

CN REMOTE PANEL

[UTILITY V3.8]

CUBENDO REMOTE PANEL

[AKA CN REMOTE / CRP / MIDI REMOTE PANEL]

by Phil Pendlebury

Thanks to:
Tobias Erichsen (loopMIDI)
Mark Heath (NAudio MIDI library dll)
Amazing Andrew (Uffix Interop dll)
Simon, Alberto & Mike for support, ideas and testing

The on-screen assistant that
doesn't get in your way.
A lightweight MIDI and Key
Command interface for
Cubase, Nuendo, and Wavelab.

By Phil Pendlebury

THE PROBLEM

Useful features are buried in deep menus or require complex, finger-twisting key commands.

THE SOLUTION

A lightweight tool that lives **inside** your OS.
No external tablets.
No looking down.

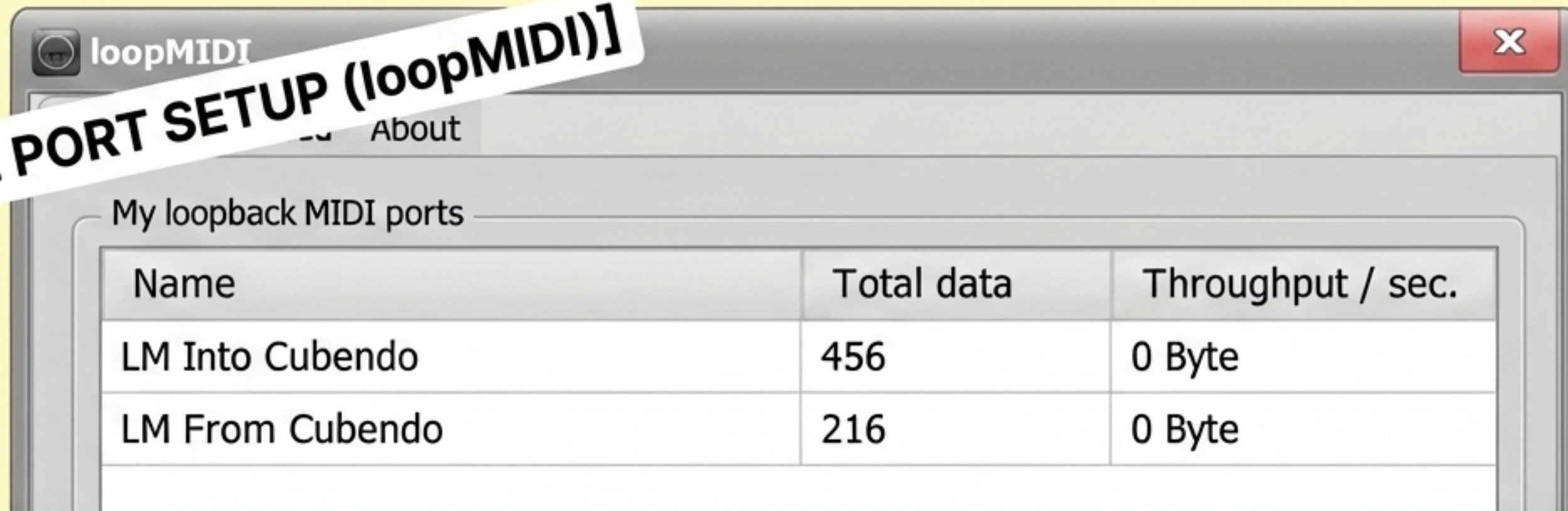
[ALWAYS ON TOP]

KEYBOARD PASS-THROUGH

Most remotes steal focus. CN Remote passes standard keyboard input through to the active window.

Float the panel over Cubase. Click a button. Hit 'Spacebar' to play instantly. Focus is never lost.

[EXAMPLE PORT SETUP (loopMIDI)]



The screenshot shows the loopMIDI application window. It has a title bar with the loopMIDI logo and a close button. Below the title bar is a menu bar with 'About'. The main content area is titled 'My loopback MIDI ports' and contains a table with three columns: 'Name', 'Total data', and 'Throughput / sec.'. The table lists two ports: 'LM Into Cubendo' and 'LM From Cubendo'.

Name	Total data	Throughput / sec.
LM Into Cubendo	456	0 Byte
LM From Cubendo	216	0 Byte

THE BRIDGE: WINDOWS MIDI & loopMIDI

Virtual MIDI Ports act as the cabling.

1. Windows MIDI (Native): Now supported directly by the OS. No additional software needed for basic setups.
2. loopMIDI (Alternative): A lightweight, reliable tool for creating virtual ports if needed.

Port Function:

- Into DAW: Panel sends commands TO the DAW.
- From DAW: DAW sends feedback TO the Panel.

DAW HANDSHAKE

[VENDOR CONFIG]

Configure via Studio Setup > MIDI Remote. The script 'Phil Pendlebury - PAP' acts as the vendor definition.

1. Load Script.
2. Match Input/Output Ports.
3. Verify Status.



[ACTIVE STATE]



[STEALTH STATE]

Collapsible Control Button Design

Button Width:

Button Height:

Button Colour:

Background:

Button Border:



MAKE COLLAPSIBLE

Hover to Expand. Move away to Collapse.

Preserves screen real estate. The panel shrinks to a single control button when not in use.

SECTION HEADERS

Rename a header (e.g., #1 Transport) to automatically color-code the entire block.

[AUTO-COLOR]



The screenshot shows a software interface window titled "Cubendo Remote Panel 3.8.0.3 : buttons co...". It displays a 5x2 grid of buttons. The buttons are color-coded in pairs of rows: the first two rows are blue, the next two are orange, and the final row is green. Each button is labeled "Button 1" through "Button 8". At the bottom of the window, a status bar reads "Active DAW: Cubase MIDI Out: LM Inte Cubende MIDI In: LM From Cubend".

Button 1	Button 2	Button 3	Button 4
Button 5	Button 6	Button 7	Button 8
Button 1	Button 2	Button 3	Button 4
Button 5	Button 6	Button 7	Button 8
Button 1	Button 2	Button 3	Button 4
Button 5	Button 6	Button 7	Button 8

Active DAW: Cubase MIDI Out: LM Inte Cubende MIDI In: LM From Cubend

VISUAL CUES

Yellow for Transport.
Pink for Workspaces.
Blue for Mixers.
Instant visual recognition.

[MIDI CC]

CC

MIDI Control Change. Used for faders, transport, and continuous parameters.

[MIDI NOTE]

NOTE

MIDI Notes. Trigger drums, synth stabs, or specific DAW functions mapped to notes.

[SHORTCUTS]

KEY

Key Commands. The true power. Send shortcuts like 'Ctrl+Shift+L' directly to the OS.

[RIGHT CLICK TO EDIT]

Edit Button Action

Move Left Move Right

Name:

Tooltip:

Channel:

Type:

Value:

Press:

Release:

Add Delete

Save Cancel

THE MACRO ENGINE

Key String Editor

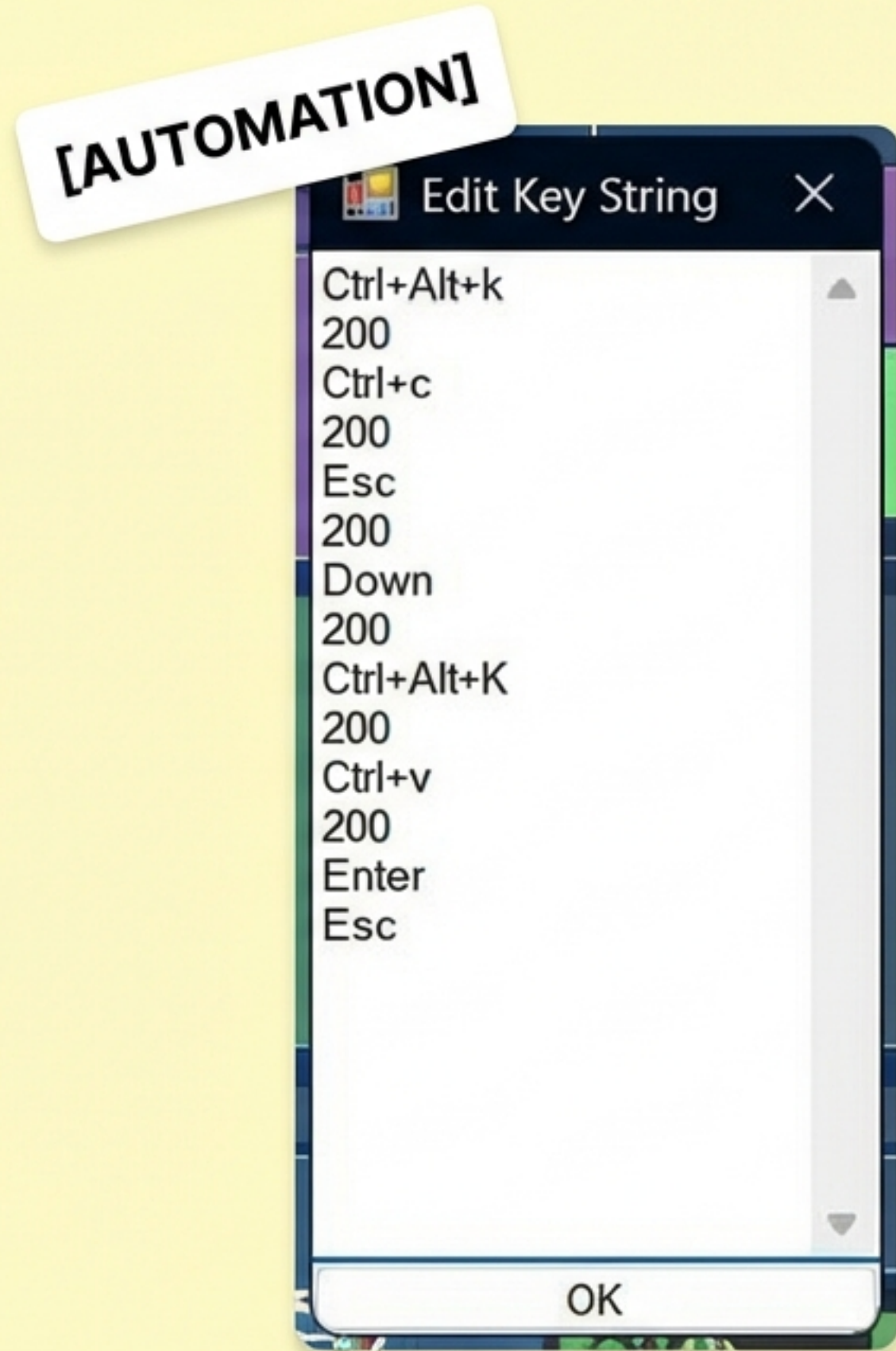
Ctrl+C

200 (Wait 200ms)

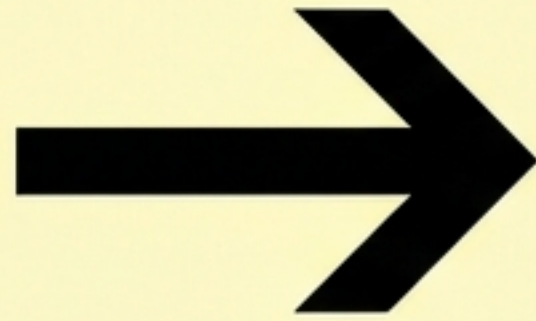
Ctrl+V

[Repeat=2]

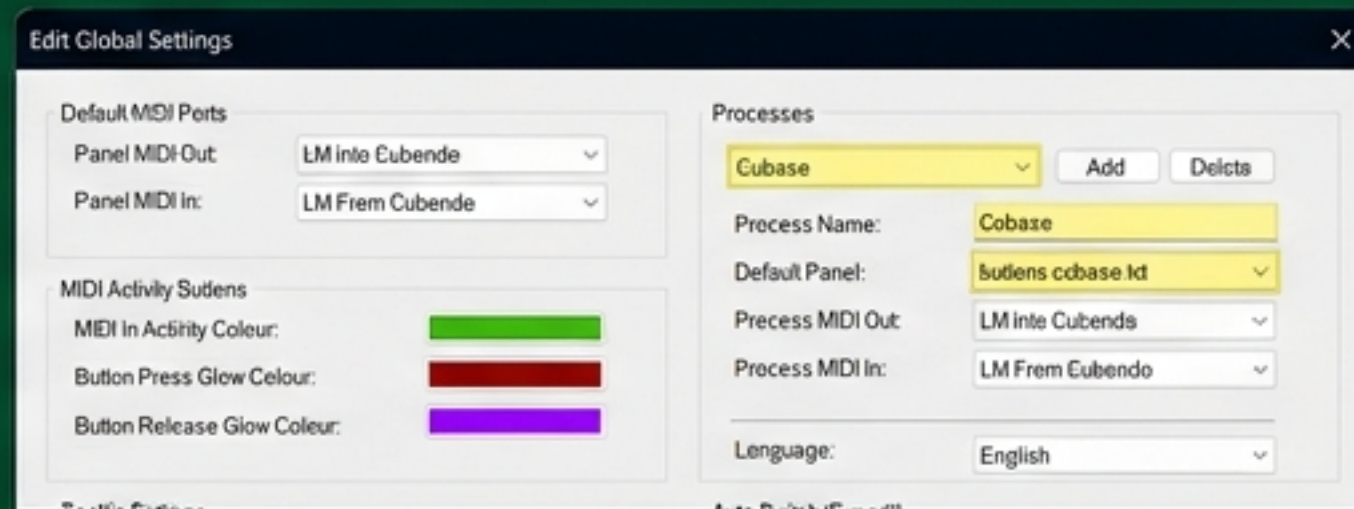
Chain multiple commands on separate lines. Insert delays (milliseconds) to let the DAW catch up.



CUBASE IN FOCUS



WAVELAB IN FOCUS



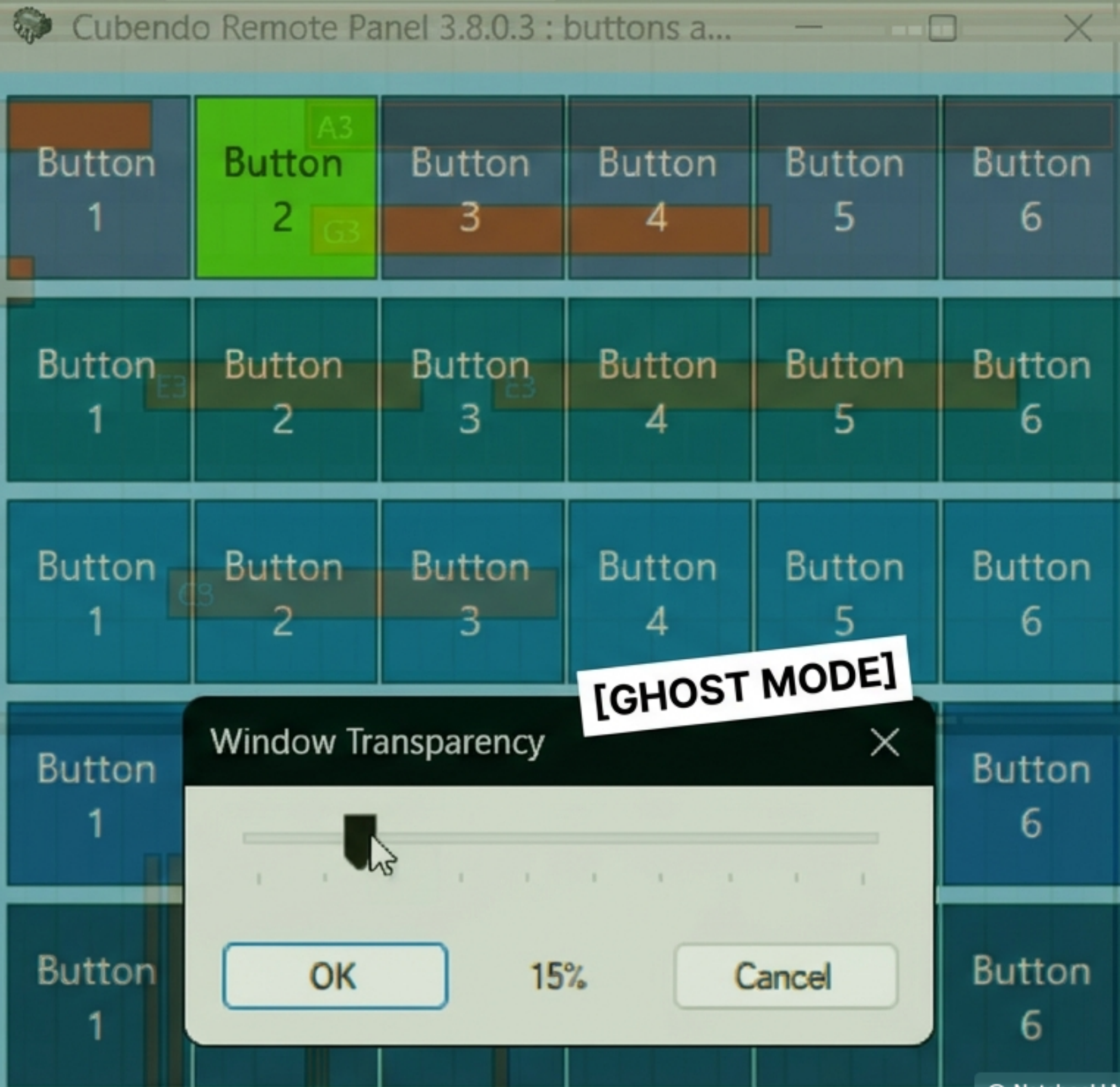
CONTEXT AWARENESS

The app detects the active window. Alt-Tab from Cubase to WaveLab, and the panel automatically loads 'buttons wavelab.txt'.

[AUTO-SWITCHING]

VISUAL TUNING

- Panel Transparency Slider
- Button Width / Height / Gap
- Custom Fonts & Sizes
- Always On Top Toggle



UNDER THE HOOD: .TXT

#1,Transport,LightYellow

Play, Start Playback, 1, CC, 60, 127

Stop, Stop Playback, 1, CC, 61, 127

DATA STRUCTURE

[NO PROPRIETARY FORMATS]

Name, Tooltip, Channel, Type, Value, Press, Release.

Secondary text: Manually edit layouts in Notepad. Copy/Paste entire sections between files.

[INDUSTRY VETERAN]

Phil Pendlebury
EVERYTHING CREATIVE

[FOUNDER PROFILE]

PHIL PENDLEBURY

Founder, Everything
Creative

30+ Years Experience. Worked with Ministry of Sound, EMI, Universal Audio, Erasure, and Lady Gaga.

"A unique intersection of high-level artistic production and rigorous technical architecture."

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Recommended £4.99 (Pay What You Want)

[DOWNLOAD NOW]

SYSTEM REQUIREMENTS

Windows 10/11. Requires .NET 4.8.1 Runtime.