

SONIC CONTROL



STREAM DECK PLUGIN

ADI Control

Compatible with the RME ADI-2 series — ADI-2 Pro FS R and ADI-2 DAC

22

BUTTONS

10

SVG DIALS

ALL

DECK MODELS

USER MANUAL · VERSION 1.0.0 · © 2026 SONIC CONTROL LLC



Table of Contents

One manual for both editions. Actions that depend on a particular unit carry a badge; everything else works the same on the ADI-2 Pro FS R and the ADI-2 DAC.

01	Introduction Overview, editions & key features	03
02	Requirements & Installation Hardware, software & setup	04
03	Connecting to the ADI-2 MIDI SysEx over USB, port detection & sync	05
04	Volume & Monitoring Main, Phones and IEM levels, mute, dim, lock	06
05	Filters & Reference Levels AD / DA filter select and analog reference	08
06	The 5-Band EQ Band cycling, frequency, gain, Q & presets	09
07	Bass/Treble, Loudness & Stereo Tone shelves, crossfeed, phase, M/S & mono	11
08	Stream Deck + Dials & LCD Ten encoders and the channel colour key	13
09	Multi-Actions & Profiles Layout recipes and one-press scene changes	14
10	Troubleshooting Connection, state and display fixes	15
11	Editions at a Glance DAC-only and Pro-only notes	16

+ **Two editions, one plugin family.** ADI Control ships 32 actions for the ADI-2 Pro FS R; ADI Control (DAC Edition) ships 30, leaving out the two input-side actions the DAC has no hardware for.

ADI Control

ADI Control is a Stream Deck plugin that drives your RME ADI-2 over MIDI SysEx. Volume, filters, reference levels, the five-band parametric EQ, bass and treble, crossfeed and the stereo tools all become keys and dials on your desk — no RME software needs to be running, and every change is mirrored both ways with the unit's front panel.

KEY FEATURES

Direct MIDI SysEx

Class-compliant USB MIDI straight to the unit. No TotalMix, no ADI-Remote, no network needed.

32 Configurable Actions

22 keypad actions and 10 encoders covering monitoring, filters, EQ and tone.

10 Custom SVG Dials & Touchscreen Functionality

Stream Deck+ encoders draw live value bars, band numbers and filter types on the LCD. Dial press & Touchscreen function capable.

Three Channel Targets

Point any action at Ch 1/2, Phones 3/4 or IEM (DAC Only), each with its own colour on the key.

Live EQ'ing & Bass/Treble Control

Cycle bands from a dial or a key; every EQ control on that channel follows with a dial. Same with Bass/Treble

Two-Way State Sync

Turn a knob on the ADI-2 and the deck updates; keys re-sync on launch and reconnect.

READING THIS MANUAL

DAC ONLY

ADI Control (DAC Edition) feature only. Feature not available on pro. Includes features such as IEM control.

PRO ONLY

ADI Control (Pro Edition) feature only. Feature not available on DAC edition. Includes features such as AD Filter and Ref Level In.

NO BADGE

Works identically on both units, with the same icon and the same settings.

Requirements & Installation

Check the hardware and software list, then install from the Elgato Marketplace or a plugin file.

HARDWARE

- RME ADI-2 Pro FS R or ADI-2 DAC
- Any Stream Deck — Mini, MK.2, XL, Plus, Neo or Mobile
- Computer running Windows 10 or macOS 10.14
- USB cable from the ADI-2 to that computer

SOFTWARE

- Stream Deck application version 6.9 or higher
- Current RME firmware on the unit
- Class-compliant USB MIDI — no extra drivers on macOS
- No RME desktop software needs to be open

INSTALLATION

From the Elgato Marketplace

- 1 Open the Stream Deck application
- 2 Click the Marketplace icon (top right)
- 3 Search for “ADI Control”
- 4 Pick the edition that matches your unit and install

From a plugin file

- 1 Quit the Stream Deck application
- 2 Double-click the `.streamDeckPlugin` file
- 3 Confirm the install prompt
- 4 Reopen Stream Deck — the actions appear in the list

- + **Install one edition, not both.** The two editions use separate action identifiers, so they can coexist, but every key would then need checking against the right plugin. Install the edition that matches your hardware.

MIDI SysEx over USB

ADI Control speaks to the ADI-2 with MIDI System Exclusive messages over the unit's class-compliant USB MIDI ports. There is no IP address to enter and nothing to configure per key: connect the USB cable and the plugin finds the unit itself.

FIRST CONNECTION

1 Connect the ADI-2 to your computer with USB

The unit registers its MIDI in and out ports with the operating system. macOS needs no driver; Windows uses RME's.

2 Launch the Stream Deck application

The plugin scans the available MIDI ports and opens the first one whose name matches an ADI-2 DAC, Pro or FS unit.

3 Drag actions onto your deck

On connect the plugin requests a full state dump, so keys and dials come up showing what the hardware is actually doing.

4 Set each action's channel

Most actions ask which output they address — Ch 1/2, Phones 3/4 or IEM. Each action's own options appear under the canvas when you select it.

WHAT RUNS IN THE BACKGROUND

Automatic reconnection

If the unit is powered down or unplugged, the plugin keeps watching the port list and reopens the connection when it returns.

Live sync from the hardware

SysEx travels both directions. Change volume, a filter or an EQ band on the front panel and the matching keys and dials follow.

Optimistic updates

A key redraws the moment you press it rather than waiting for the unit to answer, then settles on the confirmed value.

One connection, every key

All actions share a single MIDI session, so adding keys and dials costs nothing and nothing needs re-pairing.

- + **Keep the MIDI port free.** Only one application can hold the ADI-2's MIDI output at a time. If a DAW or a remote-control utility has the port open, quit it before starting Stream Deck.

Volume & Monitoring

Level control for all three outputs, from -114.5 dB to +6 dB. Every volume action can address Ch 1/2, Phones 3/4 or IEM, and each target draws in its own colour.



Main Volume (Dial)

Main output level on a Stream Deck+ encoder. The LCD draws a live bar with the current value in dB; the bar turns red and reads MUTED while the output is muted.

Rotate Adjust volume · **Press** Mute · step size set in the Stream Deck software



Vol Ctrl +/-

Steps the chosen output up or down by a fixed amount on a single key press. Set one key to Up and another to Down for repeatable level moves on any deck, with or without dials.

Select Channel and direction · holds at -114.5 dB and +6 dB



Phones Volume (Dial)

The same encoder treatment for the Phones 3/4 output, drawn in its own lighter blue so a headphone dial is never mistaken for the main bus.

Rotate Adjust volume · **Press** Mute



IEM Volume (Dial)

DAC ONLY

Level for the ADI-2 DAC's IEM output, drawn in purple so an IEM dial is never confused with the main or headphone buses.

Rotate Adjust volume · **Press** Mute

- + **Dial steps are yours to set.** Each volume dial carries its own step size, so a main dial can move in 0.5 dB while a headphone dial moves in whole dB.

Mute, Dim & Safeguards

KEY ART PER CHANNEL ■ CH 1/2 ■ PHONES 3/4 ■ IEM — DAC ONLY



Mute OFF / ON

Mutes the selected output. The key lights while muted and any volume dial on the same channel switches to its red MUTED readout, so the state is never ambiguous.

Press Toggle mute · set per channel



Dim OFF / ON

Drops the output by the unit's dim amount for a phone call or a talk-over, then returns to the previous level on the next press. Level dials on that channel show a DIM marker while it is engaged.

Press Toggle dim · leaves the stored volume untouched



Lock Volume LOCKED / UNLOCKED

Freezes the output level so a knocked encoder or a stray key press cannot change it — useful once a calibrated level is set. The icon shows a closed padlock while locked.

Press Toggle the lock · per channel



Hi-Power OFF / ON

Switches the headphone output into Hi-Power mode for high-impedance cans. Expect a jump in level — drop the volume before enabling it.

Press Toggle Hi-Power mode

KEY STATES

Mute Off			Mute On		
MUTE	MUTE	MUTE	MUTED	MUTED	MUTED
CH 1/2	PHONES 3/4	IEM	CH 1/2	PHONES 3/4	IEM

Dim Off			Dim On		
DIM	DIM	DIM	DIM	DIM	DIM
CH 1/2	PHONES 3/4	IEM	CH 1/2	PHONES 3/4	IEM

Filters & Reference Levels

Converter filters and analog reference ranges, one key per choice. Each key lights when its option is the active one, so a row of four keys reads as a selector.



AD Filter PRO ONLY

Sets the A/D converter filter on the analog input: SD Sharp, SD Slow, Sharp or Slow. The DAC Edition omits this action, since the ADI-2 DAC has no analog input.



DA Filter

D/A filter for the main output: SD Sharp, SD Slow, Sharp, Slow, NOS, plus the sixth option your unit offers — Brickwall on the DAC, SD LD on the Pro.



DA HP Filter

The same filter list applied to the Phones 3/4 output, so headphones and speakers can run different converter characters at once.



DA IEM Filter DAC ONLY

Filter select for the ADI-2 DAC's IEM output, with the same filter list as the main and headphone outputs.



Ref Level In PRO ONLY

Analog input reference level — +4, +13, +19 or +24 dBu. One key per value, lit when that range is active. Not present in the DAC Edition.



Ref Level Out

Analog output reference level, using whichever set your unit provides — +4, +13, +19 and +24 dBu on the Pro, and -5, +1, +7 and +13 dBu on the DAC.



Auto Ref Level OFF / ON

Hands reference-level selection back to the ADI-2, which picks the range to suit the current volume. Turn it off when you want a fixed range.

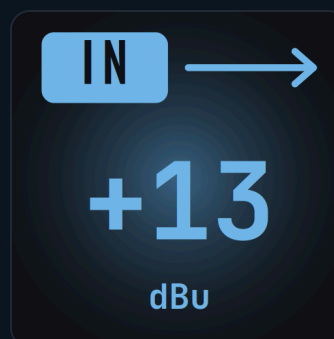
SELECTED FILTER & REFERENCE KEYS



Active choice



DA NOS



In +13 dBu



Out +19 dBu

The 5-Band EQ

The ADI-2's parametric EQ, laid out so one band at a time is under your hands. Pick a band, then shape it with the frequency, gain and Q dials — every EQ control pointed at the same channel follows the selection.

KEY ART PER CHANNEL ■ CH 1/2 ■ PHONES 3/4 ■ IEM — DAC ONLY



EQ Enable

EQ ON / EQ OFF

Bypasses or engages the whole EQ section on the selected channel — the fastest A/B between a corrected and an uncorrected monitor path.

Press Toggle EQ on or off · per channel



Dual EQ

SINGLE / DUAL

Switches between one EQ curve for both channels and independent left and right curves. In Dual mode the icon shows the two curves separately.

Press Toggle single or dual-channel editing



EQ Band Cycle (Dial)

Rotate to move through bands 1 to 5. The LCD shows the band number and its filter type, and every EQ dial and key on that channel jumps to the new band with it.

Rotate Cycle band 1–5 · Dial Press/LCD Touch: Jump to Band 1



EQ Band Cycle (Button)

The same band selection on a keypad, for decks without encoders. Press to advance; the key mirrors the dial, so the two stay in step if you use both.

Press Advance to the next band · shows band number and type

BAND & TYPE ON THE KEY



BAND TYPES

Band 1 — four types

Cycles Bell, Shelf, Hi-Pass and Lo-Pass. The key art changes to the curve you land on.

Band 5 — three types

Bell, Shelf and Lo-Pass. Hi-Pass is skipped, matching the hardware.

Bands 2, 3 and 4

Bell only — the classic parametric peak, with Q setting how wide it reaches.

Type follows the band

Selecting a band loads its own type, frequency, gain and Q — nothing carries over.

Shaping the Selected Band

KEY ART PER CHANNEL ■ CH 1/2 ■ PHONES 3/4 ■ IEM — DAC ONLY



EQ Frequency (Dial)

Tunes the selected band's centre frequency across the audio range, with the value in Hz on the LCD and a bar that follows a logarithmic scale from 20 Hz to 20 kHz.

Rotate Adjust frequency · **Dial Press/LCD Touch:** Reset



EQ Gain (Dial)

Cut or boost the selected band within ± 12 dB. The bar runs out from centre, so a flat band reads as a dead-centre marker at a glance.

Rotate Adjust gain · **Dial Press/LCD Touch:** Reset to 0 dB



EQ Q (Dial)

Sets how narrow the band is. The hardware allows a wider range on the lower bands, and the dial clamps to whatever the selected band supports: 0.5 to 9.9 on bands 1–3, and 0.5 to 5.0 on bands 4 and 5.

Rotate Adjust Q · **Dial Press/LCD Touch:** Reset to 1.0

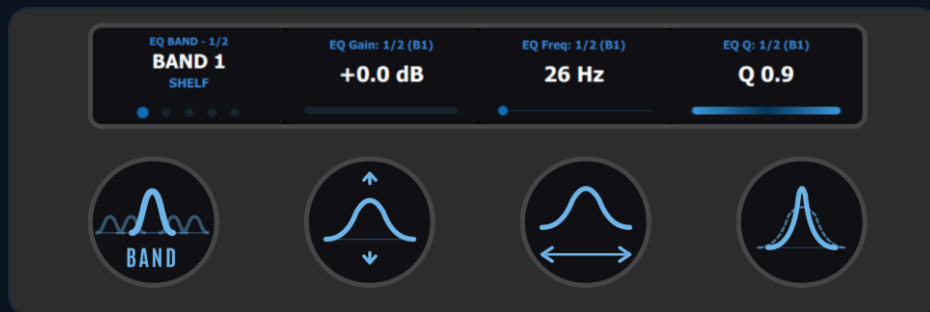


EQ Preset Recall (Button)

Loads a stored EQ preset from the unit in one press. Put several of these side by side to switch between room curves, headphone corrections and a flat reference.

Press Recall the selected preset

- + **A four-dial EQ workstation.** Band Cycle, Frequency, Gain and Q across one Stream Deck+ dial row gives you the whole EQ on four encoders — select a band, shape it, move on.



Band Cycle, Gain, Frequency and Q on one dial row — Band 1, Shelf, Ch 1/2

Bass, Treble & Loudness

The ADI-2's tone section sits beside the EQ and stays out of its way. Three dials shape the bass or treble shelf, and a single key takes the whole section in or out.

KEY ART PER CHANNEL ■ CH 1/2 ■ PHONES 3/4 ■ IEM — DAC ONLY



Bass/Treble (Button)

OFF / ON

Engages or bypasses the bass and treble shelves without disturbing their settings — a quick check of what the tone controls are contributing.

Button Press: Toggle the B/T section · per channel



B/T Frequency (Dial)

Sets the corner frequency of whichever shelf the dial is assigned to. Choose Bass or Treble in the Stream Deck software and the LCD labels itself accordingly.

Rotate Adjust frequency · **Dial Press/LCD Touch:** Switches from Bass to Treble on a press action or LCD Touchscreen function



B/T Gain (Dial)

Cut or boost the assigned shelf. Pressing this dial toggles the whole Bass/Treble section, so one encoder covers both the amount and the bypass.

Rotate Adjust gain · **Dial Press/LCD Touch:** Toggle B/T on or off



B/T Q (Dial)

Adjusts the slope of the shelf within the hardware's gentle 0.5 to 1.5 range. The bar reads inverted — a low Q, meaning the gentlest slope, fills it.

Rotate Adjust Q · **Dial Press/LCD Touch:** Reset to 1.0



Loudness (Button)

OFF / ON

Applies RME's low-level listening compensation, which tapers off as you raise the volume. Handy for quiet late-night checks without losing the bottom octave.

Press Toggle Loudness · per channel

Stereo Tools

KEY ART PER CHANNEL ■ CH 1/2 ■ PHONES 3/4 ■ IEM — DAC ONLY



Crossfeed OFF · 1-5

Bleeds a little of each channel into the other to ease the hard-panned feel of headphone listening. Assign a key to a level from 1 to 5, or to off; the icon shows the active amount as filled dots.

Press Apply the selected level · kept separately per channel



Phase Invert OFF · L · R · L+R

Inverts the polarity of the left channel, the right channel or both. The icon draws which side is inverted, so a mono-compatibility check is one glance and one press.

Press Apply the selected inversion · per channel



M/S Processing OFF / ON

Turns on mid/side decoding so you can audition the sum and difference of the stereo image — the fastest way to hear what lives in the middle and what sits at the edges.

Press Toggle M/S processing



Mono OFF / ON

Folds the output to mono for a compatibility check, then returns to stereo on the next press.

Press Toggle mono · per channel

KEY STATES

Mono Off



Mono On



Crossfeed Off



Crossfeed Level 3



Ten Dials & the LCD

On a Stream Deck+ every encoder draws its own SVG on the touchscreen: a value bar, the current reading and, for the EQ dials, the selected band and filter type. Colour tells you which output a dial is holding.

THE TEN ENCODERS

 Main Volume Rotate level, press to mute	 EQ Frequency Rotate in Hz, press to reset
 Phones Volume Rotate level, press to mute	 EQ Gain ±12 dB, press for 0 dB
 IEM Volume DAC output, press to mute	 EQ Q Band-aware range
 B/T Frequency Bass or treble corner	 EQ Band Cycle Bands 1 to 5, press for band 1
 B/T Gain Press toggles B/T	 B/T Q 0.5 to 1.5, press for 1.0

CHANNEL COLOUR KEY

 Ch 1/2 Main output, deep blue	 Phones 3/4 Headphones, lighter blue	 IEM DAC only, purple
---	---	--

THE DIAL ROW IN USE



Active. Each dial names its target and channel, reads its current value, and fills a bar — blue for Ch 1/2, teal for Phones 3/4. The EQ dials add the selected band and its filter type.



Muted & EQ off. A muted output reads MUTED in red and empties its bar; bypassing the EQ marks every EQ dial EQ OFF. The stored values stay on screen, so nothing is lost on the way back.

Multi-Actions & Profiles

Stream Deck's own Multi-Action and Profile features work with every ADI Control key, which turns a stack of small toggles into one-press listening setups.

LAYOUT RECIPES

Monitoring row

Main Volume and Phones Volume on two encoders, then Mute, Dim and Lock Volume as keys underneath. Everything you reach for mid-session, nothing you don't.

EQ workstation

Band Cycle, Frequency, Gain and Q across all four dials, with EQ Enable and Dual EQ above them. Select, shape, A/B.

Filter selector

A row of DA Filter keys, one per filter. The active one lights, so the row reads like a hardware switch bank.

Headphone page

Everything set to Phones 3/4 — volume, Hi-Power, crossfeed levels, DA HP Filter and Loudness on one folder.

MULTI-ACTION IDEAS

→ **Ref Level Hotswap.** Ref Level In +4 dBu with Ref Level Out +4 dBu, or +13 with +13, and so on — various gain stage options to your gear at the click of a button.

→ **DA/AD Filter Hotswap.** Combine similar filter styles for AD and DA on a single key — DA Filter SD Sharp with AD Filter SD Sharp, or creative pairings like DA Filter NOS with AD Filter Slow.

→ **Mono Cube.** Mono on, plus an EQ preset built with a hi-pass at 300 Hz and a lo-pass at 6 kHz.

→ **Party Mode.** Loudness on, crossfeed to level 2, Hi-Power off and a volume step down — one key.

+ **Give the unit a beat.** When a Multi-Action fires several SysEx changes at once, a short delay between steps lets each one land and report back before the next arrives.

Troubleshooting

Almost everything here comes back to the MIDI port. Work down the list in order.

Keys do nothing and dials read no value

The plugin has no MIDI connection. Check the USB cable, confirm the unit is powered on, and make sure no other application is holding its MIDI port — a DAW or remote utility will take it exclusively. Then quit and reopen the Stream Deck application.

The unit was unplugged and hasn't come back

Reconnection is automatic and can take a few seconds after the port reappears. If it doesn't recover, reconnect the USB cable and give the operating system a moment to re-register the MIDI ports.

A key shows the wrong state

States re-sync from the hardware on launch and on reconnect. Check the key is pointed at the channel you expect — a Phones 3/4 mute will not follow the main output — then restart Stream Deck to force a fresh state dump.

An action I expected isn't in the list

Each edition ships only the actions its hardware supports: the IEM actions come with the DAC Edition, and the AD-side actions with ADI Control for the Pro FS R. Install the edition that matches your unit.

EQ dials are editing a band I didn't pick

The EQ dials follow the Band Cycle selection for their channel. If one dial should stay put, pin it to a fixed band in the Stream Deck software; if all should follow, leave them on the shared selection.

A Q value won't go as high as I expect

Q range is set by the hardware per band: bands 1–3 reach 9.9, bands 4 and 5 stop at 5.0, and the Bass/Treble shelves run 0.5 to 1.5. The dial clamps to the selected band's range.

Editions at a Glance

The two editions differ by two actions, both of them input-side. Everything else — every dial, every EQ control, every tone and stereo tool — is identical.

ADI Control

32

For the ADI-2 Pro FS R · 22 buttons + 10 dials

INCLUDES

- AD Filter — input converter filter select
- Ref Level In — +4, +13, +19, +24 dBu
- The full DA, EQ, tone and stereo set

DAC Edition

30

For the ADI-2 DAC · 20 buttons + 10 dials

DIFFERENCES

- No AD Filter and no Ref Level In — the DAC has no analog input
- IEM Volume and DA IEM Filter address the DAC's IEM output
- Brickwall appears as the sixth DA filter

SHARED ACROSS BOTH

Main Volume (Dial)	EQ Enable	Bass/Treble
Phones Volume (Dial)	Dual EQ	B/T Frequency (Dial)
IEM Volume (Dial)	EQ Band Cycle (Dial)	B/T Gain (Dial)
Vol Ctrl +/-	EQ Band Cycle (Button)	B/T Q (Dial)
Mute	EQ Frequency (Dial)	Loudness
Dim	EQ Gain (Dial)	Crossfeed
Lock Volume	EQ Q (Dial)	Phase Invert
Hi-Power	EQ Preset Recall	M/S Processing
DA Filter	Ref Level Out	Mono
DA HP Filter	Auto Ref Level	DA IEM Filter

- + **Support.** Questions, bug reports and feature requests reach us by opening a support ticket via www.soniccontrolstudios.com/support listing for your edition.