

SONIC CONTROL



STREAM DECK PLUGIN

Monitor Control Pro

Professional Monitor Control for the Trinnov Nova

24+

ACTIONS

4

SVG DIALS

ALL

DECK MODELS

USER MANUAL · VERSION 1.0.1.0 · © 2026 SONIC CONTROL LLC

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Everything you need to connect, configure and control your Trinnov Nova from any Stream Deck. Jump to a section below.

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Monitor Control

Monitor Control is a professional Stream Deck plugin that gives you full hardware control over the Trinnov Nova monitor controller. It connects over WebSocket and delivers instant, tactile control of volume, presets, inputs, outputs and monitoring functions — directly from your Stream Deck, with no Nova software running in the background.

KEY FEATURES



Real-time WebSocket

Direct connection to your Nova — no Trinnov software needs to be running.



24+ Configurable Actions

Buttons for every monitoring, routing, preset and DSP function.



4 Custom SVG Dials

Stream Deck + encoders render live level bars on the LCD touchscreen.



Optimistic State Sync

Toggles update instantly and re-sync from Nova on launch — no double-press.



Custom Naming

Name presets, inputs and speaker sets to match your studio.



dB & dBc Display

Volume shown in dB or calibrated C-weighted SPL, following Nova's mode.



Built for the room. Multi-output mute & solo, downmix fold-down rules, Sum-mode input awareness, talkback with auto-dim, and four LCD dials with live color-coded status make Monitor Control a complete monitor section on your desk.

Requirements & Installation

Confirm your hardware and software, then install in seconds from the Elgato Marketplace or a plugin file.

Hardware

- **Trinnov Nova** monitor controller with network connectivity
- Any **Stream Deck** — Mini, MK.2, XL, Plus, Neo or Mobile
- Computer running **Windows 10+** or **macOS 10.14+**
- Network connection between your computer and the Nova

Software

- **Stream Deck** application version **6.9** or higher
- Trinnov Nova firmware with **WebSocketAPI** support
- Mac & Windows compatible — no extra drivers required
- No Trinnov 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 "Monitor Control"
- 4 Click **Install**
- 5 Find Monitor Control in your action list

Manual Installation

Double-click any **.streamDeckPlugin** file and the Stream Deck application installs it automatically.

`MonitorControlPro.streamDeckPlugin`

Once installed, the plugin appears under the **Monitor Control (Pro)** category in your action list.

i After dragging your first action onto a key, open its **Property Inspector** and enter your Nova's IP address (see the next page). That single setting is shared across every Monitor Control action.

Setup & Global Settings

Monitor Control connects automatically. The only thing you configure is your Nova's IP address — everything else syncs from the unit on connection.

Nova IP Address

The Nova IP field appears at the bottom of **every** action's Property Inspector. Enter your Nova's address once and it updates across all Monitor Control actions automatically — it's a single global setting.

FORMAT

192.168.1.100

xxx.xxx.xxx.xxx

Connection Status

The plugin holds a persistent WebSocket connection and reconnects automatically if it drops.

-  **Green flash** — command sent successfully
-  **Red flash** — command failed (check IP & network)

Automatic Sync

On connection Monitor Control reads several settings directly from your Nova:

- **Mute Main When Headphones** — synced with no manual setup
- **Sum / Single** input mode — adjusts input button behavior
- Volume display mode (**dB** or **dBc**)



Set your Nova to a Static IP. If DHCP is active the address can change after a power cycle, and you would need to re-enter it in Monitor Control. This plugin does not control AoIP settings — see the Nova manual for network configuration.

04 MONITORING

Volume, mute, dim, bass management and headphones



Master Vol (Dial) DIAL

Controls master volume from a Stream Deck + rotary encoder. Rotate to adjust; optionally press to toggle Global Mute. The LCD renders a live SVG with a teal level bar and the current dB or dBc value.

Rotate Adjust volume · **Press** Mute toggle (optional) · **Tap LCD** Toggle mute

LCD touchscreen

Live SVG

dB / dBc



Vol (Up / Down)

Adjusts master volume up or down by a configurable step size with a single key press. Create a pair of keys for fast, repeatable level changes.

Select **Up** or **Down** direction. Configurable step size.

Step 1–5 dB

Keypad



Vol (Meter)

A display-only key that shows the current master volume in real time, following Nova's active mode. The reading updates live as the level changes.

Shows **dB** or **dBc** based on Nova mode. Does not respond to presses.

Display only

Real-time



OFF



ON

Mute Global (Toggle)

Toggles global mute, instantly silencing all outputs from your Nova. State stays in sync, and the Master Vol & Reference Level dials show a red MUTE indicator while active.

Mutes **all** outputs instantly. Dial SVGs display a red MUTE label.



OFF



ON

Dim (Toggle)

Toggles the Dim function, reducing output level by a preset amount. Ideal for a quick level drop without touching your reference level. The dial bar turns amber with a DIM label while engaged.

Dim amount is configured in your Nova settings.



OFF



ON

Bass Management (Toggle)

Toggles bass-management processing. When enabled, low frequencies are routed to your subwoofer based on the crossover settings in your Nova.

State syncs automatically with Nova.



OFF



ON

Headphones (On / Off)

Toggles the headphone output. With the optional Mute-Main cascade enabled, your monitors mute the instant headphones turn on — and the Mute button and Master Vol dial update to match.

Mute Main When HP

Auto-synced



Headphones Level (Dial)

DIAL

Controls headphone level independently of master volume from a Stream Deck + encoder. The LCD shows a steel-blue level bar; when headphones are disabled it reads OFF with a DISABLED label.

Rotate HP level · Press Enable/disable HP · optional auto-mute mains

Steel-blue LCD

Independent level



UP



DOWN

HP Vol (Up / Down)

Nudges headphone volume up or down by a configurable step with a single press — independent of the master Vol Up/Down keys.

Configurable step size.

Step 1 / 2 / 3 dB

Keypad

05

ROUTING & I/O

Inputs, talkback, speaker sets and per-channel outputs



OFF



ON

Input Source Select

Selects the active audio input on your Nova. Create one key per source for instant switching — source names are auto-populated from the unit.

Select input **1–11**. Button illuminates when active.

Auto-named

1–11



OFF



ON

Talkback / Input Active (Hold)

Temporarily activates an input source only while the key is held, then returns to the previous input on release — perfect for talkback. Optionally engages Dim across all dials while held.

Dim While Held auto-engages Dim for clean talkback. Returns on release.

Hdd-to-talk

Auto-dim

1–11



Speaker Select

Selects the active speaker destination or speaker set on your Nova for instant A/B between monitoring chains.

Select speaker set **1–11**. Button illuminates when active.

Auto-named

1–11



OFF



ON

Solo Outputs (Toggle)

Solos specific output channels — only the selected outputs play while the rest are muted. Essential for checking individual speakers in a multichannel rig.

Check **Output 1–6** to solo single or grouped channels together.



OFF



ON

Mute Outputs (Toggle)

Mutes specific output channels you select, leaving the rest playing. Checked outputs mute and unmute together as a group.

Select any of **Output 1–6** per key.



Sum Mode awareness. When Nova is in Sum mode, an Input Source key toggles that input in or out of the active set so several inputs can be live at once. In Single mode it simply selects that one input. The plugin reads the current mode from Nova automatically.

06 PRESETS & REFERENCE LEVELS

Recall full configurations and jump to calibrated levels



OFF



ON

Preset (Recall)

Recalls a specific Nova preset containing a complete system configuration. Preset names are auto-populated from the unit, and the key illuminates when its preset is active.

Select preset **1–11** from the dropdown.

Auto-named

1–11



Ref Level (Set) [dB]

Sets the reference recall volume to a specific dB level and recalls it with one press. Build a row of keys for your most-used reference levels.

Range **0 to –48 dB**. The key shows its target; the Master Vol dial updates after recall.

0 to –48 dB

One-press recall



Ref Level (Set) [dBc]

Sets the reference recall volume to a calibrated C-weighted SPL value and recalls it — for rooms aligned to a fixed monitoring standard.

Range **56 to 90 dBc**. Requires proper SPL calibration in Nova.

56–90 dBc

Calibrated



Reference Levels [dB] (Dial) DIAL

Browse and recall reference levels from a Stream Deck + encoder. Rotate to scroll through levels, press to recall — or set the press to toggle Dim instead. LCD shows a deep-cyan level bar.

Rotate Select level · **Press** Recall or toggle Dim · **Tap LCD** Toggle Dim



Reference Levels [dBc] (Dial) DIAL

The same scroll-and-recall dial for calibrated C-weighted SPL values, with the identical deep-cyan LCD display. For calibrated SPL environments.

Range **56 to 90 dBc**. Mute and Dim indicators appear on the LCD when active.

07 DSP & DOWNMIX

A/B Trinnov processing and check your mix in any format



Optimizer (Bypass)

Bypasses specific optimizer functions for instant A/B comparison of Trinnov's processing. Choose which stage a key controls from the dropdown.

Global all processing · **Acoustic** room correction · **Level** level alignment · **Delay** time alignment

Global

Acoustic

Level

Delay

DOWNMIX MODES



MONO



MONO

Mono Folddown

Sums the mix to mono for compatibility checking, with configurable center-folddown rules.

Folddown level: 6, 4.5, 3, 1.5 or 0 dB.



STEREO



STEREO

Stereo Downmix

Standard stereo output — the reference state for A/B checks against the mono and difference modes.



SWAPPED



SWAPPED

L / R Swap

Swaps the left and right channels to verify imaging, panning and channel assignment.



DIFF (L-R)



DIFF (L-R)

Diff (L – R)

Monitors the difference (side) signal to expose phase issues and reveal what lives in the stereo field.



Downmix is a toggle with a dropdown. Assign the mode you want to each key; pressing toggles that downmix on or off so you can drop into a folddown and back to stereo with a single tap.

08 STREAM DECK + DIALS

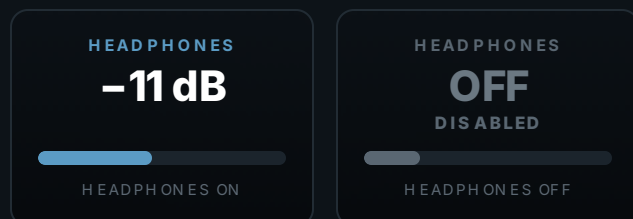
Four rotary encoders with live LCD touchscreen feedback

Monitor Control ships four dial actions for the Stream Deck + rotary encoders. Each renders a custom SVG on the LCD touchscreen showing real-time values and status. Tap any part of the LCD to trigger the dial's press action.

MASTER & REFERENCE DIALS



HEADPHONES DIAL



The Four Dials

- **Master Vol** — rotate to set level, press to mute
- **Headphones Level** — independent HP level, press to enable
- **Reference Levels [dB]** — scroll & recall, press for Dim
- **Reference Levels [dBc]** — calibrated SPL scroll & recall

Behavior

- **Optimistic updates** — the LCD reacts the instant you act
- **LCD tap** mirrors the dial press when its option is enabled
- Status labels (**MUTE**, **DIM**, **OFF**) appear in context
- Values follow Nova's **dB / dBc** display mode automatically



Color legend. Teal normal · Red muted · Amber dimmed · Steel blue headphones · Gray disabled.

Troubleshooting

Most issues come down to the IP address or the network path between your computer and the Nova. Work through these checks in order.

Buttons Not Responding

- Verify the Nova IP address in Global Settings
- Confirm the Nova is powered on and on the network
- Check your computer and Nova share the same network
- Make sure your firewall allows the connection

State Looks Wrong

- Wait a few seconds for the initial sync after launch
- Press any button to trigger a refresh
- Restart Stream Deck if it persists

SVG Dials Not Appearing

- Dial actions require a **Stream Deck +**
- Confirm the dial action is on an encoder slot
- Restart the Stream Deck app if the LCD stays blank

Custom Names Missing

- Ensure names are comma-separated
- Names map to slots **1-11** in order



dBc / recalibration. When working in dBc mode, adjust your Nova's **Volume Display Offset** so reference-recall values line up after a recalibration. Reference-level keys show the target value; the dial updates once Nova processes the recall.



Auto-reconnect & first press. The WebSocket connection re-establishes itself automatically if it drops, and button states sync from Nova on startup — so the first press of any toggle already sends the correct command. No double-press needed.



Monitor Control (Pro)

Stream Deck Plugin for Trinnov Nova

Web www.soniccontrolstudios.com

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