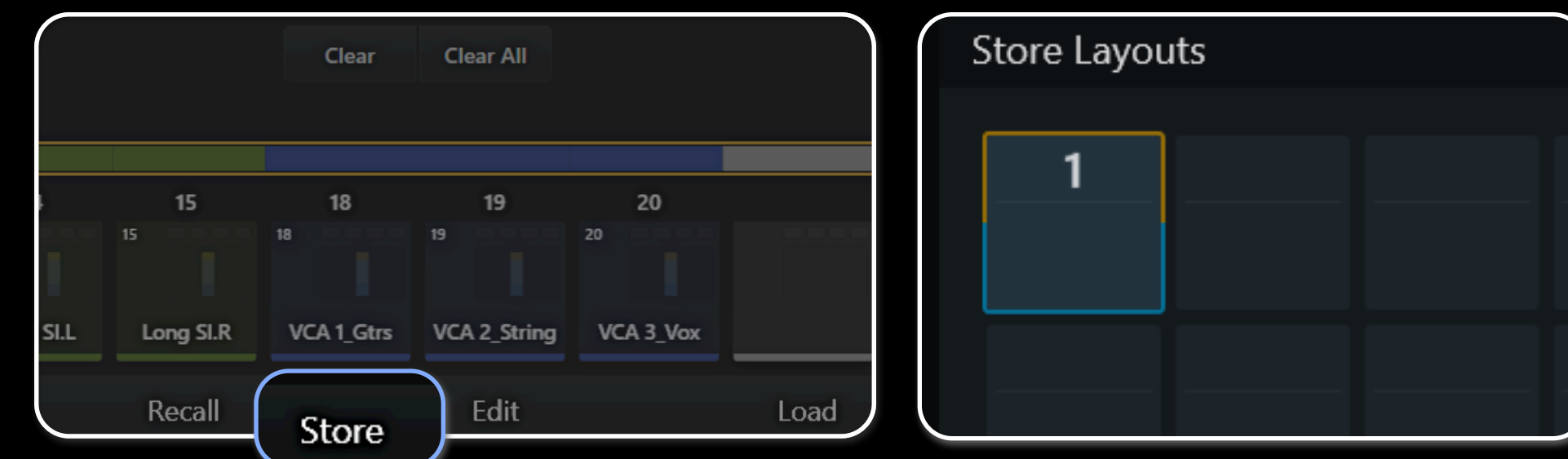
Layouts: Creating



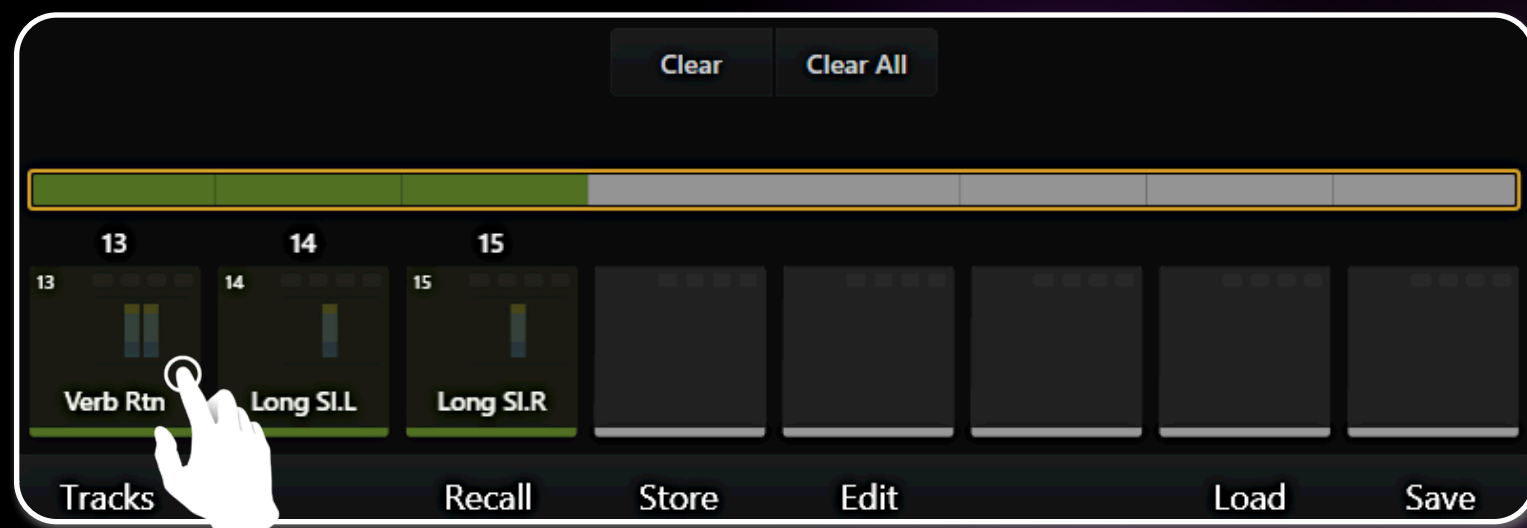
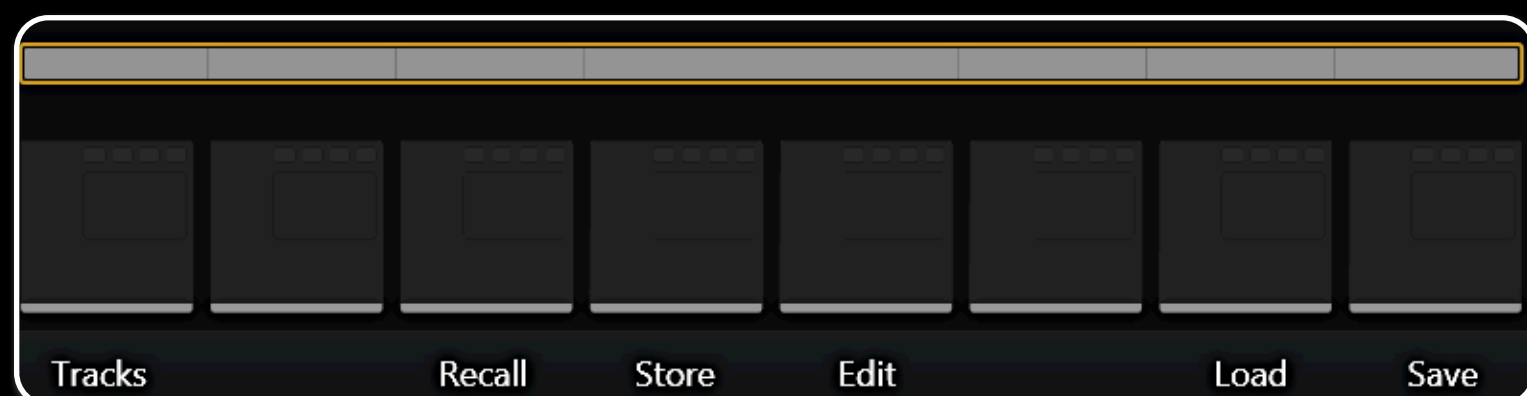
1 Press the **Layout Mode** button to enter Layouts



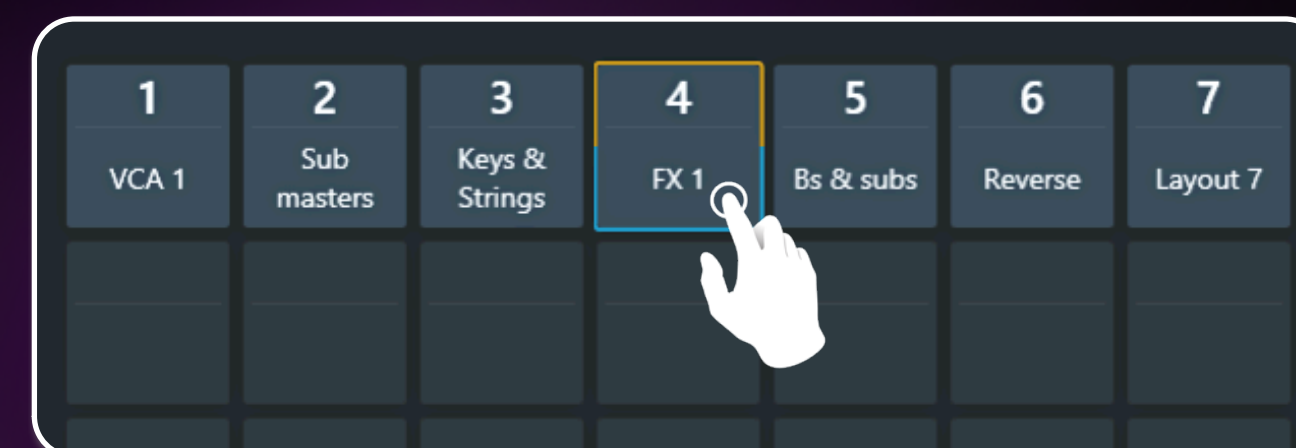
2 Tap to select the track(s) to add to the current Layout. Selected tracks are outlined in Green.



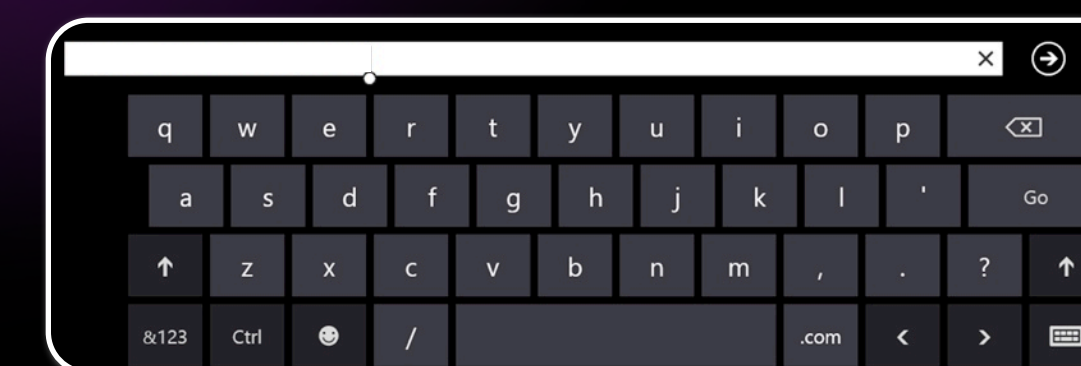
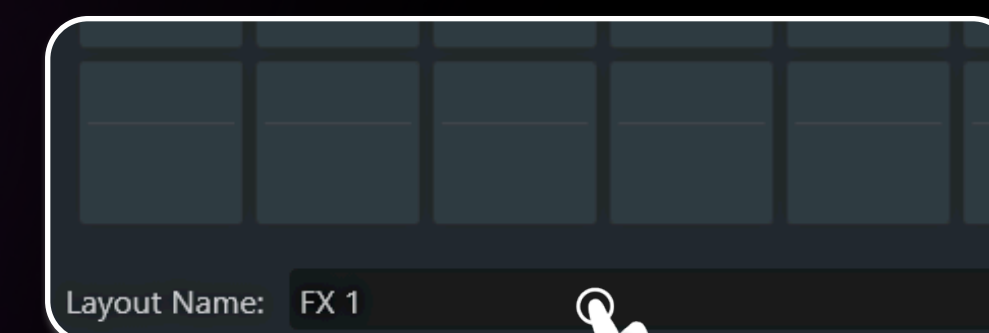
4 Press Store then Tap the layout number to confirm and store the location.



3 Tap the destination block (physical fader location) at the bottom to set the location of the selected tracks. Tracks are Left-Justified from the chosen location. Repeat the process after Focusing tracks from another Workstation or Application.



5 Double Tap the Layout Name field to add or change the name. The on-screen keyboard will appear for typing.

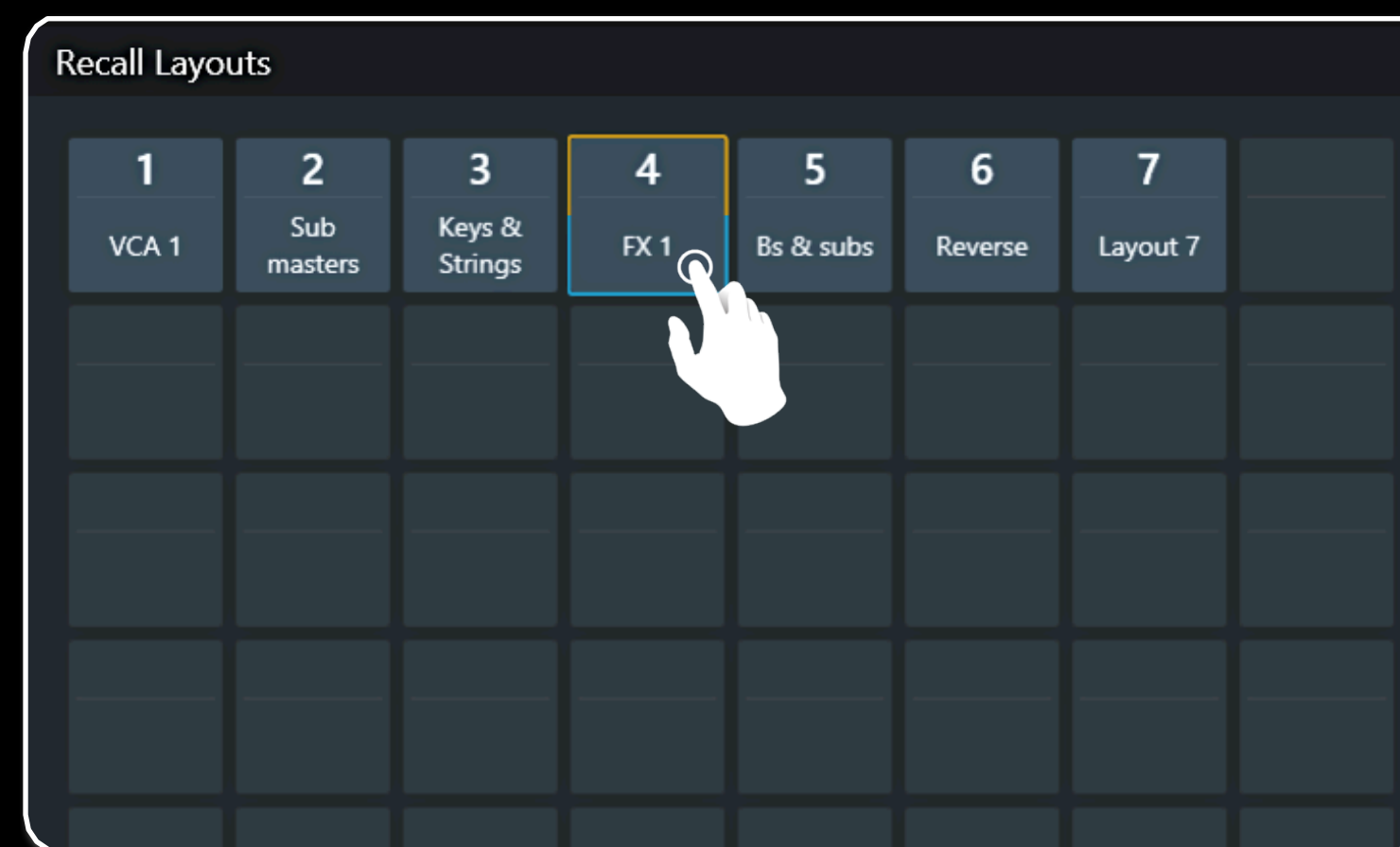




Layouts: Recalling



Press **Shift** + **Layout Mode** to access the Recall Grid.



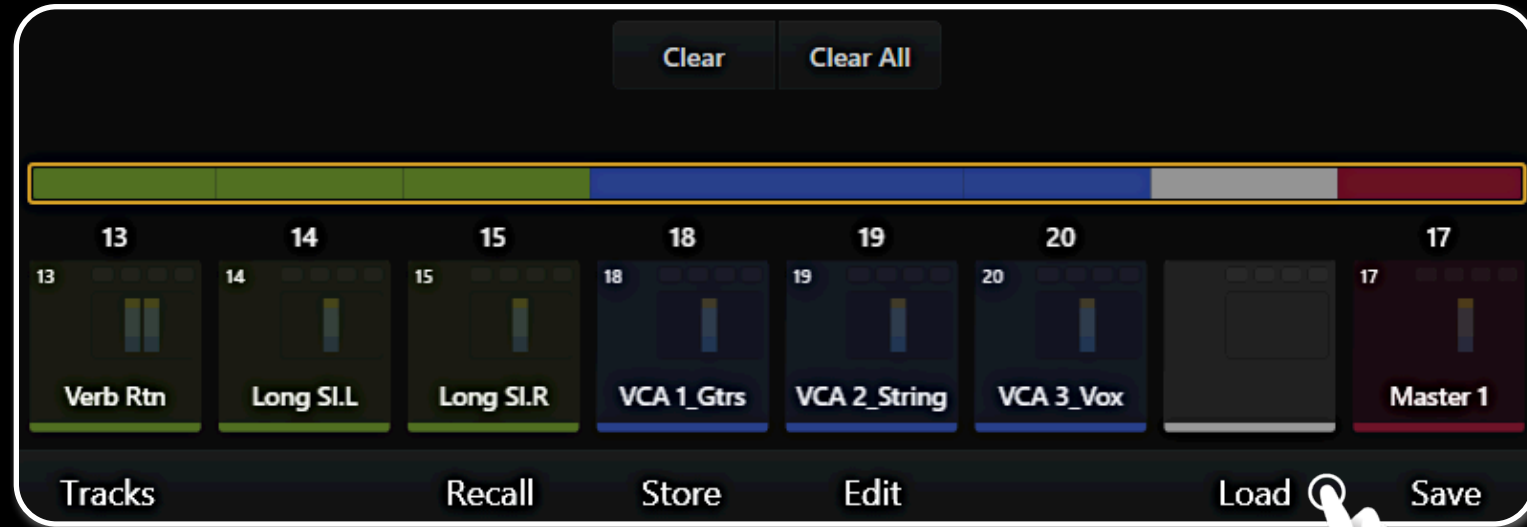
Tap a Layout from the Grid to recall and populate the channelstrips with the saved fader arrangement.

Up to 96 layouts can be stored and accessed from the Master Module. Layouts can contain empty tracks, duplicated tracks or even tracks from multiple Workstations or Applications.



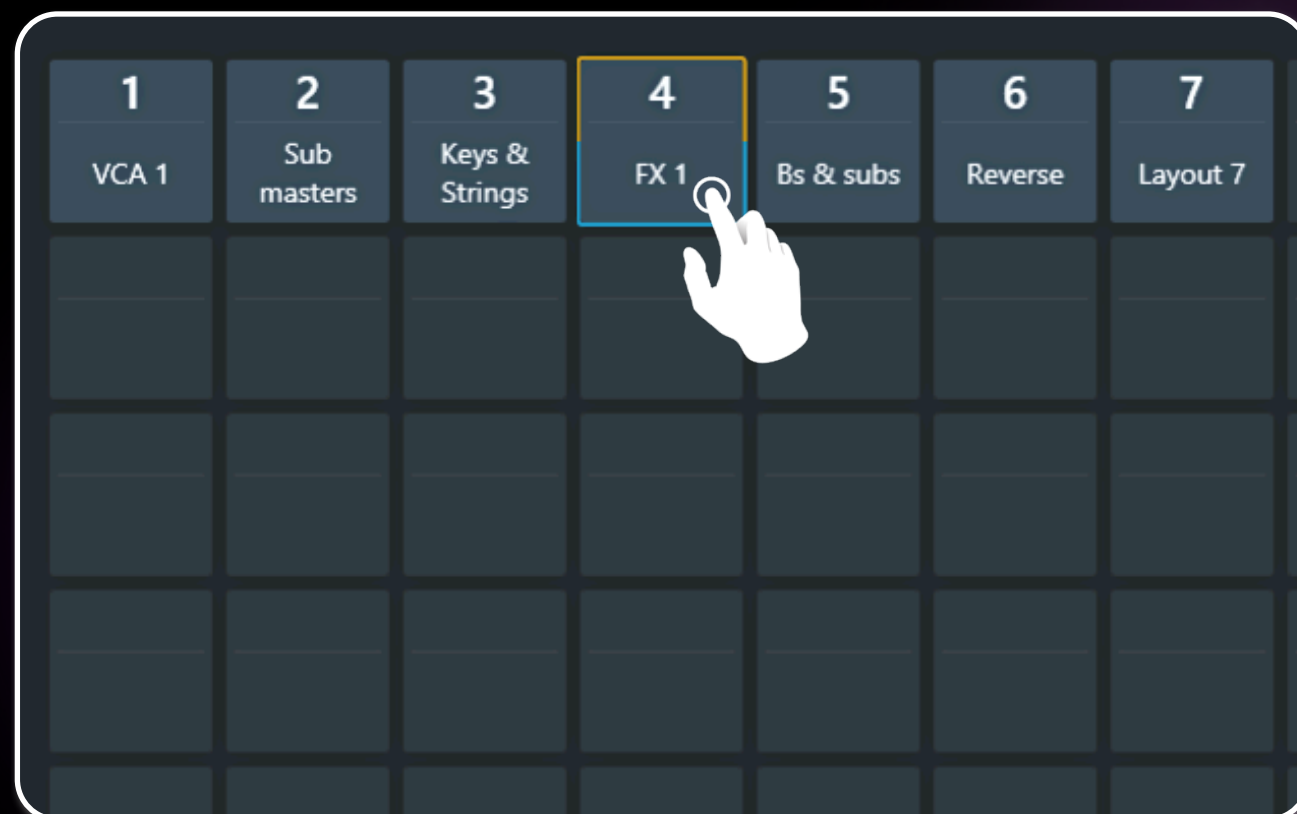


Layouts: Editing

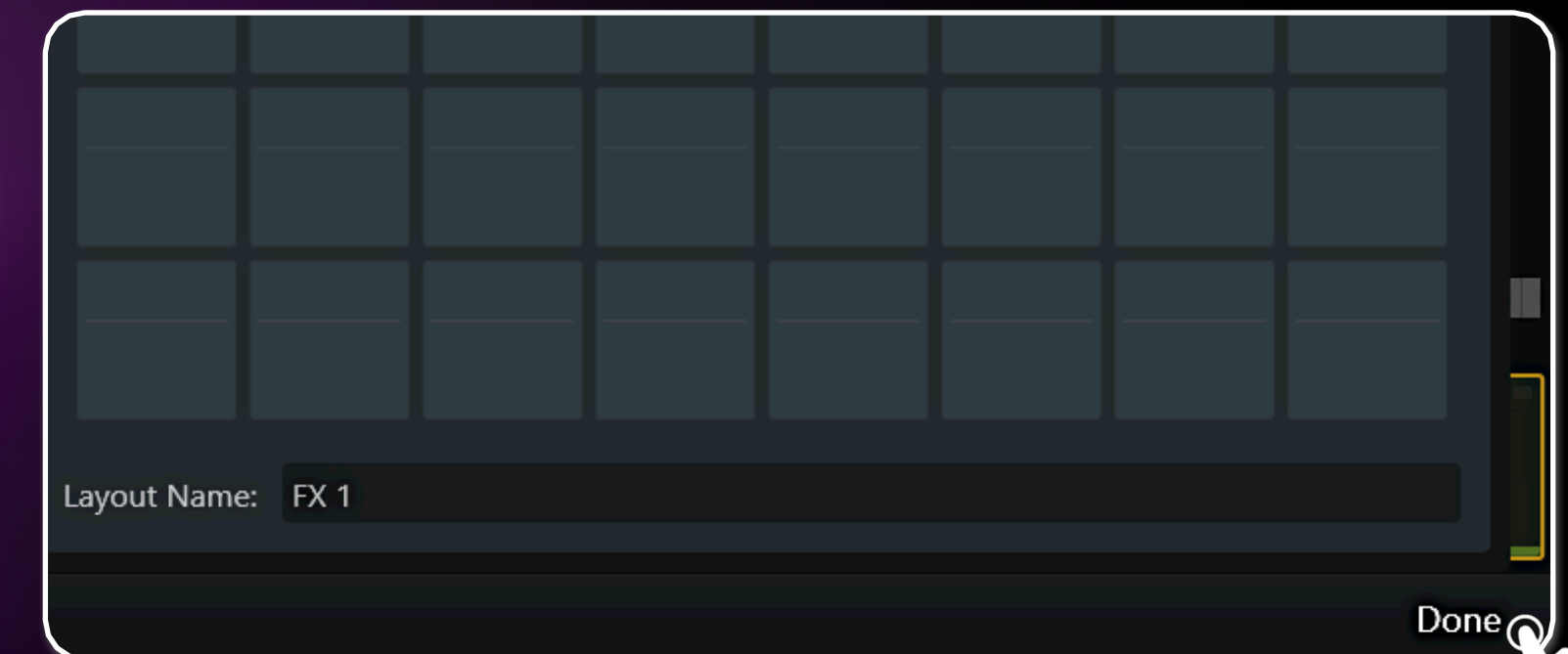


Layouts can be saved or loaded from disk to access for a specific session or to send to another system.

When Saving or Loading Layouts all are saved within a Layout Set. They can not be saved individually.



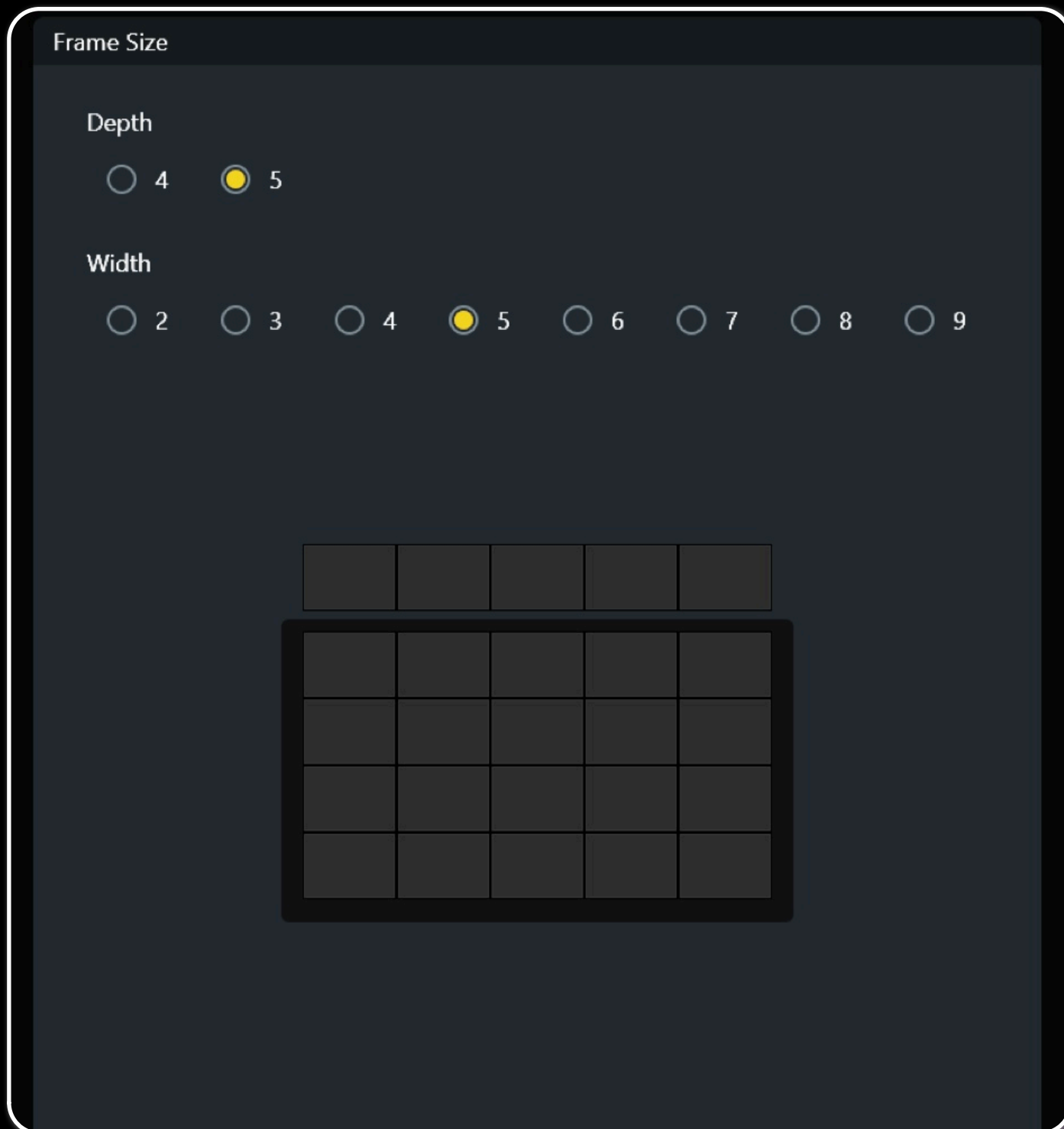
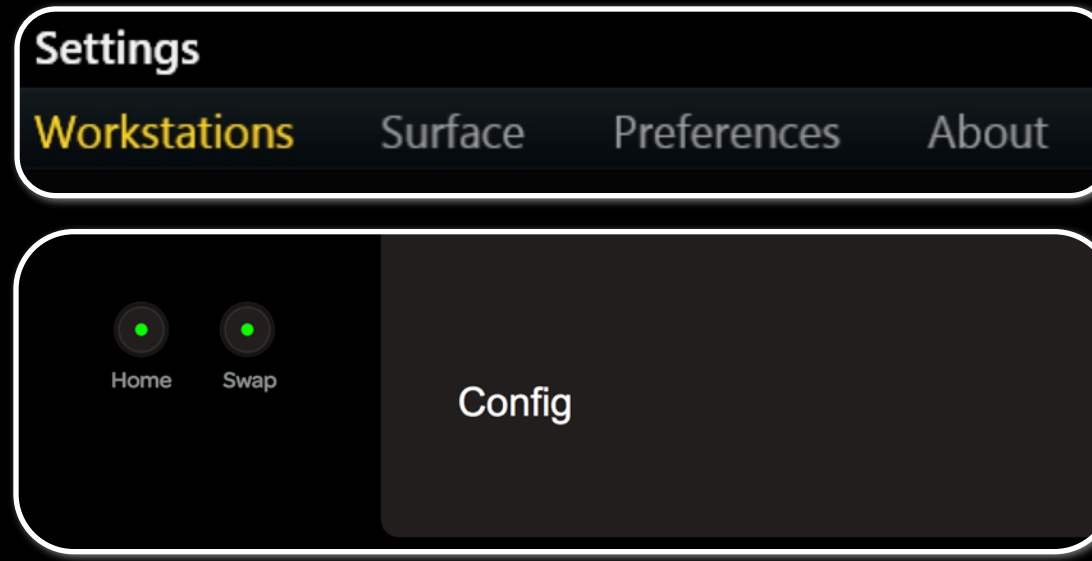
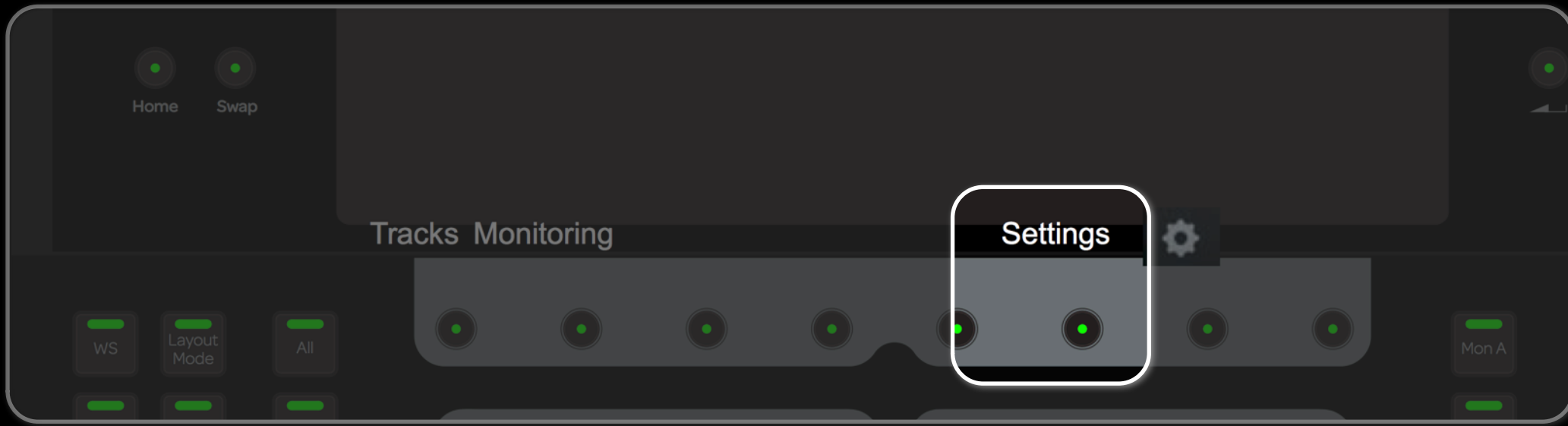
To re-arrange a Layout, Drag any blocks to a new location. To delete a Layout simply drag it off of the grid.



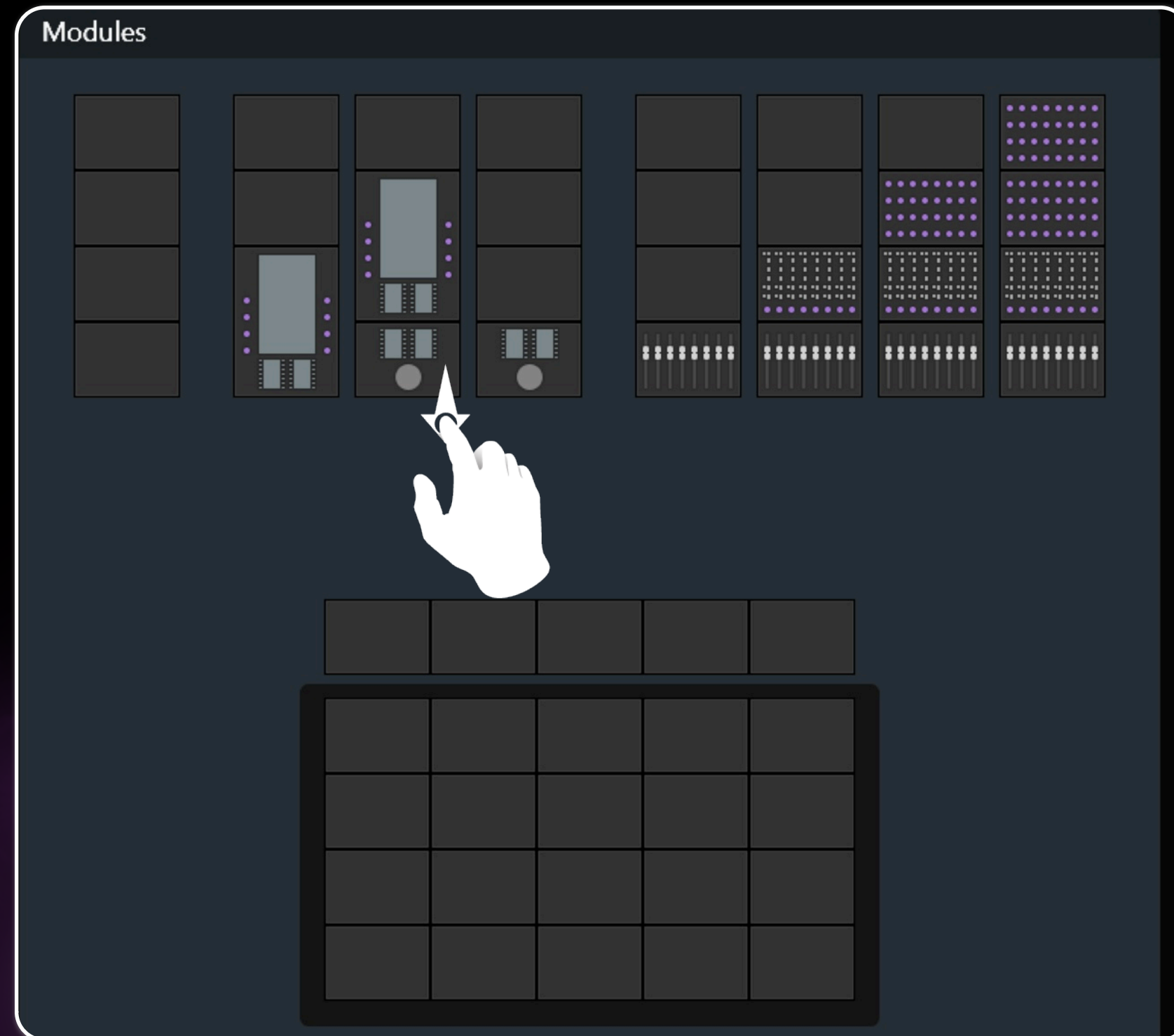
Tap **Done** to exit the Layouts Grid.



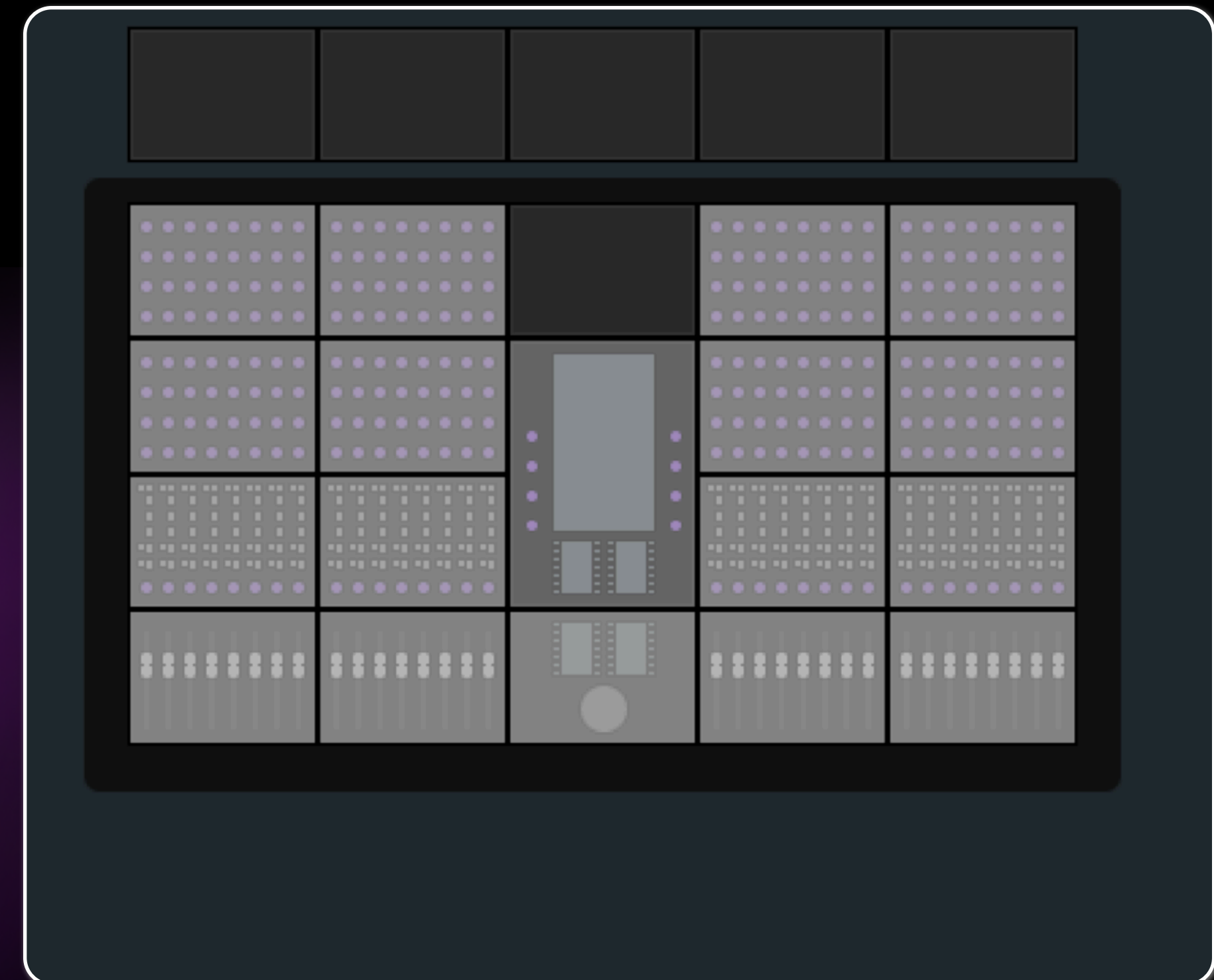
Console Setup 1/2



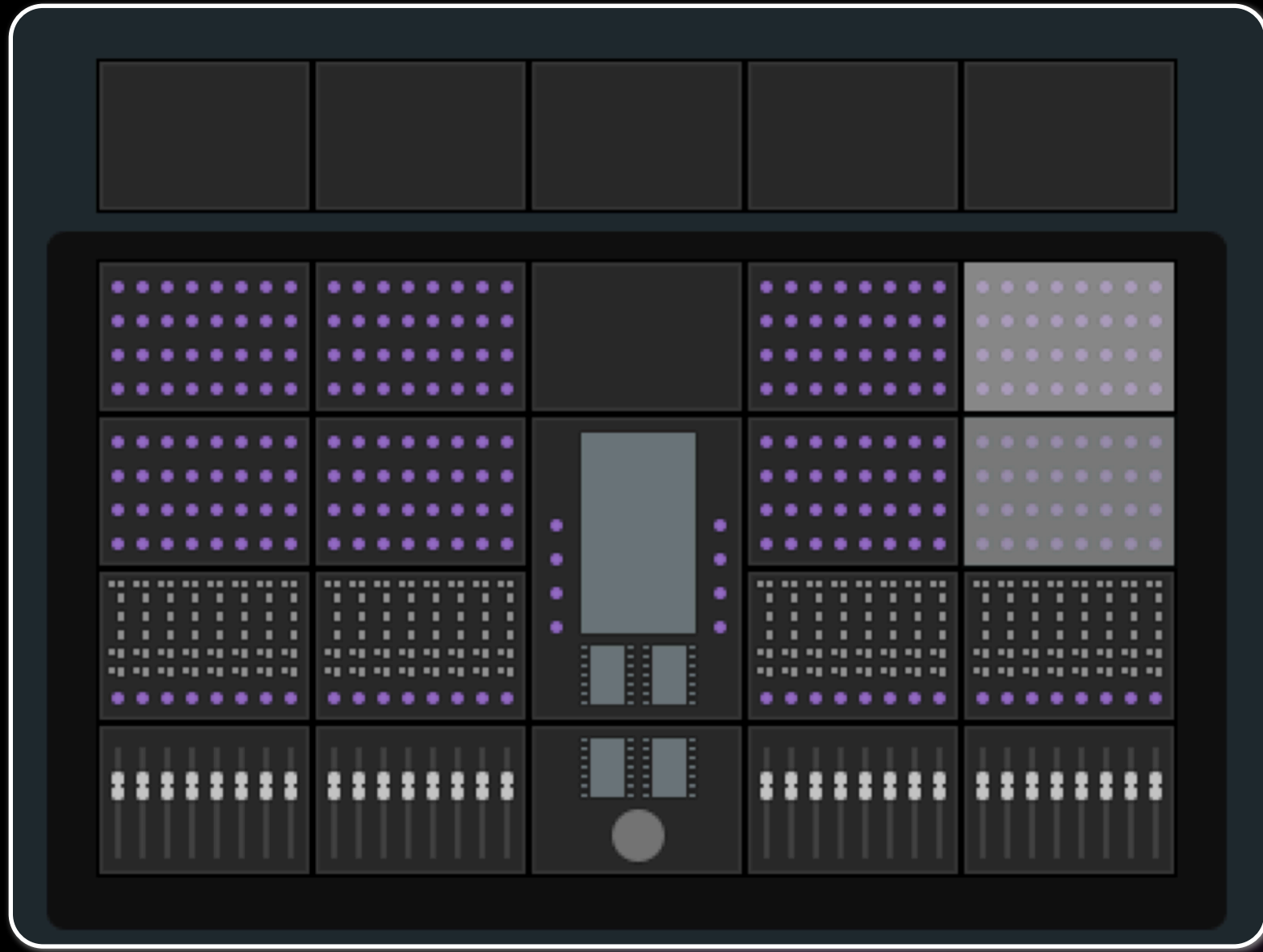
Select the Frame Depth & Width of your console



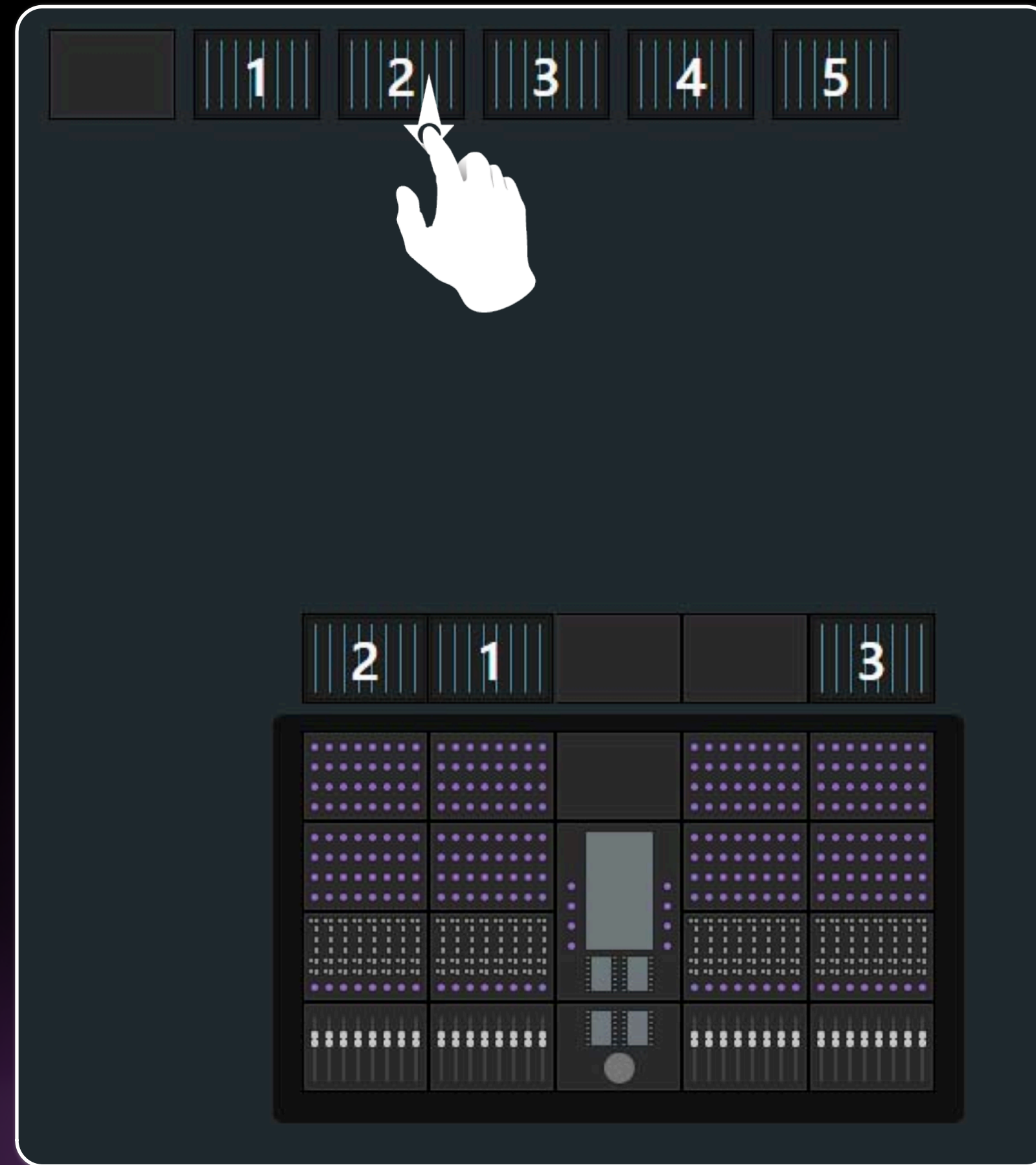
Drag the modules down to the empty frame to match your configuration



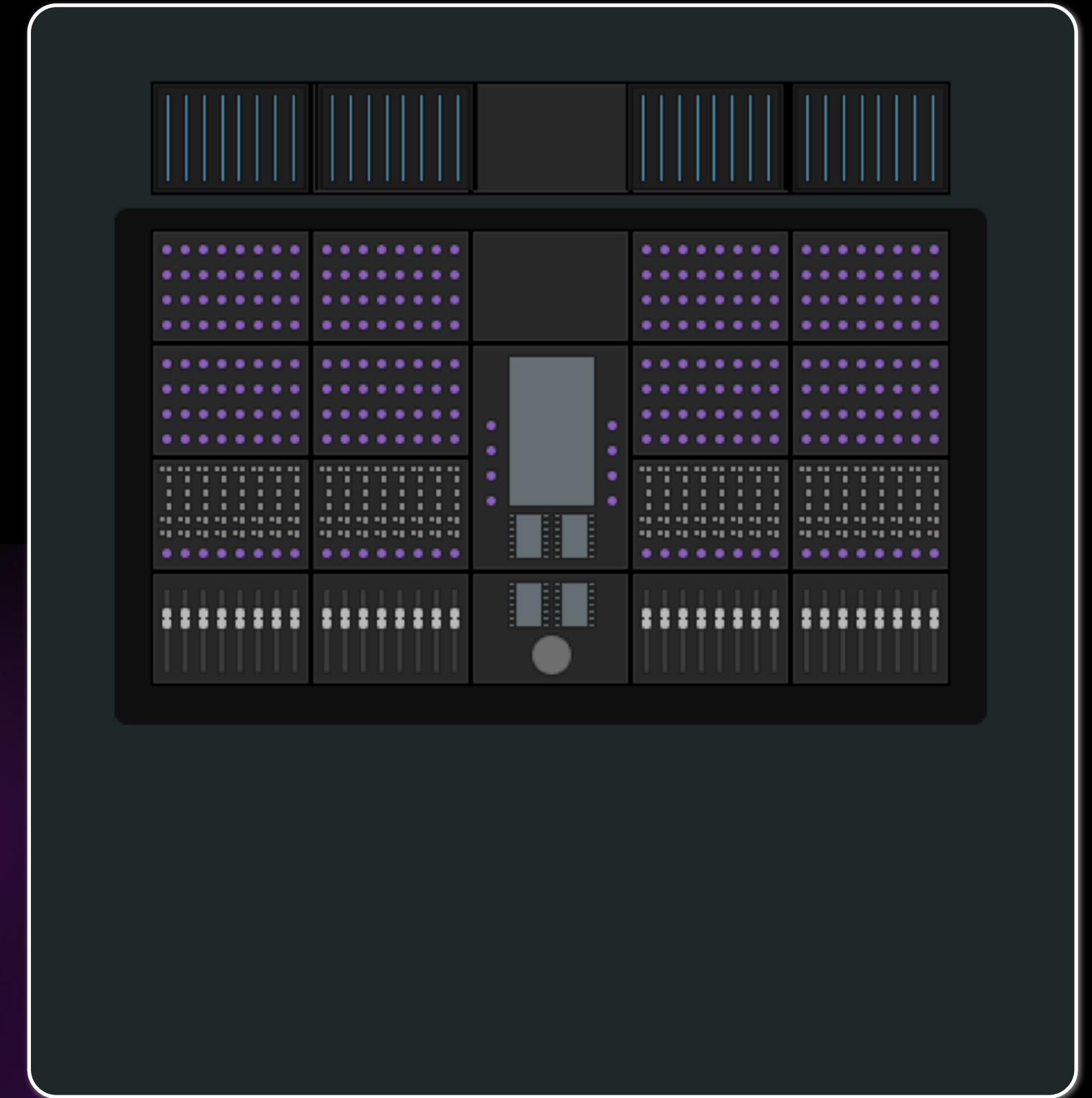
Drag a blank from above to remove a module from your configuration



Confirm the location of the flashing module by touching any control on it. Repeat this process for all the additional modules in order



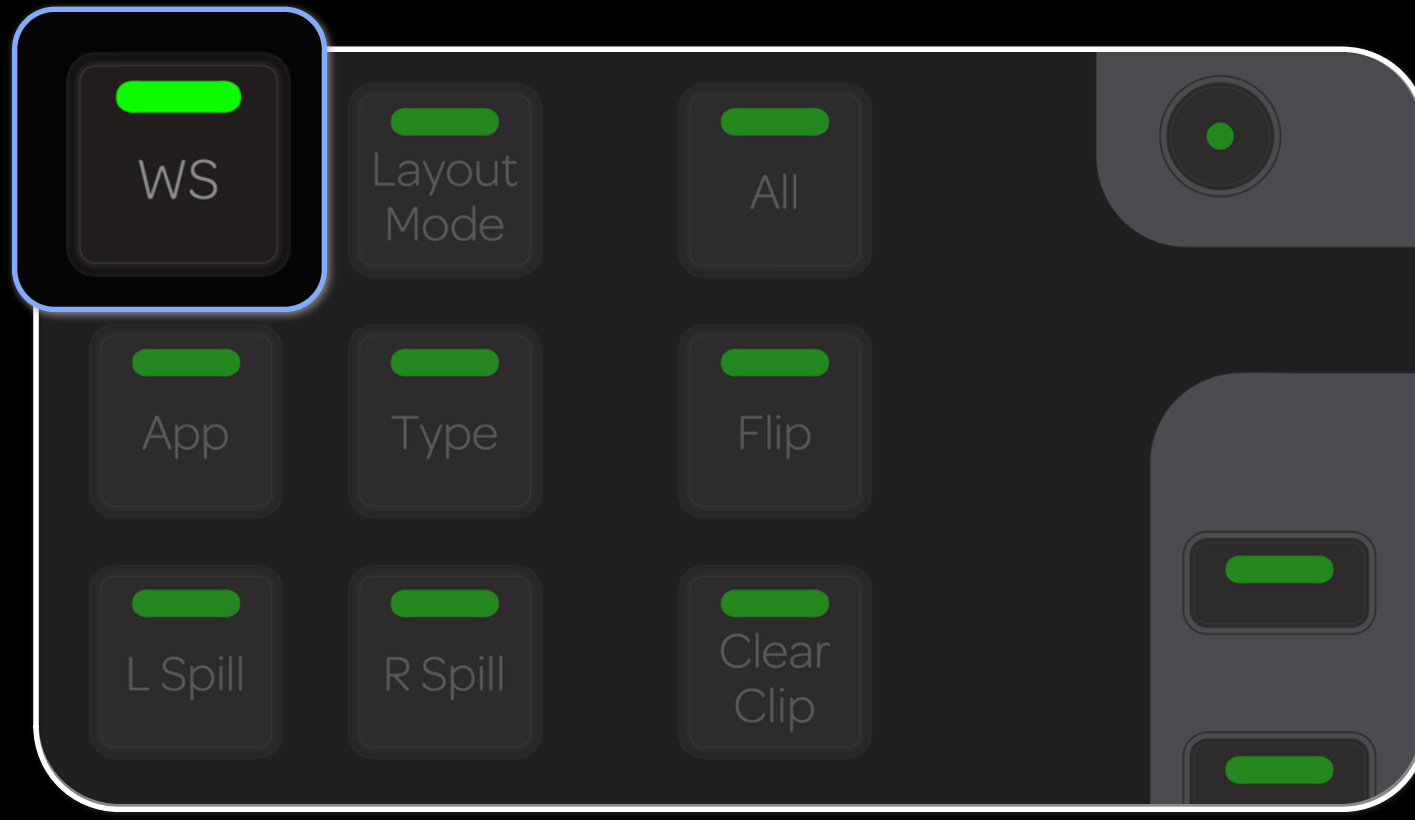
Drag the numbered display modules down to the matching frame location



Press Done to accept the configuration and complete the process



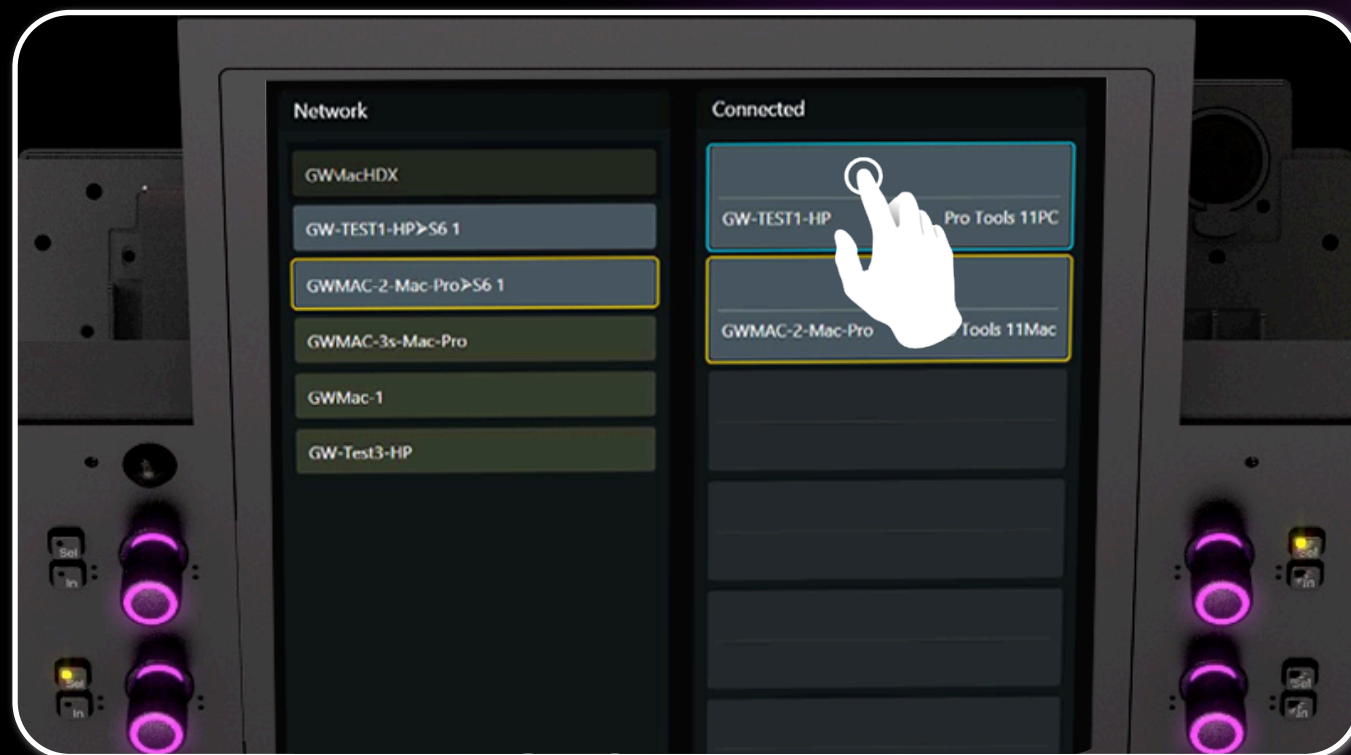
Workstations



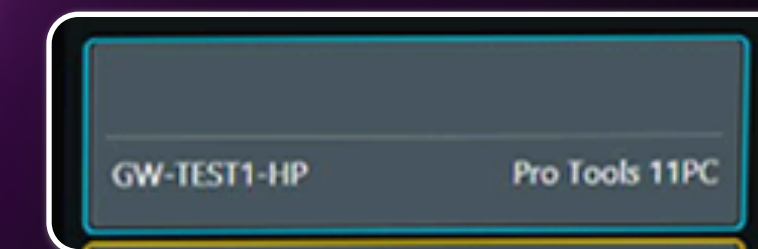
Press **WS** from the Master Module to access the Workstations Page.



Drag a Workstation from the list of Network machines to the Connected list.



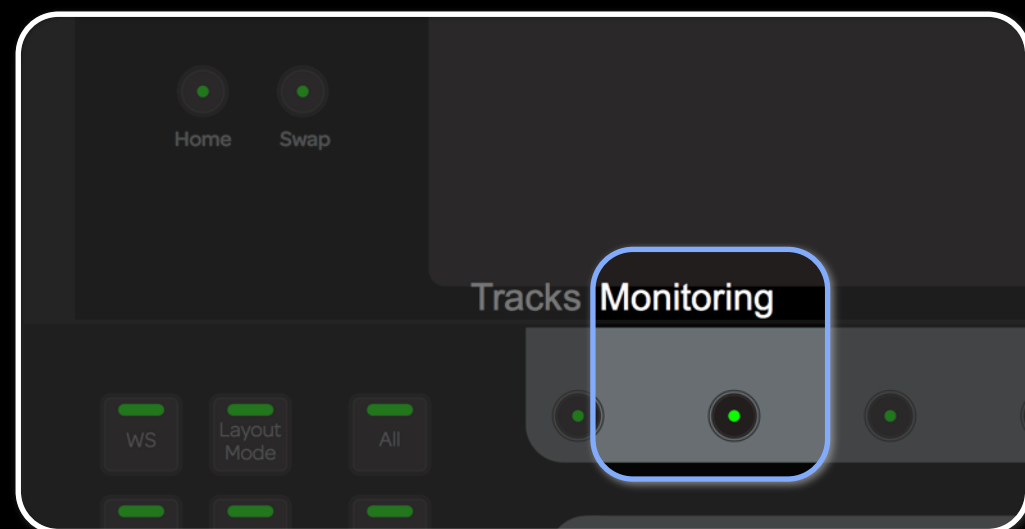
Double Tap the top of the Connected Workstation to Rename it.



When switching between multiple Workstations, the **Attentioned** Workstation is indicated in Blue.

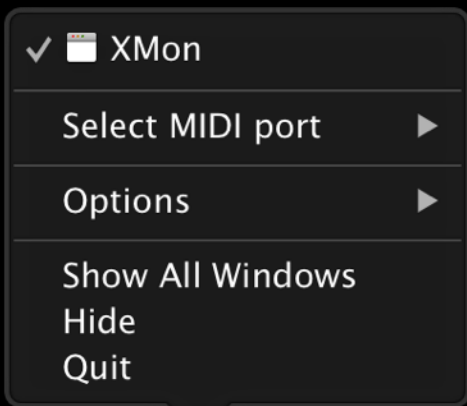


Monitor Window

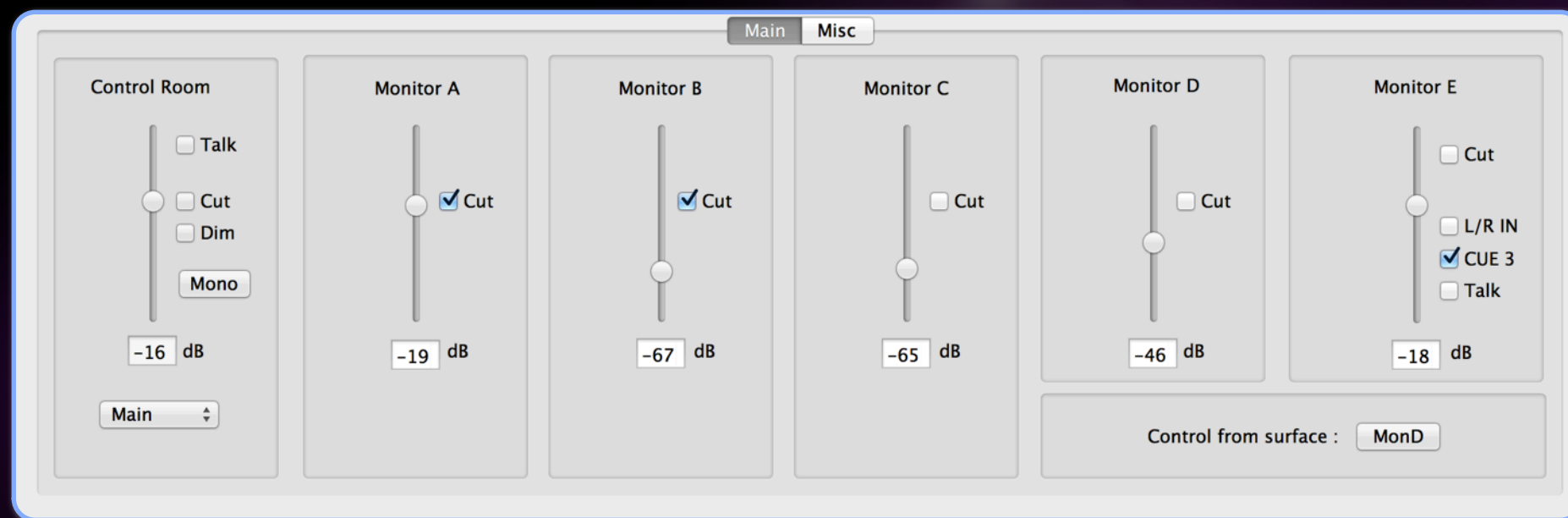


Touch **Monitoring** to access the Monitor Control Window.

XMON App



Click and hold on XMON App to assign the MIDI Port.

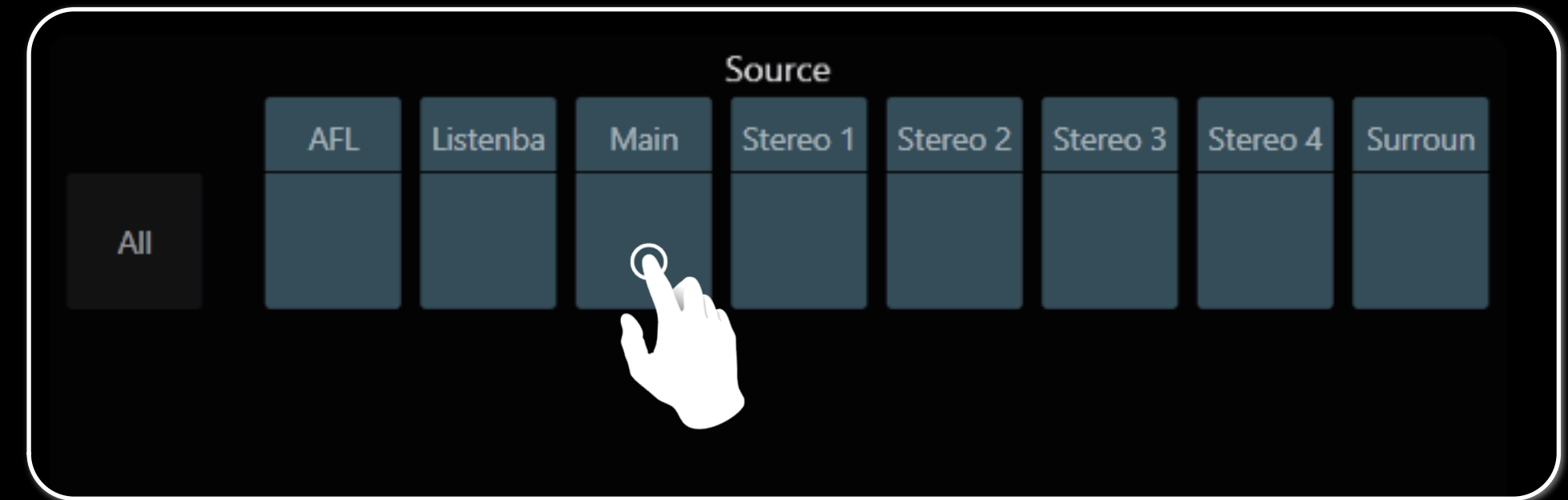


The XMON App enables communication between the S6 Surface and the XMON Monitoring Interface.

Control Room 1/3

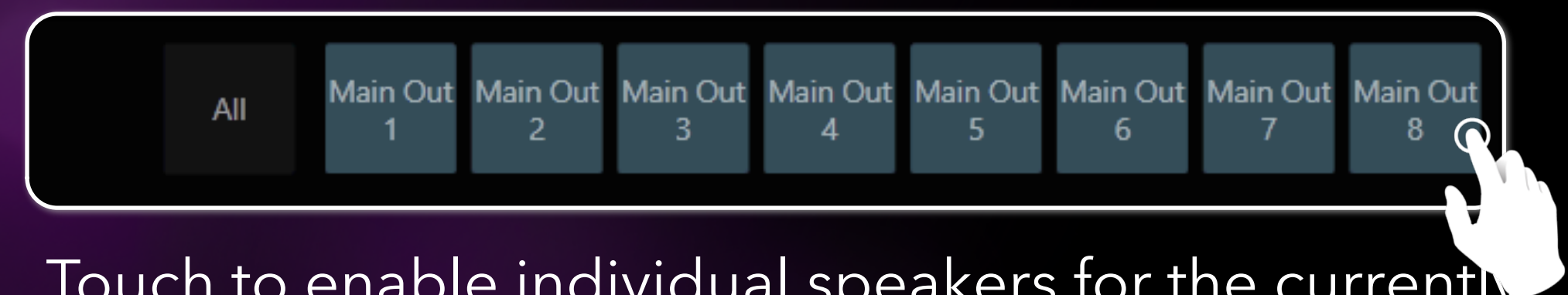


Control Room Sources



Touch to enable any of the Control Room Sources. Touch **All** to enable All Sources.

Speaker Enables



Touch to enable individual speakers for the currently selected control room source. Main is currently shown. Touch **All** to enable all speakers for Main.



Monitor Window

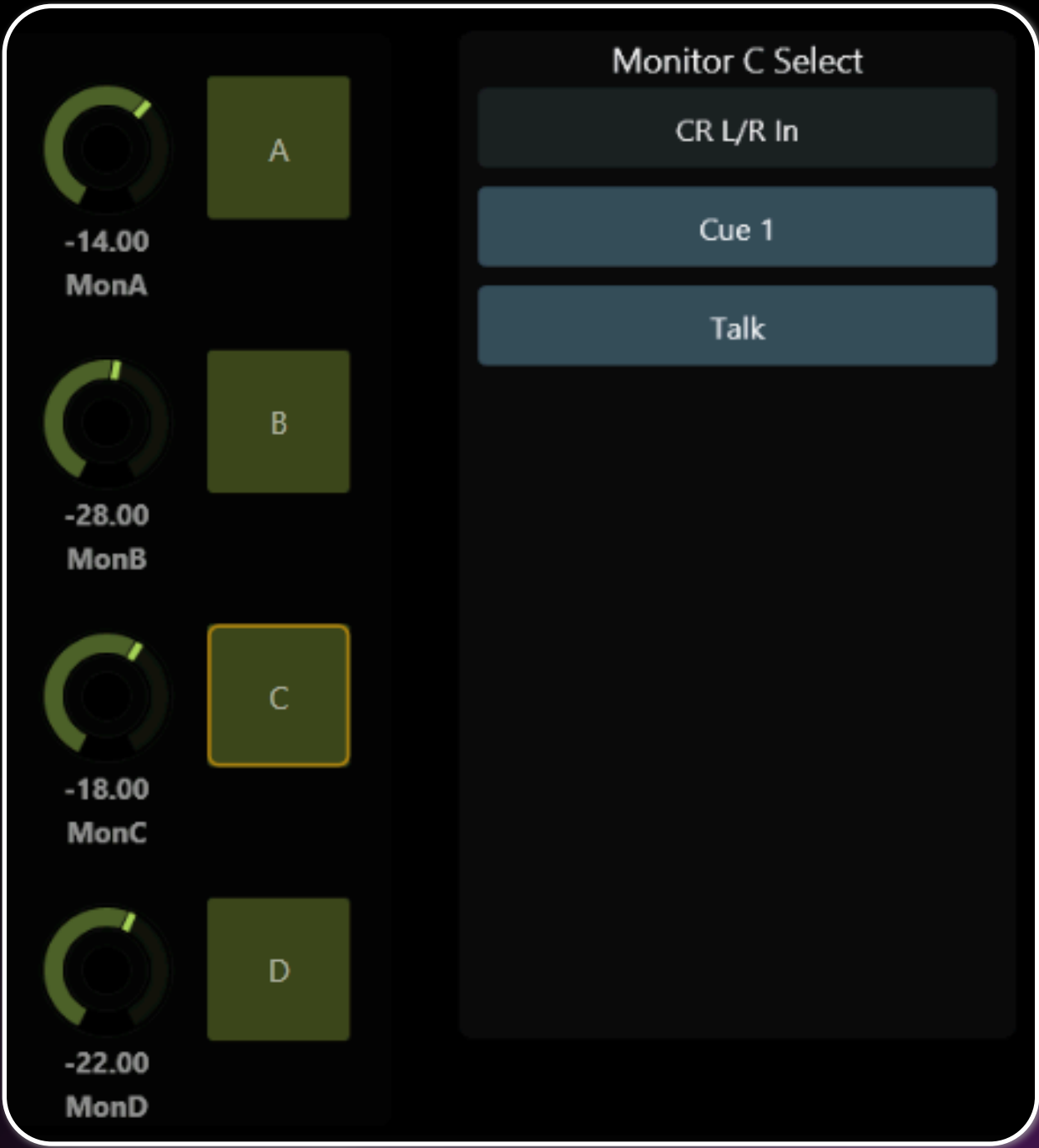


Headphones

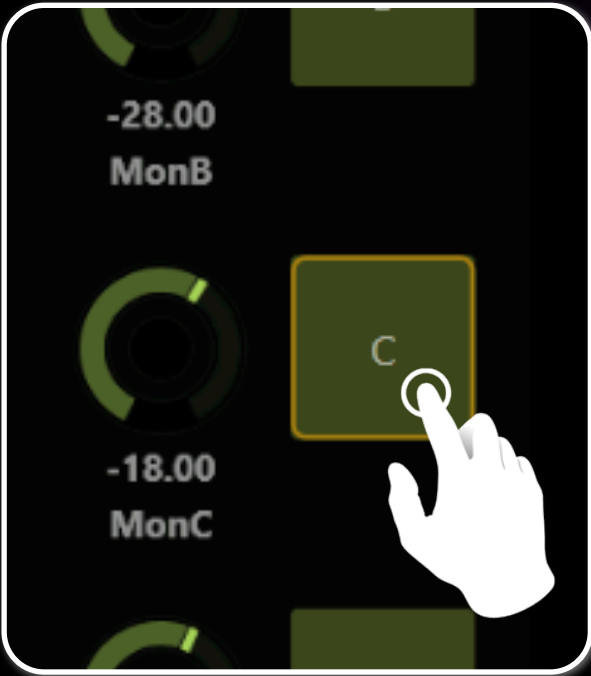
Studio
Loudspeakers

CUE 1

CUE 2

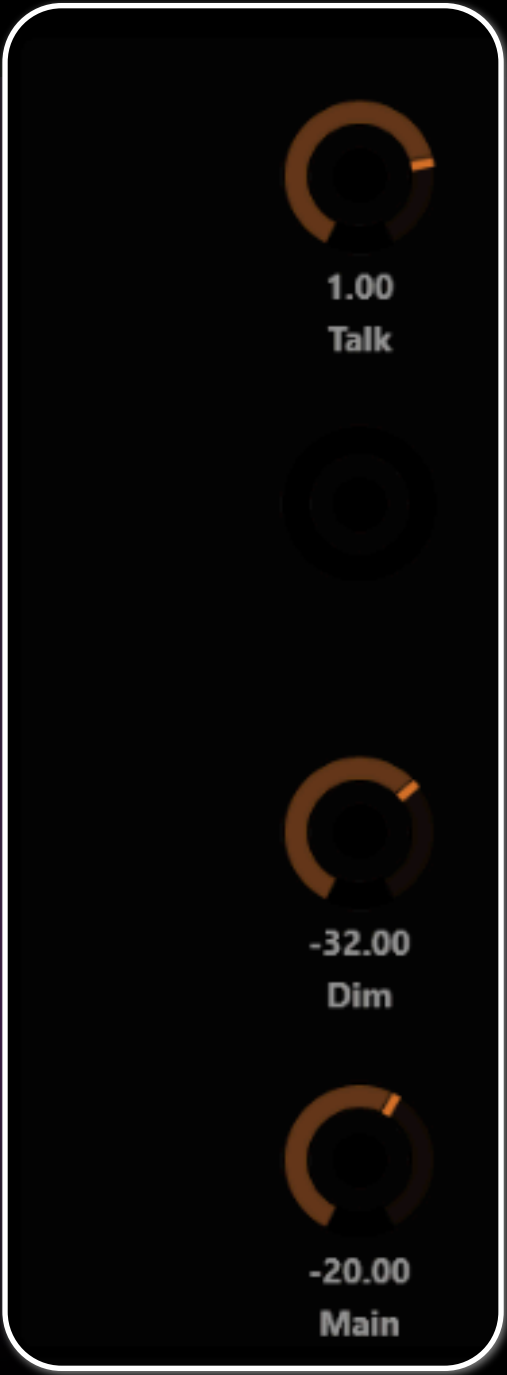


Studio Communication controls. Select sources and set levels for headphones, cues and studio loudspeakers.



Touch the letter for the Monitor Source to be assigned then select the Input Sources to feed the chosen monitor.

Output level controls
for Talkback, Dim Value
and the Main Control
Room

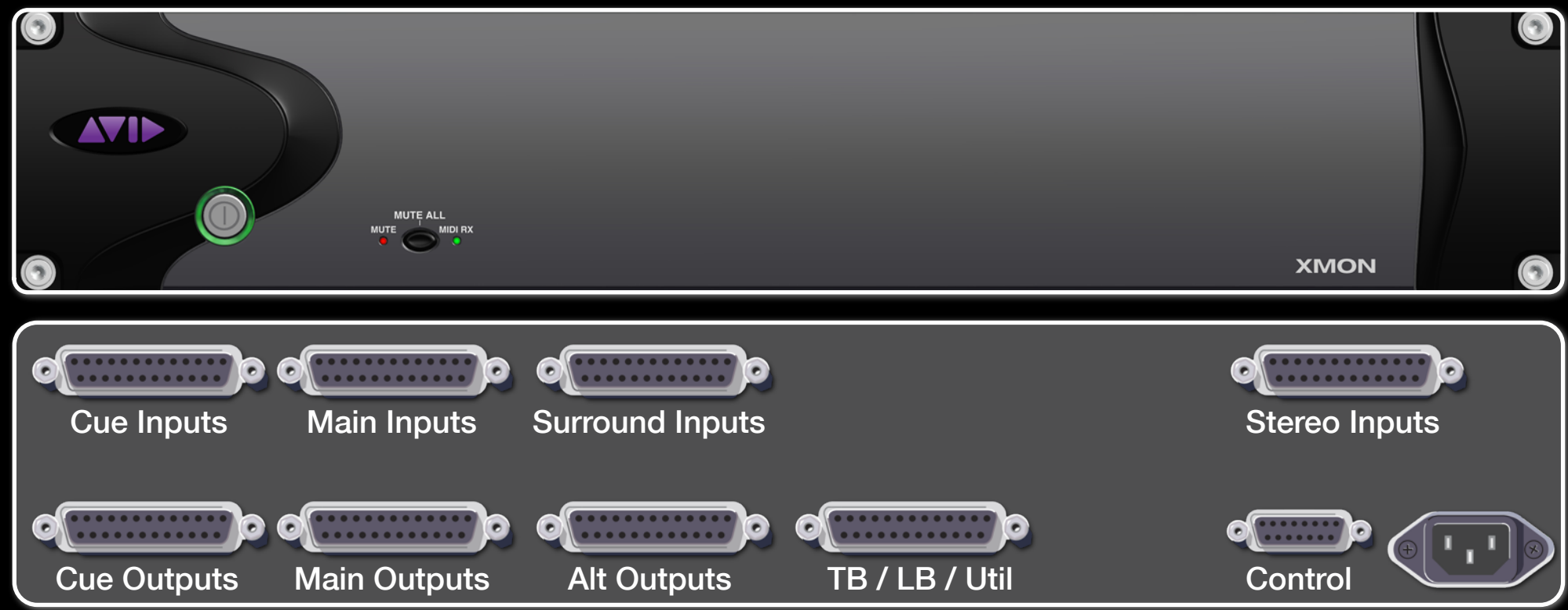
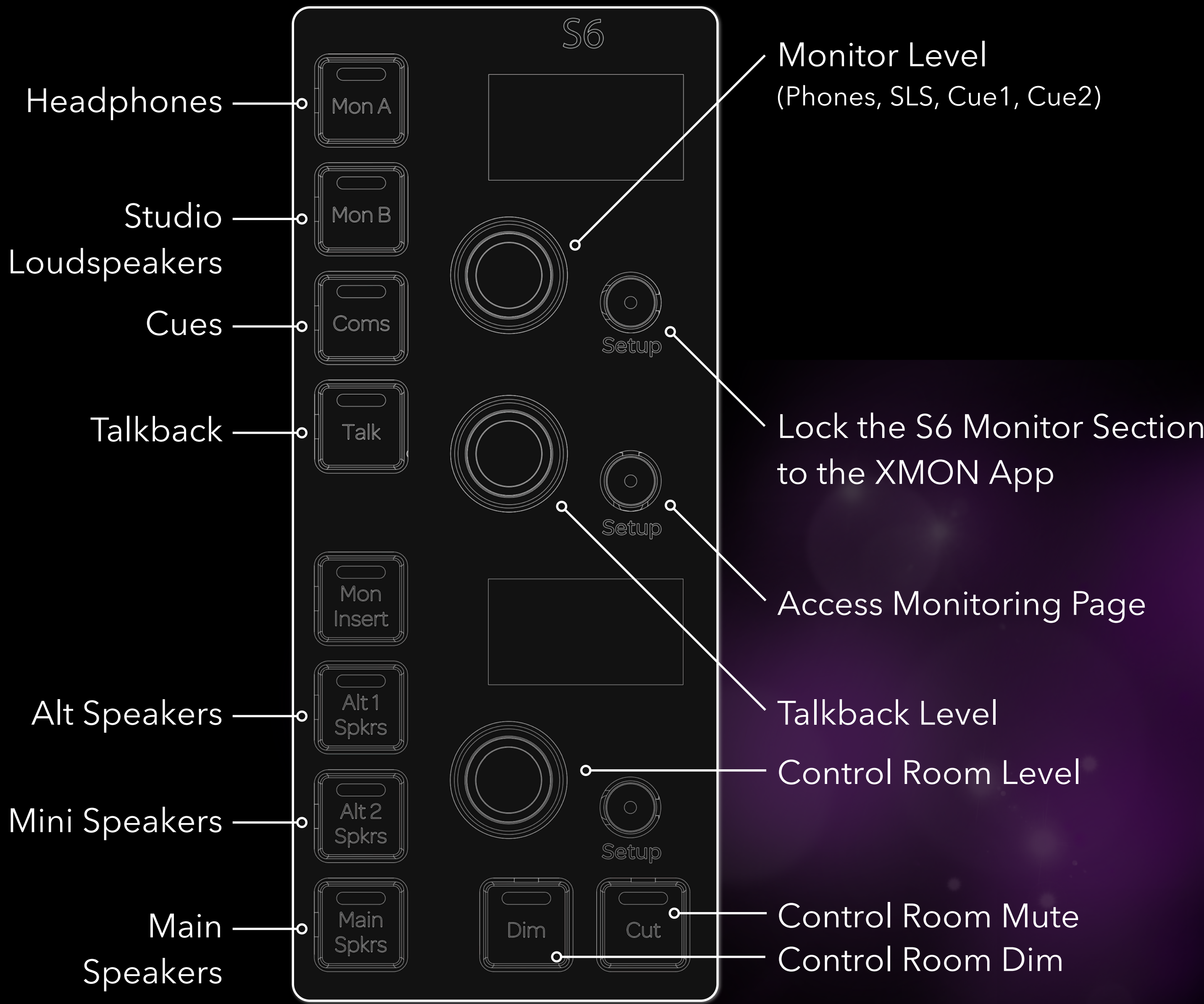


Talkback Level

Dim Level

Control Room Level





- 1 STUDIO LOUDSPEAKERS OUT (L)
- 2 STUDIO LOUDSPEAKERS OUT (R)
- 3 CUE OUTPUT 1 (L)
- 4 CUE OUTPUT 1 (R)
- 5 CUE OUTPUT 2 (L)
- 6 CUE OUTPUT 2 (R)
- 7 CUE OUTPUT 3 (L)
- 8 CUE OUTPUT 3 (R)
- 1 EXTERNAL TALKBACK MIC
- 2 LISTEN MIC 1 INPUT
- 3 LISTEN MIC 2 INPUT
- 4 AFL/PFL INPUT 1
- 5 AFL/PFL INPUT 2
- 6 MINI SPEAKER OUTPUT (L)
- 7 MINI SPEAKER OUTPUT (R)
- 8 TALKBACK/SLATE OUTPUT





Console Preferences



Settings

Preferences About Workstations Surface Softkeys

Surface

Banking

Mode:

☒ 8 Strips

☐ Whole Surface

☐ Auto-Bank to Selected Track

☒ Auto-Bank to Attentioned Track

Brightness

☐ Auto

Touchscreen

10 %

100 %

OLED, LED, Display Module

10 %

100 %

70 %

Console Timeout

1 min

2 hrs

20 mins

☒ Softkey LEDs Enabled

Banking & Brightness

Workstation

General

☒ Workstation Follows Knob Set Changes

☒ Open Plug-ins on Workstation When Editing

☒ Close Plug-ins on Workstation When No Longer Editing

Solo

Mode:

☒ Solo In Place

☐ After-Fader Listen

☐ Pre-Fader Listen

KVM Switch

KVM Switch Support:

☒ Disabled

☐ Gefen (serial)

☐ Guntermann and Drunck (serial)

General, Solos & KVM

Display Module

Display

Layout:

☐ Large Meters

☐ Large Waveforms

☐ Meters and Waveforms

☐ Meters and Function

☒ Waveforms and Function

☐ Waveforms and Dual Function

☐ Waveforms and Dual Function + Route

Waveform Zoom

1 sec

1 min

34 secs

Display & Waveforms



Home

- ☐ Attention Tracks from Meter Scroller
- ☒ Display Selection/Attentioned Track Border on Meter Scroller
- ☐ Track Scroller Follows Attentioned Track
- ☒ Link Meter Scroller to Track Scroller

Knob View:

- ☐ All Functions
- ☒ Selected Function

- ☒ Auto Show Function Graph on Knob Touch

Home Options

Track Selector

Channel Selection Mode:

- ☐ Sum
- ☒ Intercancel

Solo Switch:

- ☒ Sum
- ☐ Intercancel

Position:

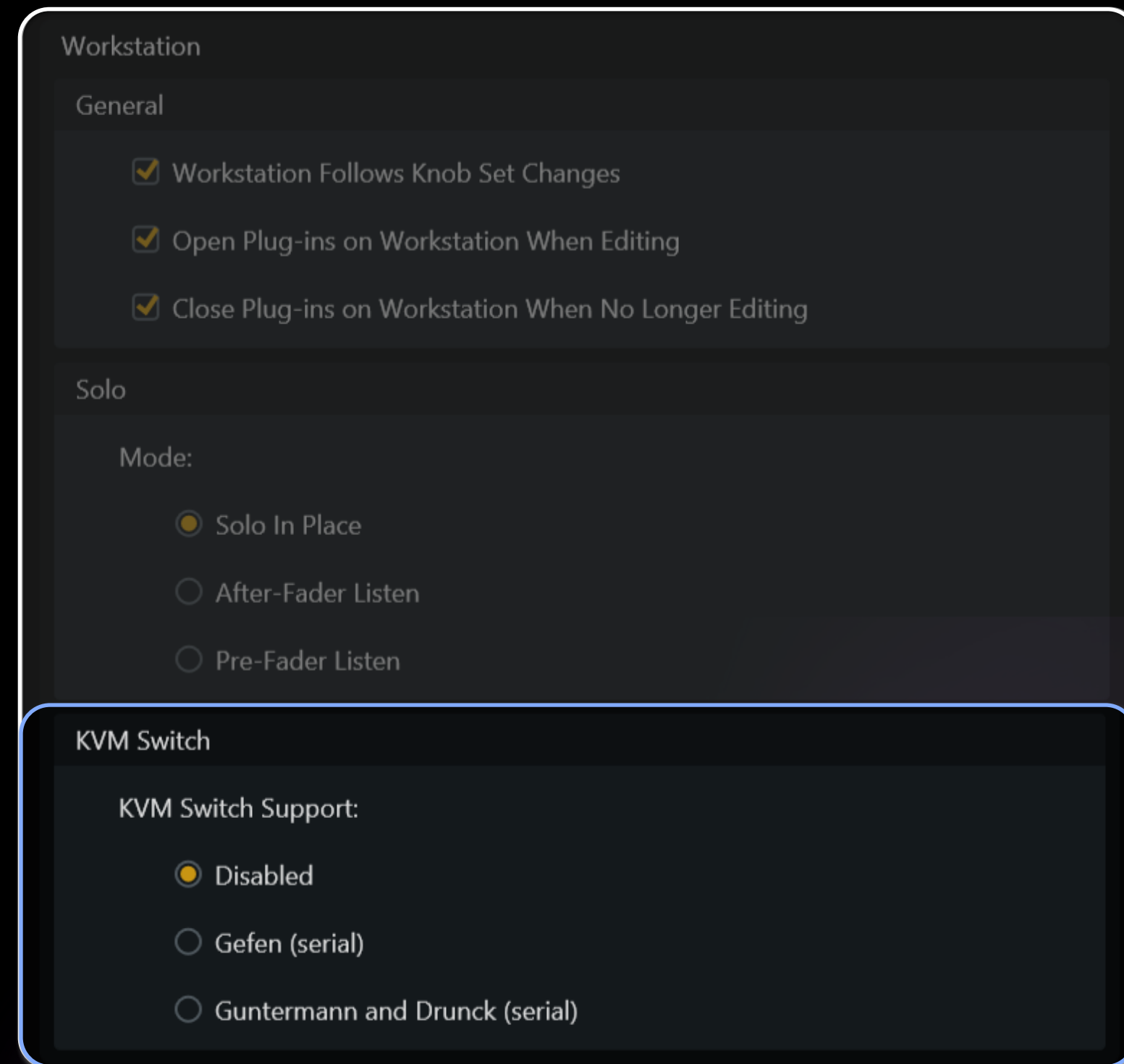
- ☐ Always Start with Channel 1 on All Page
- ☒ Last Position of Track Selector
- ☐ Attentioned Track

- ☒ Display Breaks on Track Color

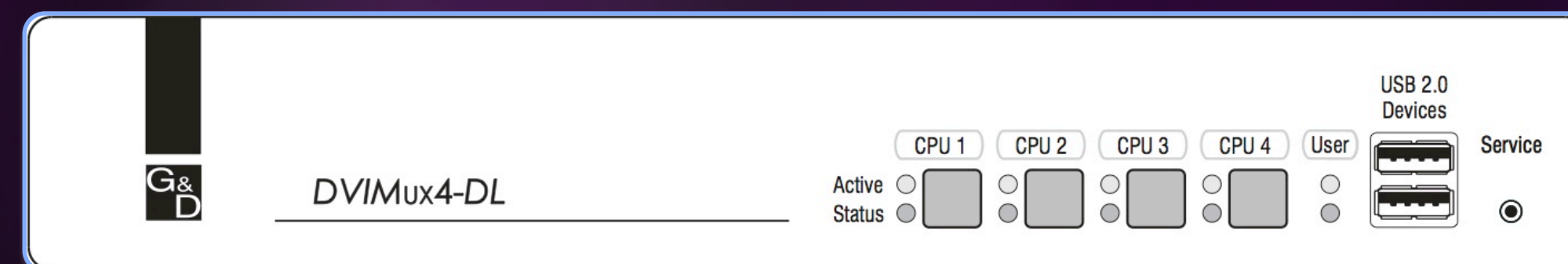
Tracks View Options



KVM Switching



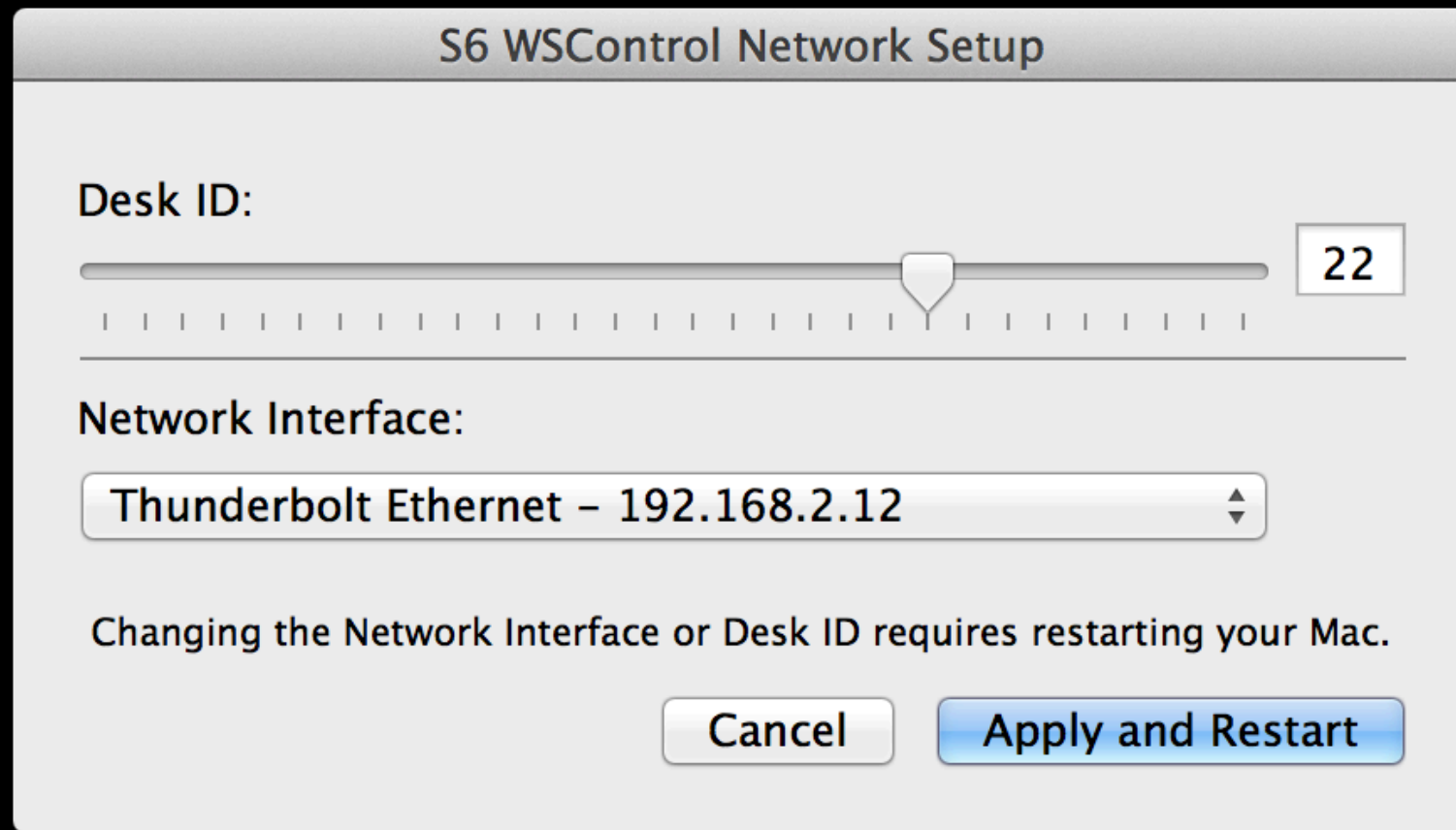
Automatic KVM Switching is supported for Gefen and G&D switchers. When enabled, **Attentioning** a workstation from the **Workstations** page will also change the attached computer display.



Guntermann & Drunck KVM

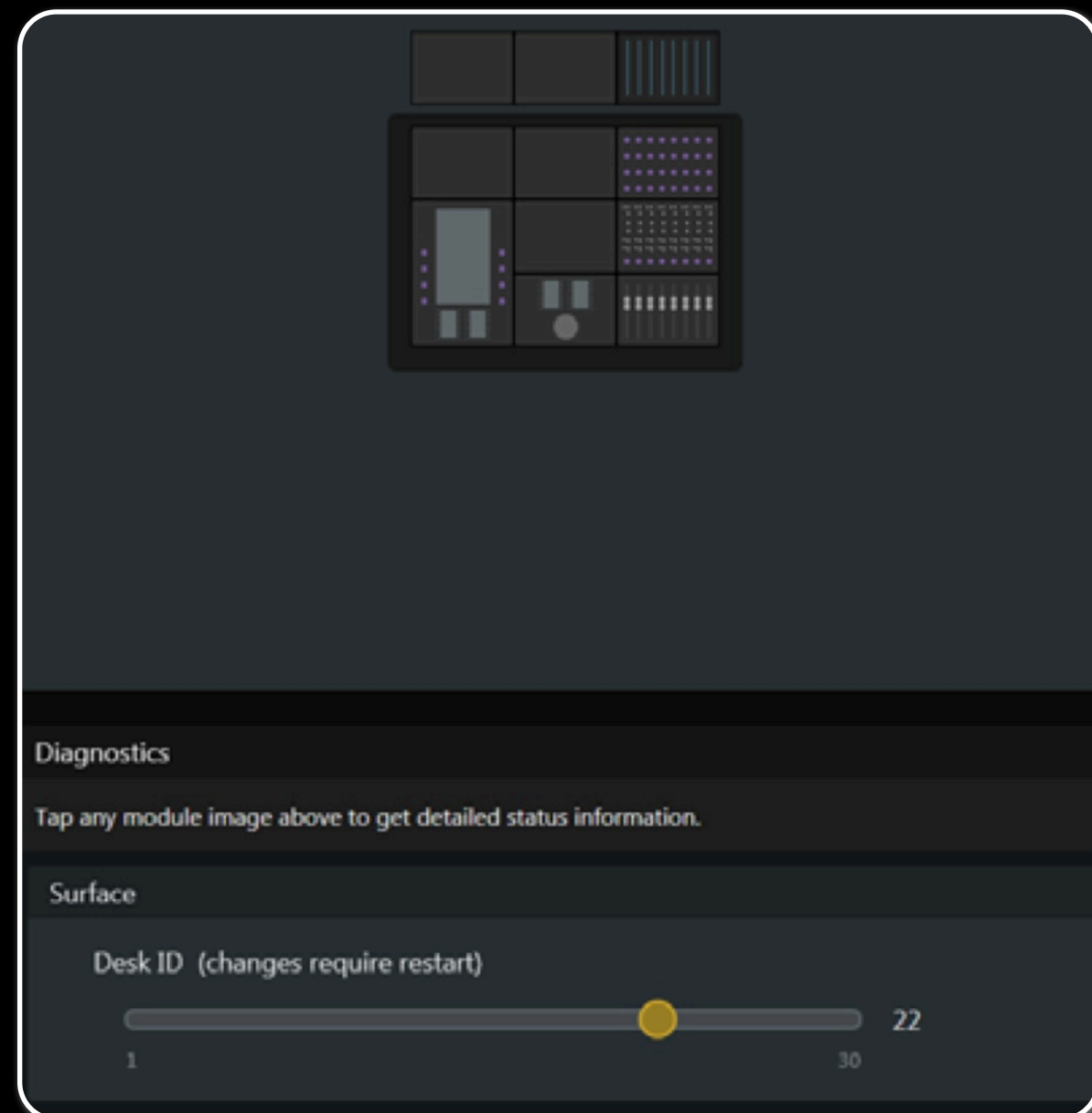
S6

[Return to Index]



S6 and the Workstation controlling it must be set to the same **Desk ID**. Each Workstation connected to S6 is required to have a unique Desk ID.

The Master Module default address is **192.168.2.1**



WSControl, by default, is set to automatically launch on login.



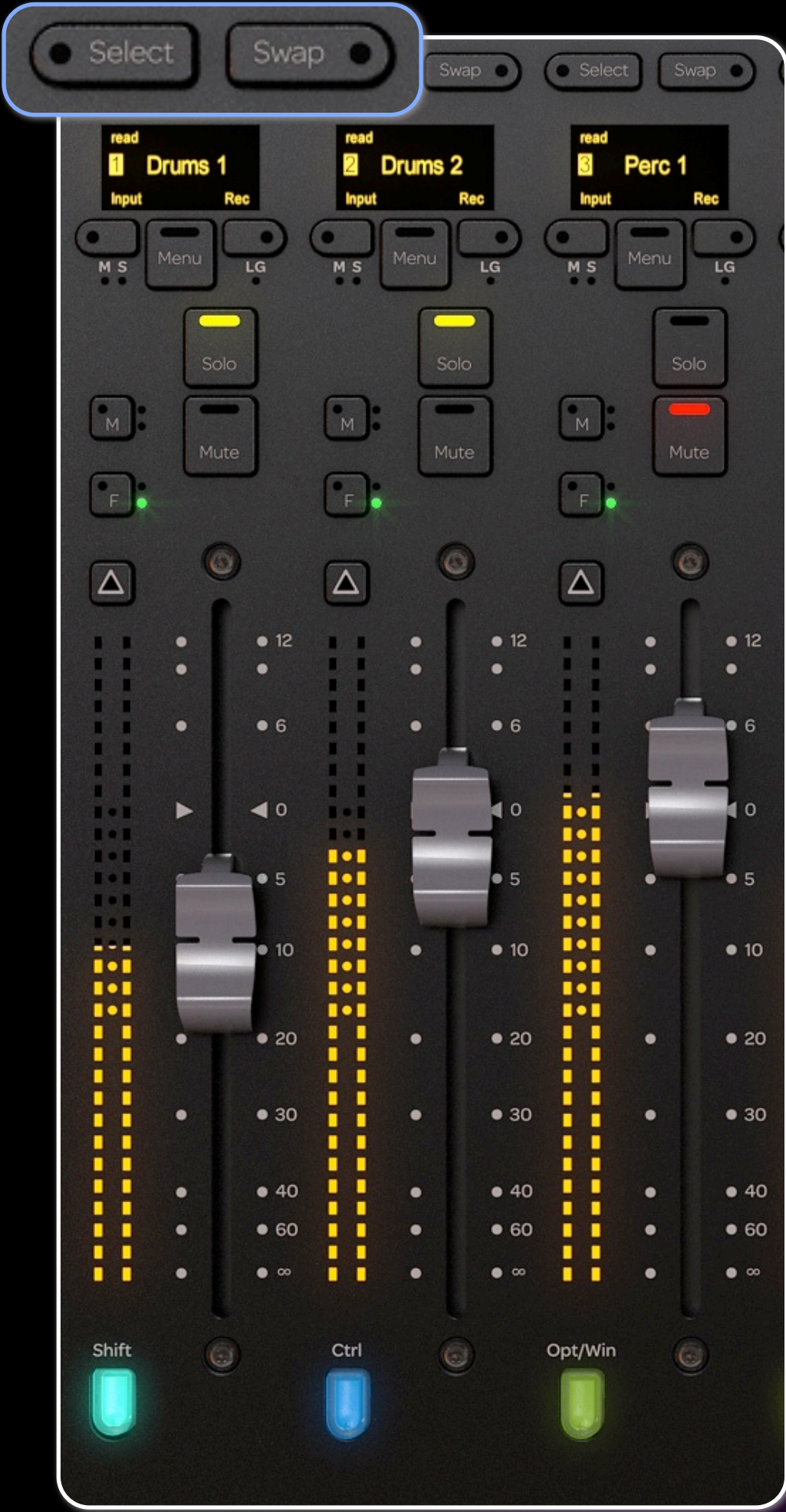
To set the **Desk ID** use the **Local Options** at the bottom of the Surface page.



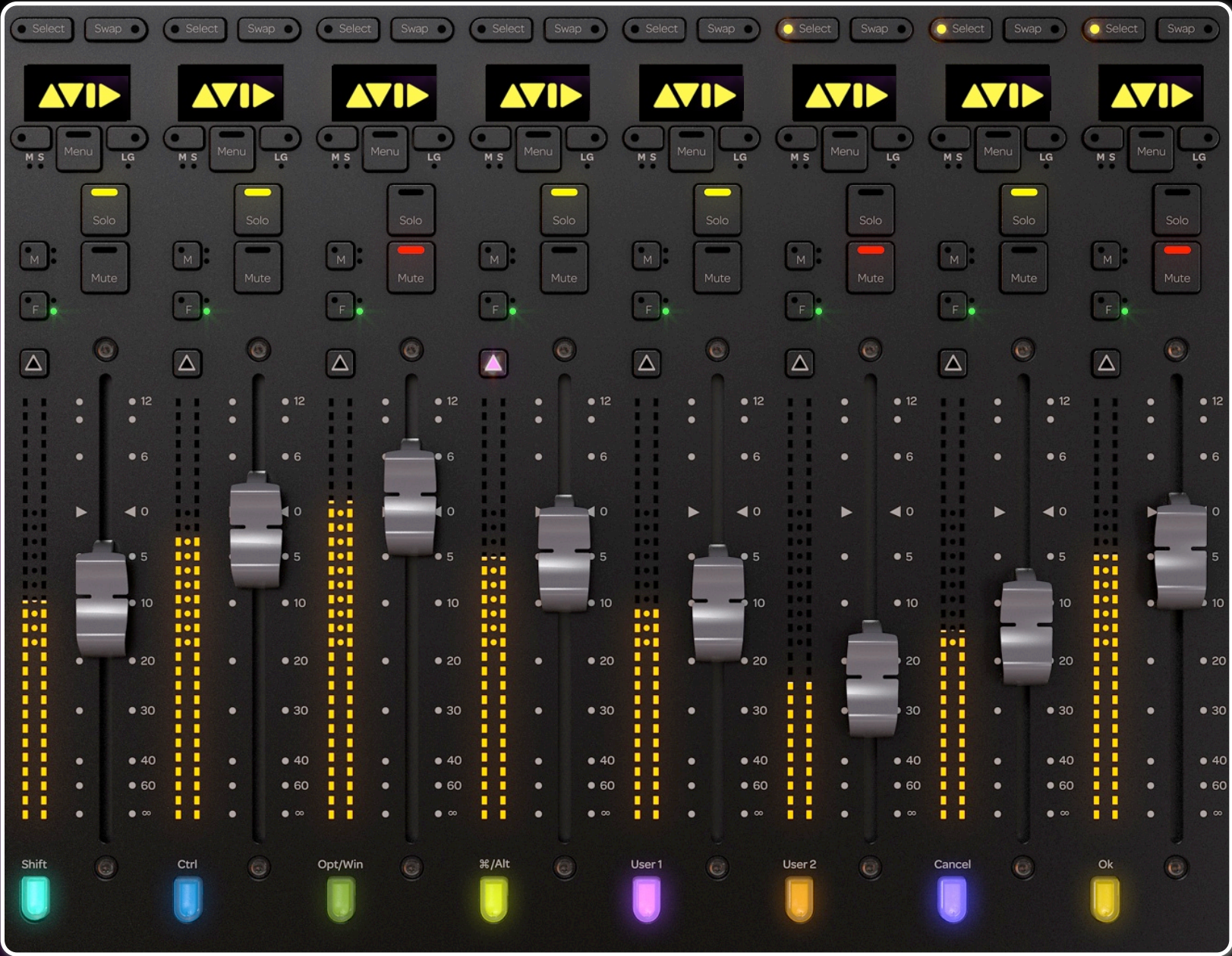
Desk ID has been changed, application will restart automatically in 7 second(s). Please tap Restart to restart now or Cancel to abort and return to previous Desk ID



Diagnostic Mode



To Enable **Diagnostic** Mode, Hold the Leftmost Top 2 Buttons on the module for 3-5 seconds. Avid Logos will confirm that you are in **Diagnostics** Mode.





Touchscreen Calibration

Settings

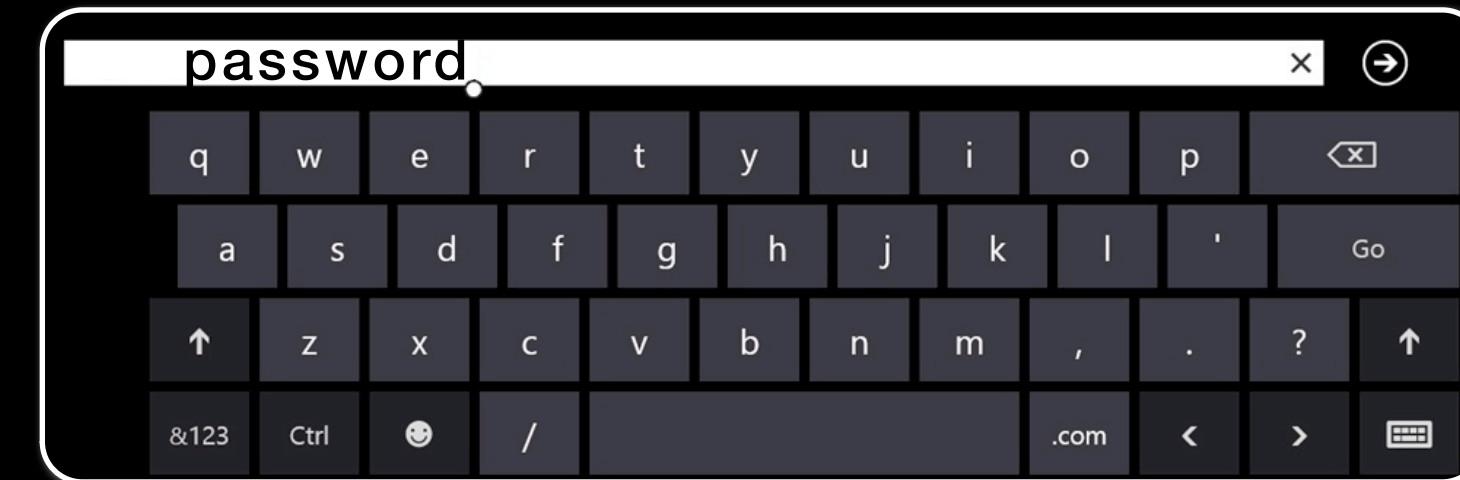
About

Workstations

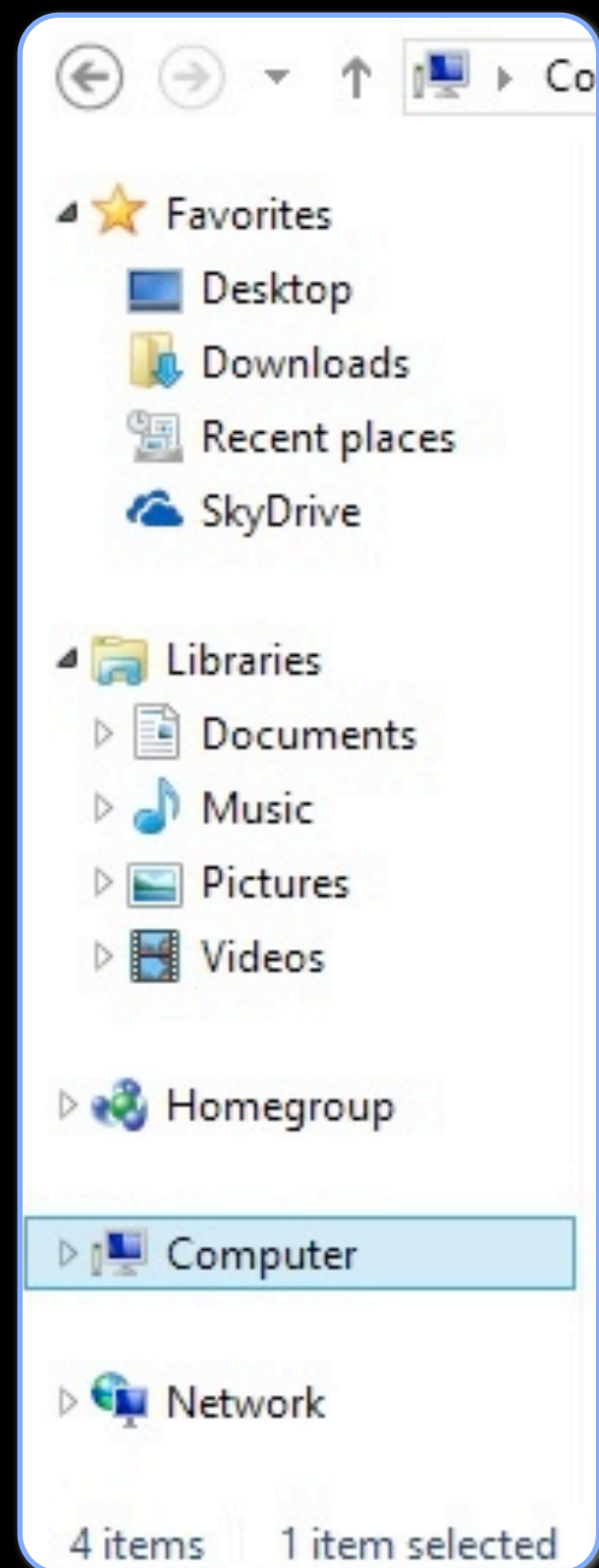
Surface

Preferences

Press **Settings** from the Master Module then choose **About**
Press **Logout** on the touch screen
Touch the **Administrator** Login Icon (password = **password**)



Press **File Explorer** to browse the hard drive



From the left hand column choose **Computer**
Navigate to **Primary (C:)** by double tapping
Navigate to **Program Files** then **Touch Panel Calibration Tool**

Double Tap on **WDT8650_PTool_2008** to Run it

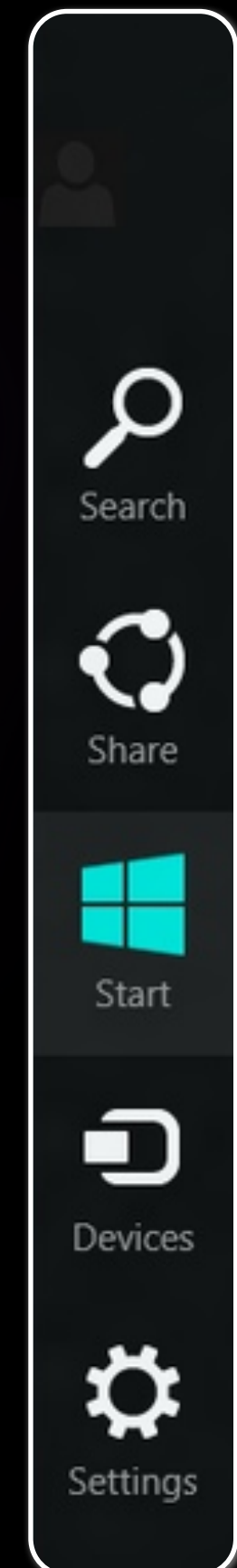
Press **Start** (Do Not touch the screen during the Calibration)

After running, an error message will appear: "Access to the path 'C:\Program Files\Touch Panel Calibration Tool\ptool_testlog.txt' is denied."
Disregard and Close the application

Swipe from the right edge of the screen left to Log Out
Press **Start**, then **Administrator** in the upper right corner

Press **Sign Out**

Touch the **Avid S6 User** Icon to return to S6

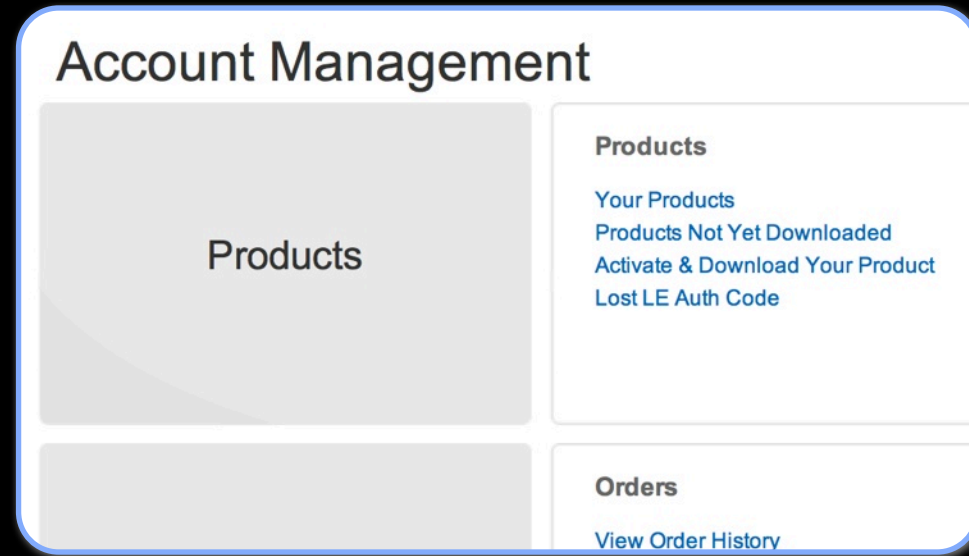


S6

[Return to Index]

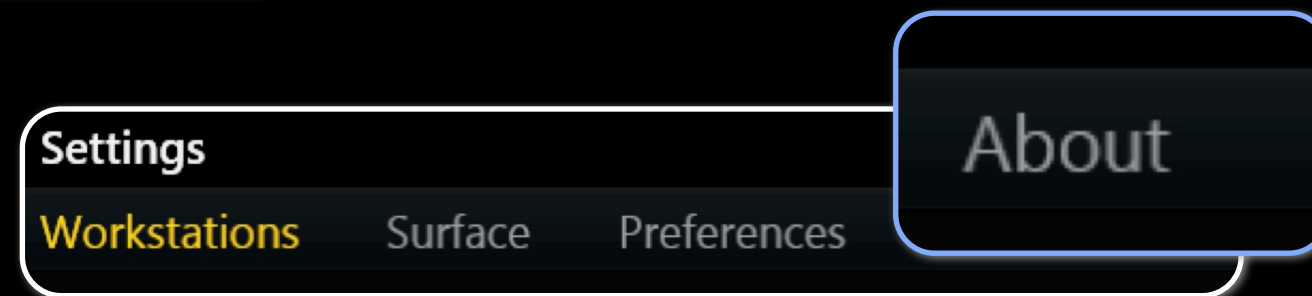


Updating S6 Software



Download the S6 Master Module software from your [MyAvid Account](#)

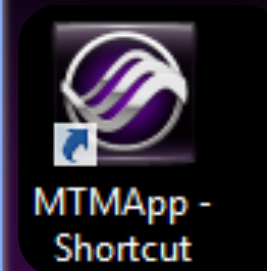
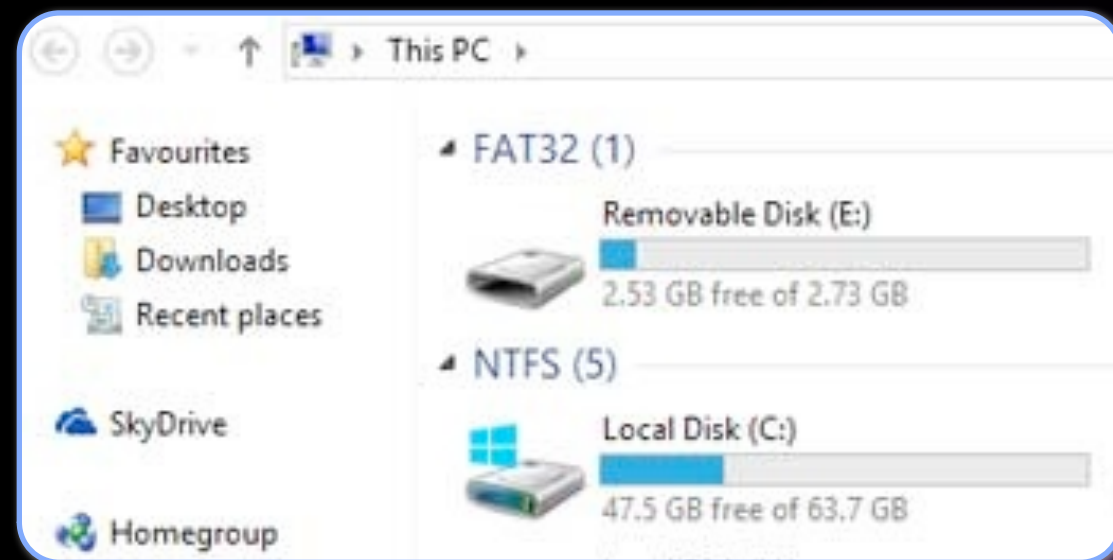
Copy the unzipped .exe file named **S6MasterModuleInstall** to the top level of a USB transfer drive



Press **Settings** from the Master Module then choose **About**

Press **Logout** on the touch screen

Touch the **Administrator** Login Icon (password = **password**)



Insert the USB transfer drive into the back of the Master Module

Navigate to the USB transfer drive **Removable Disk (E:)**

Copy the **S6MasterModuleInstall** file to the Desktop

Run the **S6MasterModuleInstall** file by double tapping it

Follow the On-Screen Instructions.

