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Integra7Control

Tone browser and part control for the Roland INTEGRA-7

64-bit VST3 instrument for Windows



User Guide · Version 1.0.0 · October 2026

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Introduction

Integra7Control is a **64-bit VST3 instrument plugin for Windows** that turns your DAW into a tone browser and controller for the **Roland INTEGRA-7** sound module. Instead of scrolling through more than 6,000 tones on the INTEGRA-7's small display, you pick an instrument family from a grid of colourful tiles, click a tone, and the plugin sends the bank and program change to the INTEGRA-7 part you choose.

Because it runs inside your DAW, everything is saved with your project. When you open a song, each track sends its INTEGRA-7 part the right tone again, together with any part settings you changed. Its part controls and macros are ordinary plugin parameters, so you can automate them on the DAW's timeline.

One copy of the plugin controls one INTEGRA-7 part. Put the plugin on several tracks, set each one to a different part, and you can build and play a full 16-part arrangement from your DAW.

What you need

- Windows 10 or 11, 64-bit.
- A DAW that loads 64-bit VST3 instruments and can send a plugin's MIDI output to a hardware MIDI port. Integra7Control was developed and tested with **REAPER**; [Section 6](#) has setup notes for other DAWs.
- A Roland INTEGRA-7 connected by USB (with Roland's INTEGRA-7 driver) or by a MIDI interface.

Integra7Control and the Integra7Control Workbench

Sierra Digital Audio also makes the free **Integra7Control Workbench**, a standalone Windows program for the INTEGRA-7. The two work well together: use the plugin to choose and control tones while you produce in your DAW, and the Workbench for deep Studio Set editing, the mixer, backups and loading expansions. Close one before using the other, because both use the INTEGRA-7's MIDI port (see [Troubleshooting](#)).

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Features

Click any feature to go to its description.

Feature	What it does
7.1 The first screen	The instrument grid you see when you open the plugin, and where everything is.
7.2 The plugin window	A quick tour of every control.
7.3 Part and Studio Set channel	Choose which INTEGRA-7 part this plugin controls.
7.4 Instrument grid	17 instrument families plus Favourites, Recent and Studio Sets, each with a tone count.
7.5 Tone lists	Click to send a tone, double-click to hear it; sort by any column; narrow by category.
7.6 Search	Find tones by name or category across all 6,000+ tones.
7.7 Sound bank filter	Show only the tones of one sound bank or expansion.
7.8 Favourites and Recent	Star the tones you like; get back to the last 50 you sent.
7.9 Studio Sets	Select any of the INTEGRA-7's 64 Studio Sets.
7.10 Expansion slots	Tones from expansions that aren't loaded are shown in gray.
7.11 Bank and patch entry	Send any bank and patch, including your user tones.
7.12 Preview	Hear a tone with a short phrase, without playing your project.
7.13 Notes to part ch	The track's notes play on the plugin's part.
7.14 Part controls	15 automatable part controls: volume, pan, sends, filter, envelope, vibrato, portamento.
7.15 Automation	Draw changes to any part control or macro on the DAW's timeline.
7.16 Macros	One knob moves up to 4 part controls, each over its own range.
7.17 Project recall, Resend and Panic	Your tone and settings come back when the project opens.
7.18 Several parts at once	One plugin per part for a full multi-part arrangement.
7.19 MIDI out light and status line	See at a glance whether MIDI is reaching your DAW.

Getting started

- 4. Installing the plugin
- 5. Setting up in REAPER
- 6. Setting up in other DAWs (Appendices 1-6)
- 8. Troubleshooting

4. Installing the plugin

Integra7Control is downloaded from the Sierra Digital Audio website as a zip file, **Integra7Control.vst3.zip**. Inside it is a folder named **Integra7Control.vst3**. (A VST3 plugin is a folder, even though its name ends in .vst3.)

1. **Download the plugin.** Go to sierradigitalaudio.com, open **Products** → **Integra7Control VST3i**, and click **Windows 11 Integra7Control VST3i**. Your browser saves **Integra7Control.vst3.zip** to your **Downloads** folder. If the browser warns that the file isn't commonly downloaded, choose **Keep**.
2. **Unblock the zip file, if necessary.** Windows marks files downloaded from the internet as blocked. In File Explorer, right-click **Integra7Control.vst3.zip** and choose **Properties**. If the **General** tab shows a **Security** line saying the file came from another computer, tick **Unblock** and click **OK**. If there is no Unblock box, the file isn't blocked; go on to the next step. Unblocking the zip before you unzip it means the files inside aren't blocked either.
3. **Unzip it.** Right-click **Integra7Control.vst3.zip** and choose **Extract All...**, then click **Extract**. Windows creates a folder named after the zip, and inside it is the plugin folder **Integra7Control.vst3**. The plugin folder is the one that contains a folder named **Contents**.
4. Close your DAW.
5. Copy that **Integra7Control.vst3** folder (the one that contains **Contents**) to **C:\Program Files\Common Files\VST3**. Windows asks for administrator permission; click **Continue**. This is the standard VST3 folder, and every VST3 host looks there.
6. Start your DAW and let it scan for new plugins. If Integra7Control doesn't appear, re-scan from the DAW's plugin settings (in REAPER: **Options** → **Preferences** → **Plug-ins** → **VST** → **Re-scan**).
7. Look for **Integra7Control (Sierra Digital Audio)** in the DAW's **instruments** list. In REAPER it is listed as **VST3i: Integra7Control (Sierra Digital Audio)**.

To update to a new version, download, unblock and unzip the new Integra7Control.vst3.zip as in steps 1-3, close the DAW, and copy the new Integra7Control.vst3 folder over the old one (choose **Replace**). Your projects, Favourites and expansion slot settings are kept.

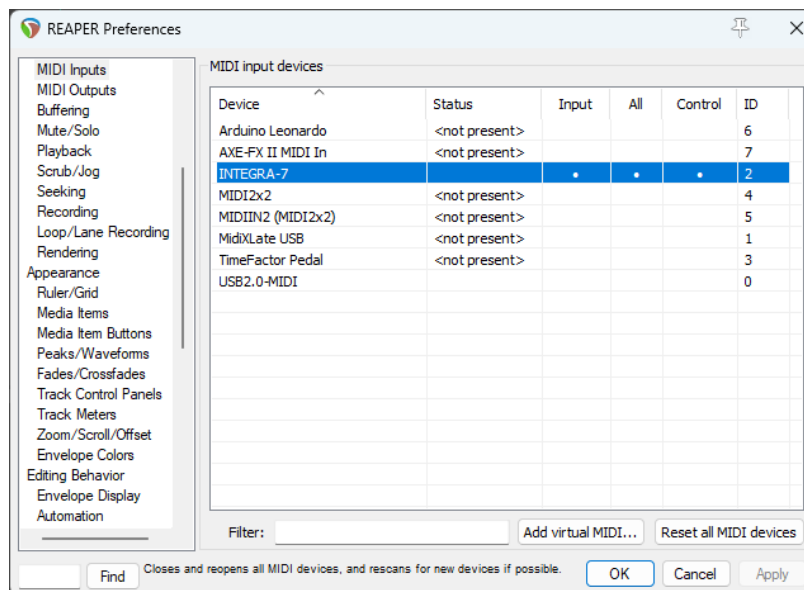
To uninstall, close the DAW and delete the Integra7Control.vst3 folder from C:\Program Files\Common Files\VST3. Favourites and expansion slots are stored in **%APPDATA%\Sierra Digital Audio\Integra7Control VST.settings**; delete that file too if you want to remove everything. You can also delete the downloaded zip file and the folder you unzipped.

5. Setting up in REAPER

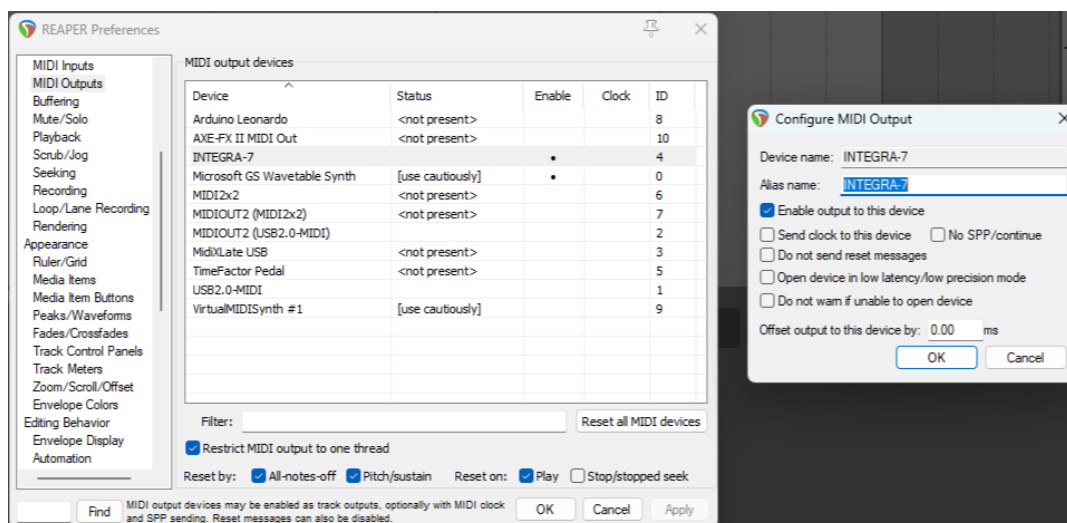
These steps set up one REAPER track to control one INTEGRA-7 part. Repeat steps 2-6 for each part you want to use (see [Several parts at once](#)).

Step 1 - Enable the INTEGRA-7 in REAPER

Open **Options** → **Preferences** → **Audio** → **MIDI Inputs** and set the **INTEGRA-7** to **Enabled**. Then open **MIDI Outputs** and enable the **INTEGRA-7** there too: the output is the one Integra7Control uses to send tone changes. Close any other program that uses the INTEGRA-7, such as the Integra7Control Workbench, first.



MIDI Inputs: the INTEGRA-7 enabled.



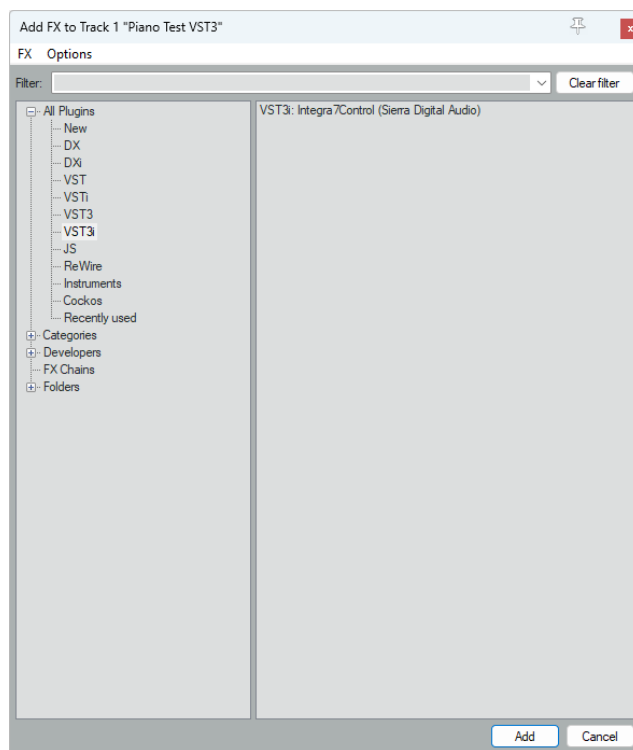
MIDI Outputs: the INTEGRA-7 enabled ("Enable output to this device").

Step 2 - Insert a MIDI track

Choose **Track** → **Insert new track** (Ctrl+T), or use a track that already holds the part's MIDI.

Step 3 - Add the plugin to the track

Click the track's **FX** button, type **Integra7Control** in the filter box (or click **VST3i** in the list on the left), and add **VST3i: Integra7Control (Sierra Digital Audio)**.



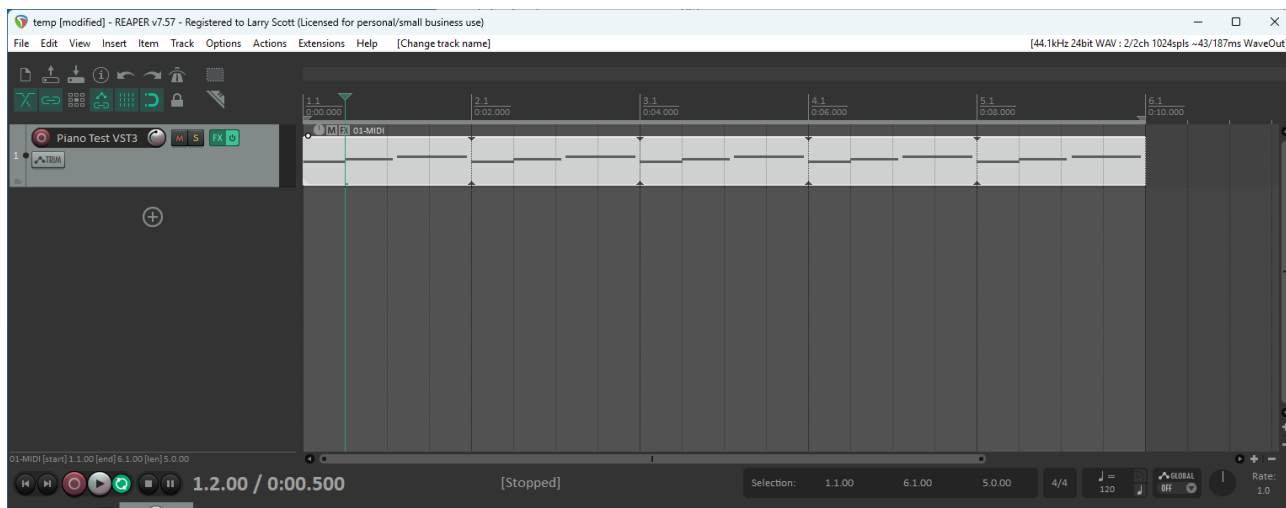
REAPER's Add FX window with Integra7Control under VST3i.

Step 4 - Give the track something to play

Add a MIDI item with notes for the part. REAPER only runs a track's plugins while the project plays, or while the track is armed with input monitoring on. Until then the plugin's **MIDI out** light is red, and any tones you choose are sent as soon as REAPER starts running it.

Step 5 - Set loop points for auditioning (optional)

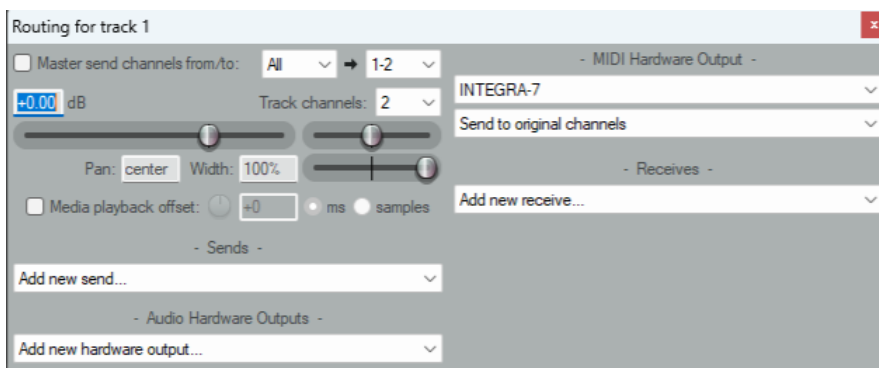
Drag across the timeline over your MIDI item and turn on **Repeat** (R). The part then plays continuously while you click through tones and hear each one in context.



A MIDI item with a loop selection (bars 1-6) and Repeat on.

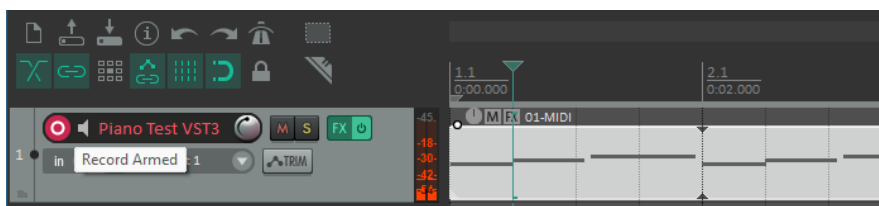
Step 6 - Route the track's MIDI to the INTEGRA-7

In the **Mixer** (Ctrl+M), find the track and click its **Route** button. Under **MIDI Hardware Output**, choose **INTEGRA-7** and leave the channel setting at **Send to original channels**. Integra7Control puts everything it sends, and the track's notes, on the part's channel for you.



The track's routing window: MIDI Hardware Output set to INTEGRA-7.

Tip: to browse tones without playing the project, arm the track (red record button) and turn on record monitoring. REAPER then runs the plugin all the time, and you can audition tones with the plugin's **Preview** button or REAPER's Virtual MIDI Keyboard (Alt+B).



An armed track with record monitoring on.

6. Setting up in other DAWs

Integra7Control works in any DAW that hosts 64-bit VST3 instruments, but every DAW connects a plugin's MIDI output to a hardware MIDI port in its own way. In most of them the plugin goes on one track and a second track takes the plugin's MIDI output and sends it to the INTEGRA-7. The appendices at the end of this guide describe the setup for each DAW:

Appendix	DAW
Appendix 1	Steinberg Cubase
Appendix 2	PreSonus Studio One
Appendix 3	Ableton Live
Appendix 4	Image-Line FL Studio
Appendix 5	Bitwig Studio
Appendix 6	Cakewalk / Sonar

Integra7Control was developed and tested in REAPER. The steps for the other DAWs are based on each DAW's documentation and published routing guides; menu names can differ between versions. Whatever the DAW, the goal is the same: the plugin's MIDI output must reach the INTEGRA-7's MIDI output port. The plugin's [MIDI out light](#) shows whether the DAW is running the plugin and receiving its MIDI.

7. Using Integra7Control

This section describes every part of the plugin window, starting with the first screen you see. Each heading is listed in the [Features](#) summary.

7.1 The first screen



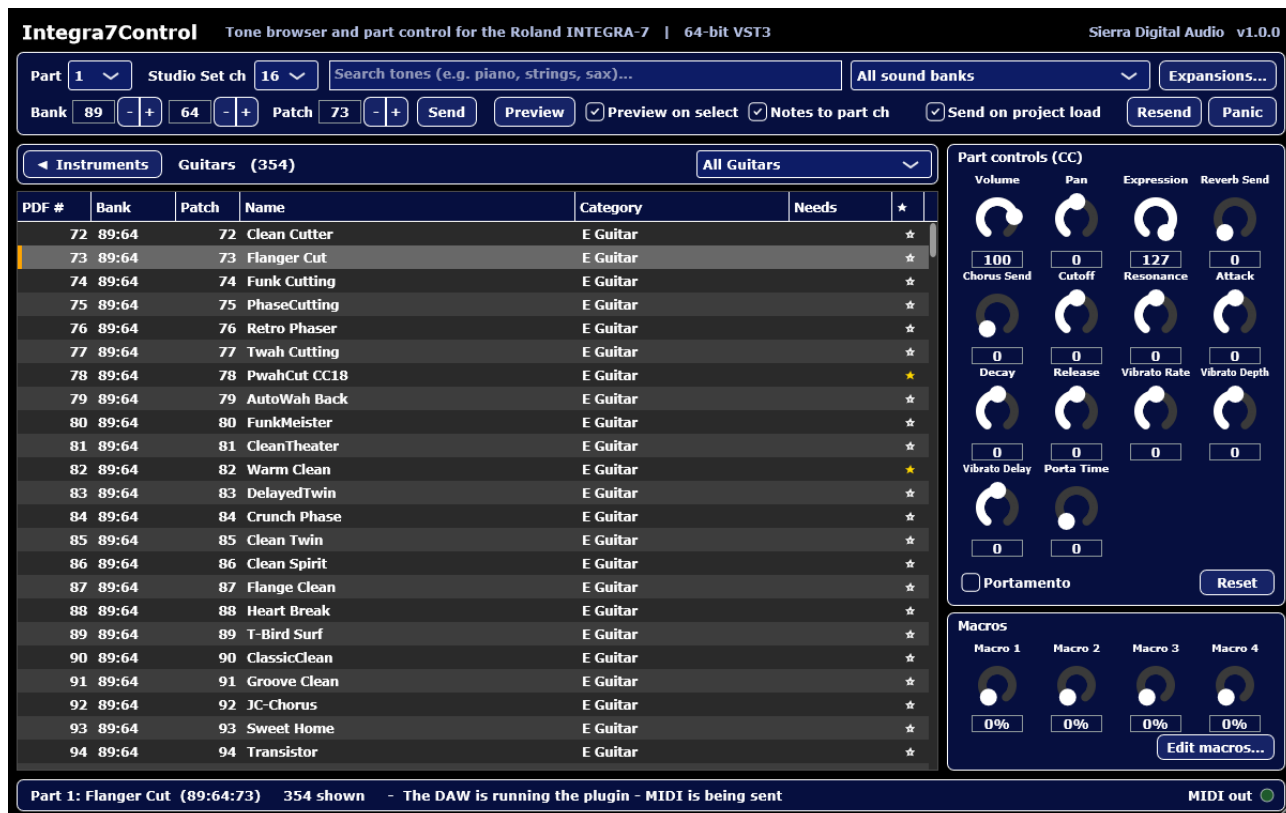
The first screen: the instrument grid, with the toolbar above and the part controls on the right.

When you add Integra7Control to a track and open its window, it shows the **instrument grid**. This is where you start: pick a family of instruments, then a tone, and the plugin sends it to the INTEGRA-7 part you chose. The window has four areas:

- **Toolbar** (top) - choose the **Part** this plugin controls, search all tones, filter by sound bank, and send or preview a tone.
- **Instrument grid** (left) - click a tile to open that family's tone list. Click **Instruments**, or press **Backspace**, to come back to the grid.
- **Part controls and Macros** (right) - change the part's volume, pan, sends, filter, envelope and vibrato, and automate them in your DAW.
- **Status line and MIDI out light** (bottom of the window) - show the tone on the part, short messages, and whether MIDI is getting out of the plugin.

To get started, set the Part, click a tile such as **Pianos**, and click a tone. Your DAW must be running the plugin for the tone to be sent: press **Play**, or arm the track with input monitoring on (see 7.19). 7.2 describes every control in the window, and 7.4 lists the Roland categories in each tile.

7.2 The plugin window



The Integra7Control window, showing the Guitars tone list.

Area	What it does
Title bar	The plugin name, what it is for, and its version.
Part / Studio Set ch	The INTEGRA-7 part this plugin controls, and the INTEGRA-7's Studio Set control channel. See 7.3 .
Search box	Find tones by name. See 7.6 .
Sound bank drop-down	Show only one sound bank or expansion. See 7.7 .
Expansions...	Set which expansions are in the INTEGRA-7's slots. See 7.10 .
Bank / Patch / Send	Send any bank and patch. See 7.11 .
Preview, Preview on select	Hear the tone. See 7.12 .
Notes to part ch	Play the track's notes on the part. See 7.13 .
Send on project load, Resend, Panic	See 7.17 .
Instrument grid / tone list	The left side shows the instrument grid, or the tone list of the tile you clicked. See 7.4 and 7.5 .

Area	What it does
Part controls	15 automatable controls for the part. See 7.14 .
Macros	4 automatable macros. See 7.16 .
Status line, MIDI out	The tone on the part, messages, and the MIDI activity light. See 7.19 .

The window can be resized by dragging its bottom-right corner. Hover over any control to see a short tooltip.

7.3 Part and Studio Set channel



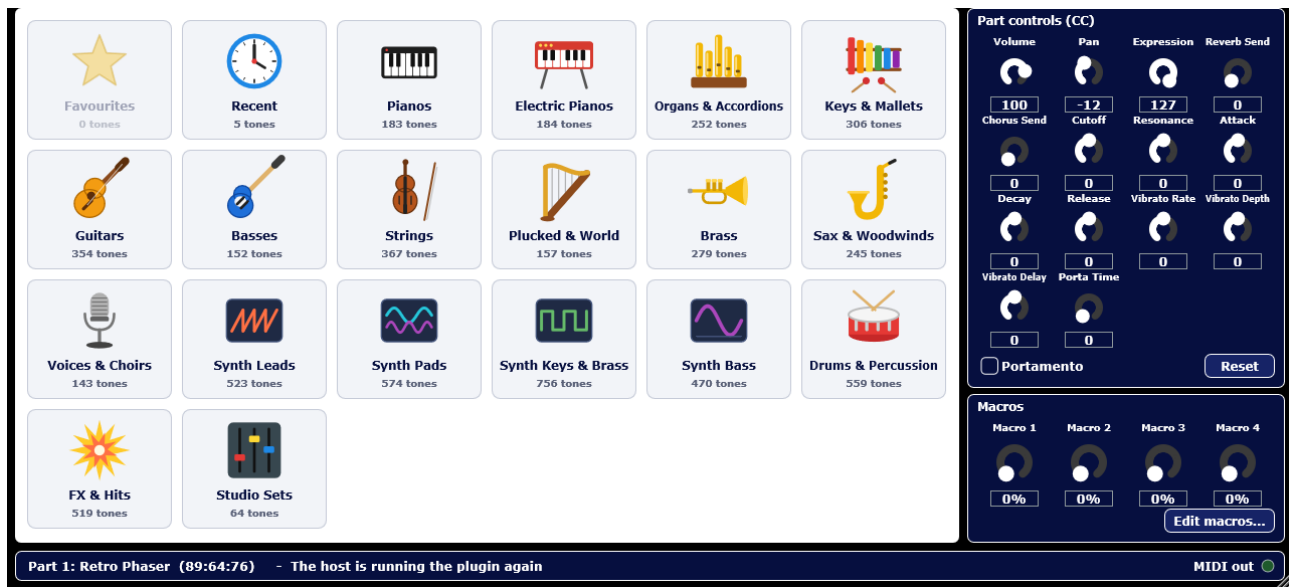
The toolbar.

- **Part (1-16)** - the INTEGRA-7 part this plugin controls. Tone changes, part controls, macros and previews are sent on this MIDI channel, and with [Notes to part ch](#) ticked the track's notes are too. The part on the INTEGRA-7 must receive on the same channel; in the INTEGRA-7's factory Studio Sets part 1 receives on channel 1, part 2 on channel 2, and so on.
- **Studio Set ch** - the INTEGRA-7's **Studio Set Control Channel** (a SYSTEM setting on the INTEGRA-7, factory default 16). Studio Set changes are sent on this channel. Change it only if you have changed it on the INTEGRA-7.

Give each copy of the plugin its own part. If two tracks are set to the same part, the last tone sent wins, and with Send on project load both send their tone to that part when the project opens.

7.4 The instrument grid

When you open the plugin it shows the instrument grid: a tile for each instrument family, plus Favourites, Recent and Studio Sets. Each tile shows how many tones it holds. Click a tile to open its tone list; tiles with no tones (for example Favourites before you add any) are faded and can't be clicked.



The instrument grid.

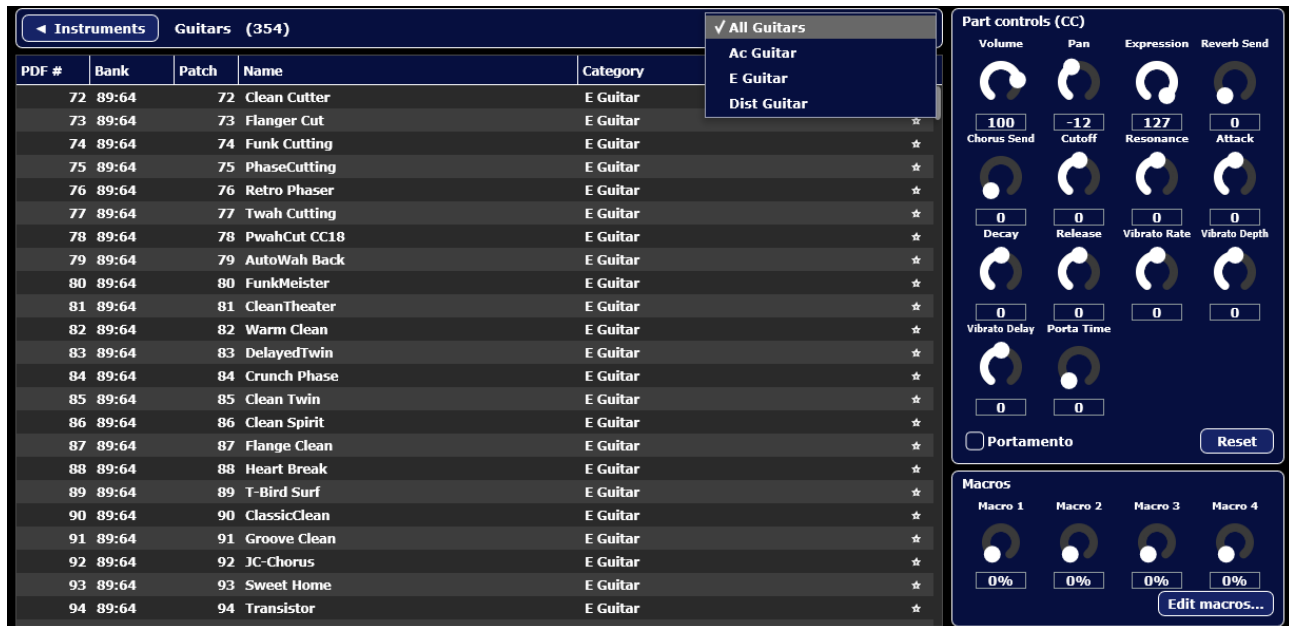
Each family groups one or more of Roland's tone categories:

Tile	Roland categories in it
Pianos	Ac Piano
Electric Pianos	E Piano
Organs & Accordions	Organ, Accordion/Harmonica
Keys & Mallets	Other Keyboards, Bell/Mallet
Guitars	Ac Guitar, E Guitar, Dist Guitar
Basses	Ac Bass, E Bass
Strings	Strings, Ensemble Strings
Plucked & World	Plucked/Stroke
Brass	Brass
Sax & Woodwinds	Sax, Flute, Recorder, Wind
Voices & Choirs	Vox/Choir
Synth Leads	Synth Lead
Synth Pads	Synth Pad/Strings, Synth Bellpad
Synth Keys & Brass	Synth PolyKey, Synth Brass, Synth Seq/Pop, Pulsating
Synth Bass	Synth Bass
Drums & Percussion	Drum, Percussion, Beat&Groove;, Phrase
FX & Hits	FX, Sound FX, Hit

The plugin remembers which tile was open, and the project saves it.

7.5 Tone lists

Clicking a tile replaces the grid with that family's tones. Above the list are the **Instruments** button (or press **Backspace**) to go back to the grid, the family name and tone count, and a drop-down that narrows the list to one of the family's Roland categories.



The Guitars list, with the category drop-down open.

Column	Meaning
PDF #	The tone's number in Roland's <i>INTEGRA-7 Sound List</i> PDF. Roland numbers each sound bank separately, so two tones from different banks can share a number (for example SN Acoustic #239 and PCM Synth #239).
Bank	Bank Select MSB:LSB, e.g. 89:64.
Patch	Patch number 1-128 within the bank.
Name / Category	The tone's name and Roland category.
Needs	The expansion the tone needs, e.g. SRX-02. Blank for built-in tones.
★	Click the star to add or remove the tone from Favourites.

- **Click a tone** to send it to the part. The **up/down arrow keys** move through the list and send each tone as you go, which is a quick way to audition while the part plays.
- **Double-click** a tone, or press **Enter**, to hear its preview phrase (see [Preview](#)).
- An **orange bar** at the left marks the tone currently on the part.
- **Click a column heading** to sort by that column; click again to reverse the order.

Integra7Control Tone browser and part control for the Roland INTEGRA-7 | 64-bit VST3 Sierra Digital Audio v1.0.0

Part **1** Studio Set ch **16** Search tones (e.g. piano, strings, sax)...

Bank **89** Patch **6** Send Preview ☒ Preview on select ☐ Keyboard to part ch ☒ Send on project load Resend Panic

← Instruments Pianos (183)

PDF #	Bank	Patch	Name	Category	Needs	★
1	89:64	1	Full Grand 1	Ac Piano		★
2	89:64	2	Full Grand 2	Ac Piano		★
3	89:64	3	Full Grand 3	Ac Piano		★
4	89:64	4	Deep Grand	Ac Piano		★
5	89:64	5	BrightGrand	Ac Piano		★
6	89:64	6	UprightPiano	Ac Piano		★
7	89:64	7	Mono Grand	Ac Piano		★
8	89:64	8	Rock Grand	Ac Piano		★
9	89:64	9	HonkyTonk Pf	Ac Piano		★
10	89:64	10	'76 Pure	Ac Piano		★
11	89:64	11	'73 Pure	Ac Piano		★
12	89:64	12	'76 Stage	Ac Piano		★
13	89:64	13	'73 Stage	Ac Piano		★
14	89:64	14	'76 Time	Ac Piano		★
15	89:64	15	'73 Time	Ac Piano		★
16	89:64	16	'81 Time	Ac Piano		★
17	89:64	17	Felt Time	Ac Piano		★
18	89:64	18	Dyno Time	Ac Piano		★
19	89:64	19	Tea Time	Ac Piano		★
20	89:64	20	Small Space	Ac Piano		★
21	89:64	21	Phaser Dyno	Ac Piano		★
22	89:64	22	90 Shift EP	Ac Piano		★
23	89:64	23	SlowSpin EP	Ac Piano		★

Part controls (CC)

Volume **100** Pan **-12** Expression **127** Reverb Send **0**

Chorus Send **0** Cutoff **0** Resonance **0** Attack **0**

Decay **0** Release **0** Vibrato Rate **0** Vibrato Depth **0**

Vibrato Delay **0** Porta Time **0**

☐ Portamento Reset

Macros

Macro 1 **0%** Macro 2 **0%** Macro 3 **0%** Macro 4 **0%**

Edit macros...

Part 1: UprightPiano (89:64:6) 183 shown - Sent bank 89:64, patch 6 MIDI out

UprightPiano selected and sent; the status line confirms the bank and patch.

7.6 Search

Type in the search box at the top. From the instrument grid, the search covers every tone; inside a family, it searches just that family. Type several words to find tones that match all of them, for example *warm pad*. The search matches tone names, short names, categories and bank numbers. Press **Esc** in the box, or click **■ Instruments**, to clear it.

Integra7Control Tone browser and part control for the Roland INTEGRA-7 | 64-bit VST3 Sierra Digital Audio v1.0.0

Part **1** Studio Set ch **16** All sound banks

Bank **89** **64** Patch **4** ☒ Preview on select ☐ Keyboard to part ch ☒ Send on project load

◀ Instruments Search results - "sax" (54)

PDF #	Bank	Patch	Name	Category	Needs	★
231	89:65	103	Sop Sax 1	Sax		★
232	89:65	104	SopSax1 Soft	Sax		★
233	89:65	105	Alto Sax 1	Sax		★
234	89:65	106	A Sax 1 Soft	Sax		★
235	89:65	107	TenorSax 1	Sax		★
236	89:65	108	T Sax 1 Soft	Sax		★
237	89:65	109	T Sax Growl	Sax		★
238	89:65	110	Bari Sax 1	Sax		★
239	89:65	111	B Sax 1 Soft	Sax		★
239	87:65	111	Sop Sax mif	Sax		★
240	87:65	112	Alto Sax	Sax		★
241	87:65	113	AltoLead Sax	Sax		★
242	87:65	114	Tenor Sax	Sax		★
243	87:65	115	Baritone Sax	Sax		★
244	87:65	116	Take A Tenor	Sax		★
245	87:65	117	Sax Section	Sax		★
246	87:65	118	Bigband Sax	Sax		★
258	87:66	2	Tp&Sax Sect	Brass		★
259	87:66	3	Sax+Tp+Tb	Brass		★
438	87:67	54	Sax Choir	Sax		★
500	87:67	116	Blue Notes	Sax		★
620	87:68	108	Solo SoprSax	Sax		★
621	87:68	109	Solo AltoSax	Sax		★

Part controls (CC)

Volume Pan Expression Reverb Send

Chorus Send Cutoff Resonance Attack

Decay Release Vibrato Rate Vibrato Depth

Vibrato Delay Porta Time

☐ Portamento

Macros

Macro 1 Macro 2 Macro 3 Macro 4

Searching for "sax" across all tones.

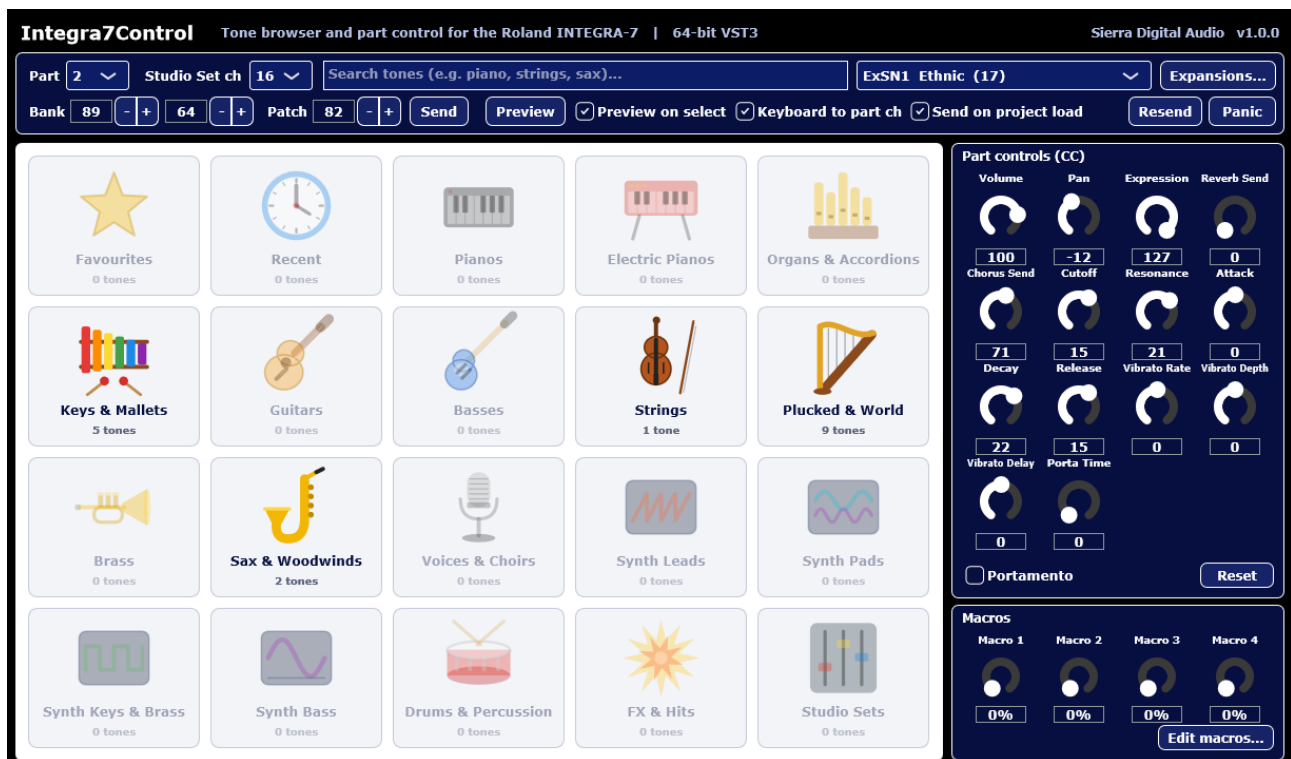
7.7 Sound bank filter

The sound bank drop-down shows only the tones of one sound bank or expansion, such as *SuperNATURAL Synth Tones* or *SRX-06 Complete Orchestra*. The number after each bank is how many tones it has. Choose **All sound banks** to see everything again.



The sound bank drop-down.

With a bank chosen, the tile counts in the instrument grid show only that bank's tones, and tiles with none are faded. This is a quick way to see what an expansion offers.



ExSN1 Ethnic chosen: only four families have ExSN1 tones.

7.8 Favourites and Recent

Click the ★ in a tone list to add a tone to **Favourites**; click it again to remove it. Favourites are shared by every copy of the plugin and every project, so your favourite tones are always one click away.

← Instruments **Favourites (4)**

PDF #	Bank	Patch	Name	Category	Needs	★
1	89:64	1	Full Grand 1	Ac Piano		★
11	89:64	11	73 Pure	Ac Piano		★
78	89:64	78	PwahCut CC18	E Guitar		★
82	89:64	82	Warm Clean	E Guitar		★

Part controls (CC)

Volume Pan Expression Reverb Send

100 -12 127 0

Chorus Send Cutoff Resonance Attack

71 15 21 0

Decay Release Vibrato Rate Vibrato Depth

22 15 0 0

Vibrato Delay Porta Time

0 0

☐ Portamento Reset

Macros

Macro 1 Macro 2 Macro 3 Macro 4

0% 0% 0% 0%

Edit macros...

The Favourites list.

Recent lists the last 50 tones this plugin sent, newest first. Recent is saved with the project, so each track keeps its own history.

← Instruments **Recent (13)**

PDF #	Bank	Patch	Name	Category	Needs	★
82	89:64	82	Warm Clean	E Guitar		★
78	89:64	78	PwahCut CC18	E Guitar		★
11	89:64	11	73 Pure	Ac Piano		★
1	89:64	1	Full Grand 1	Ac Piano		★
5	89:64	5	BrightGrand	Ac Piano		★
12	89:64	12	76 Stage	Ac Piano		★
8	89:64	8	Rock Grand	Ac Piano		★
6	89:64	6	UprightPiano	Ac Piano		★
4	89:64	4	Deep Grand	Ac Piano		★
76	89:64	76	Retro Phaser	E Guitar		★
72	89:64	72	Clean Cutter	E Guitar		★
2	89:64	2	Full Grand 2	Ac Piano		★
3	89:64	3	Full Grand 3	Ac Piano		★

Part controls (CC)

Volume Pan Expression Reverb Send

100 -12 127 0

Chorus Send Cutoff Resonance Attack

71 15 21 0

Decay Release Vibrato Rate Vibrato Depth

22 15 0 0

Vibrato Delay Porta Time

0 0

☐ Portamento Reset

Macros

Macro 1 Macro 2 Macro 3 Macro 4

0% 0% 0% 0%

Edit macros...

The Recent list; gold stars show which are also Favourites.

7.9 Studio Sets

The **Studio Sets** tile lists the INTEGRA-7's 64 Studio Sets. Clicking one selects it on the INTEGRA-7 (sent on the [Studio Set channel](#)). Sets 1-16 are Roland's factory sets; 17-24 are, by default, the user sets the Integra7Control Workbench sets up (User1-User8).

The screenshot shows the 'Studio Sets' list on the left and the 'Part controls (CC)' panel on the right. The Studio Sets list is a table with columns: PDF #, Bank, Patch, Name, Category, Needs, and a star icon. The Part controls (CC) panel shows various parameters like Volume, Pan, Expression, Reverb Send, Chorus Send, Cutoff, Resonance, Attack, Decay, Release, Vibrato Rate, Vibrato Depth, Vibrato Delay, and Porta Time, each with a knob and a numerical value. A 'Reset' button is at the bottom right of the CC panel.

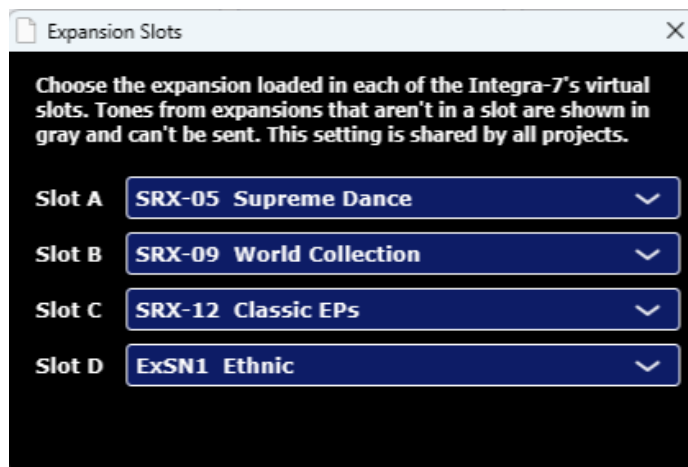
PDF #	Bank	Patch	Name	Category	Needs	★
1	85:0	1	Integra Preview	Studio Set		★
2	85:0	2	Full Orch Set	Studio Set		★
3	85:0	3	Chamber Orch Set	Studio Set		★
4	85:0	4	Electro Set	Studio Set		★
5	85:0	5	Techno Set	Studio Set		★
6	85:0	6	Rock Band Set	Studio Set		★
7	85:0	7	Jazz Band Set	Studio Set		★
8	85:0	8	Big Band Set	Studio Set		★
9	85:0	9	Ac Pop Set	Studio Set		★
10	85:0	10	R&B Set	Studio Set		★
11	85:0	11	Country Set	Studio Set		★
12	85:0	12	World Pop Set	Studio Set		★
13	85:0	13	Keyboard Set	Studio Set		★
14	85:0	14	Guitar Set	Studio Set		★
15	85:0	15	House Set	Studio Set		★
16	85:0	16	Game Set	Studio Set		★

The Studio Sets list (factory sets 1-16).

Selecting a Studio Set replaces all 16 parts on the INTEGRA-7. Studio Sets are not sent again when the project opens; each plugin re-sends only its own part's tone.

7.10 Expansion slots

The INTEGRA-7 holds four expansions at a time (SRX boards, ExSN and ExPCM) in virtual slots A-D. Click **Expansions...** and choose the expansion in each slot to match your INTEGRA-7. The INTEGRA-7 doesn't report which expansions are loaded, so this setting only tells the plugin; it doesn't load anything. Load expansions with the INTEGRA-7's front panel or the Integra7Control Workbench. The setting is shared by all projects.



The Expansion Slots window.

Tones from expansions that aren't in a slot are shown in **gray**. Clicking one doesn't send it; the status line says which expansion it needs.

The screenshot shows the 'Instruments' panel with a list of pianos. The 'Part controls (CC)' panel on the right includes knobs for Volume, Pan, Expression, Reverb Send, Chorus Send, Cutoff, Resonance, Attack, Decay, Release, Vibrato Rate, and Vibrato Depth. It also has a 'Portamento' checkbox and a 'Reset' button. Below these are four macro knobs labeled Macro 1, Macro 2, Macro 3, and Macro 4, each with a percentage display and an 'Edit macros...' button.

SRX-02 tones in gray: SRX-02 isn't in any slot.

This screenshot shows the same Instruments list, but with several tones highlighted in gray, indicating they require the SRX-02 expansion. A status bar at the bottom reads: 'Part 2: Warm Clean (89:64:82) 183 shown - Steady Grand needs SRX-02 Concert Piano, which isn't in one of the 4 slots (Expansions...) MIDI out'.

Clicking a gray tone explains what it needs.

7.11 Bank and patch entry (user tones)

The **Bank** and **Patch** boxes send any bank and patch directly. Use them for your own **user tones**, which aren't in the tone lists. Set the bank MSB and LSB and the patch with the - / + buttons or by typing, then click **Send**. The boxes also show the bank and patch of the last tone you clicked.

Bank - + - + ☒ Preview on select ☒ Notes to part ch

The Bank and Patch boxes.

User bank	MSB : LSB	Patches
SuperNATURAL Acoustic	89 : 0-1	1-128 in each LSB (256)
SuperNATURAL Synth	95 : 0-3	1-128 in each LSB (512)
SuperNATURAL Drum Kits	88 : 0	1-64
PCM Synth	87 : 0-1	1-128 in each LSB (256)
PCM Drum Kits	86 : 0	1-32

7.12 Preview

Click **Preview** to play a short phrase on the part: a scale for most tones, or a drum pattern for drum kits. While it plays the button reads **Stop**. You can also double-click a tone, or press Enter, to preview it. Tick **Preview on select** to hear the phrase every time you choose a tone.



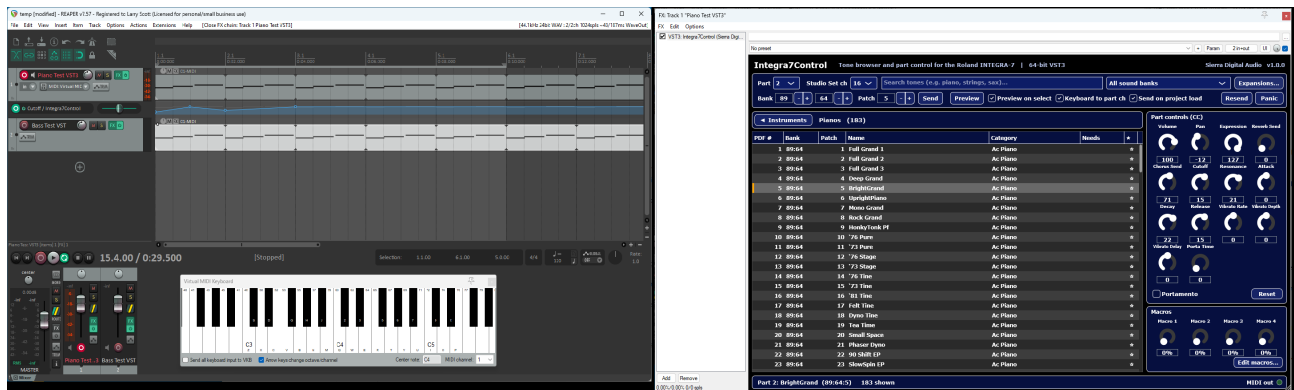
A preview playing: the button reads Stop.

The preview starts a moment after the tone is sent, to give the INTEGRA-7 time to load it. Like everything the plugin sends, it only plays while the DAW is running the plugin (see 7.19).

7.13 Notes to part ch

With **Notes to part ch** ticked (the default), the notes on the plugin's track - from MIDI items and from a keyboard - are moved to the plugin's **Part** channel. A track whose plugin is set to Part 2 therefore plays part 2, whatever channel its notes were recorded on.

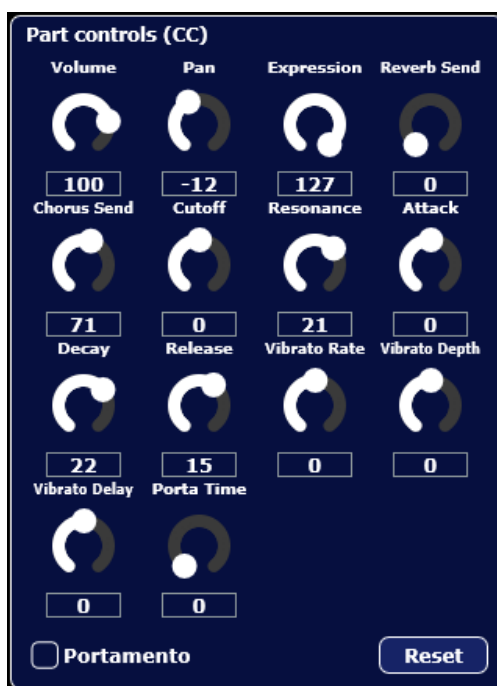
Untick it only if you want notes to keep their own channels. If notes then arrive on a different channel from the part, the option turns **orange** and the status line warns that they are playing a different part.



REAPER's Virtual MIDI Keyboard on channel 1 playing part 2 through the plugin.

7.14 Part controls

The Part controls panel sends Control Change messages to the part. Each knob is a plugin parameter, so it can be **automated**. Double-click a knob to reset it; **Reset** sets every control back to its default and sends it.



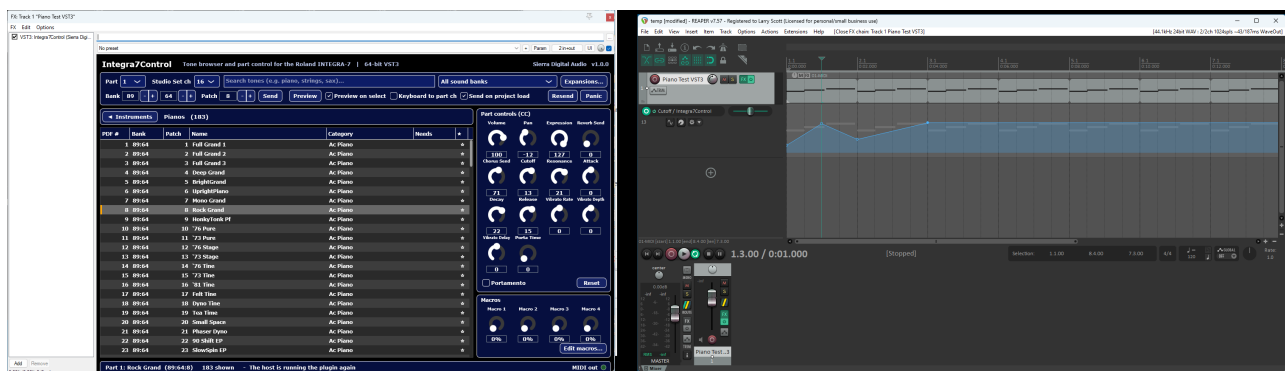
The Part controls panel.

Control	CC	Notes
Volume	7	Part level, 0-127.
Pan	10	-64 (left) to +63 (right), 0 = centre.
Expression	11	Expression, 0-127.
Reverb Send / Chorus Send	91 / 93	Send to the Studio Set's reverb and chorus.
Cutoff, Resonance	74, 71	Offsets from the tone's own setting; 0 = no change.
Attack, Decay, Release	73, 75, 72	Envelope offsets; 0 = no change.
Vibrato Rate, Depth, Delay	76, 77, 78	Vibrato offsets; 0 = no change.
Porta Time / Portamento	5 / 65	Portamento time and on/off.

Only controls you have changed are sent again when the project opens, so controls you never touched don't override the Studio Set's mix. How much an offset changes the sound depends on the tone.

7.15 Automation

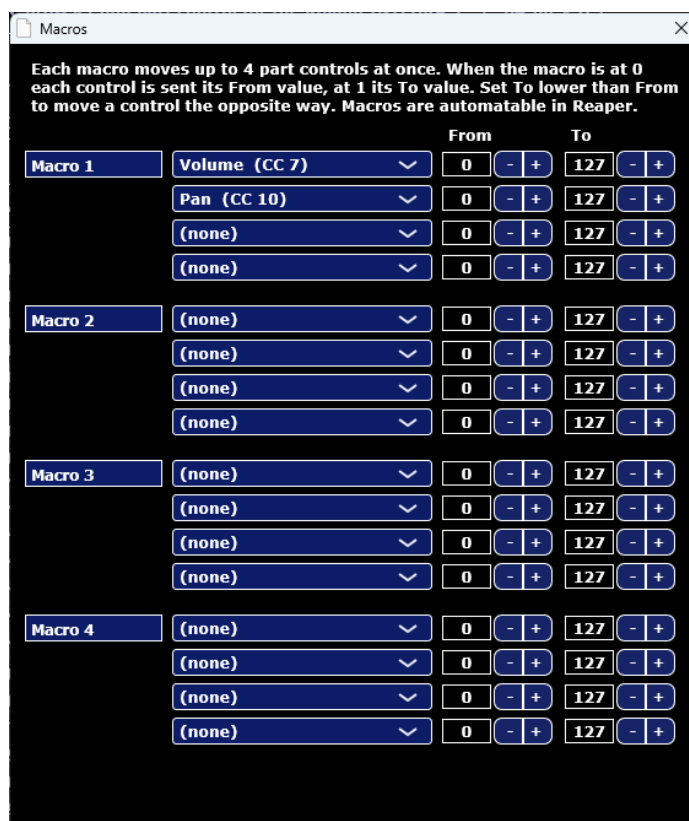
Every part control and macro appears in the DAW's automation list. In REAPER, move a knob in the plugin, then click **Param** in the FX window and show the track envelope for the last touched parameter (or use the track's envelope button). Draw points on the envelope lane; when the project plays, the knob follows and the INTEGRA-7 part changes with it.



A Cutoff envelope in REAPER; the plugin's Cutoff knob follows it.

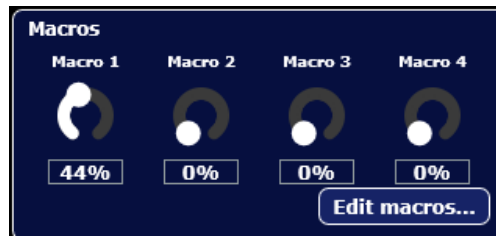
7.16 Macros

A macro is one knob that moves up to four part controls at once, each over its own range. Click **Edit macros...** to set them up: give a macro a name, choose up to four part controls, and set each one's **From** value (sent when the macro is at 0%) and **To** value (sent at 100%). Set To lower than From to move a control the opposite way.



The Macros window: Macro 1 moves Volume and Pan.

Turn the macro knob in the Macros panel, or automate it like any other parameter. A macro sends its controls directly; the part control knobs themselves don't move.



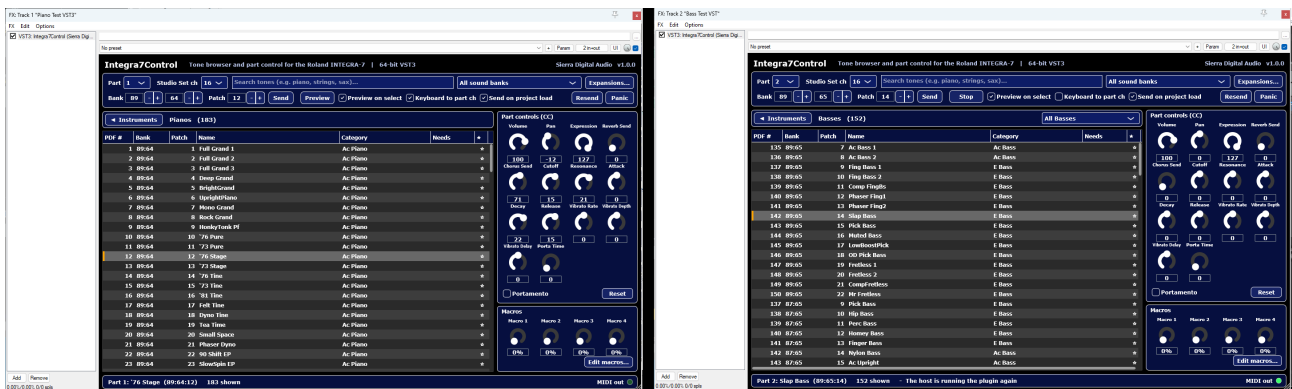
Macro 1 at 44%.

7.17 Project recall, Resend and Panic

- **Send on project load** (ticked by default) - when the project opens, the plugin sends the part's tone again, followed by the part controls and macros you have changed. Every track's part is back the way you left it.
- **Resend** - sends the tone and changed controls again now. Use it after switching the INTEGRA-7 on, or after changing the part on the INTEGRA-7's front panel.
- **Panic** - sends All Notes Off to the part and stops a preview.

7.18 Several parts at once

Put Integra7Control on one track for each part you want to use, and set each plugin to a different **Part**. Each plugin has its own tone, part controls, macros and Recent list, and controls only its own part.



Two tracks: piano on Part 1 and bass on Part 2.

Route every track's MIDI Hardware Output to the INTEGRA-7 ([Section 5](#), step 6), and leave **Notes to part ch** ticked so each track's notes play its own part.

7.19 MIDI out light and status line

The **status line** at the bottom shows the part and the tone on it, how many tones the list shows, and short messages, which clear themselves after a few seconds.

The **MIDI out** light at the bottom right shows whether MIDI is getting out of the plugin:

Light	Meaning
Bright green flash	The plugin has just sent MIDI to the DAW.

Light	Meaning
Dark green	The DAW is running the plugin; nothing to send right now.
Red	The DAW isn't running the plugin, so nothing can be sent yet. Press Play , or arm the track and turn on input monitoring. Tones you choose meanwhile are sent as soon as the DAW runs the plugin.



MIDI out light: dark green (left) and red (right).

8. Troubleshooting

The MIDI out light is red, and nothing changes on the INTEGRA-7

- The DAW isn't running the plugin. REAPER and most DAWs only run a track's plugins while the project plays, or while the track is armed with input monitoring on. Press **Play**, or arm the track and turn on monitoring. The light turns green and the tones you chose are sent at once.
- Check that the DAW's audio device is running (in REAPER, the audio device is shown at the right of the menu bar).



The red MIDI out light, with the waiting message in the status line.

The MIDI out light flashes green, but the INTEGRA-7 doesn't change

- The DAW's MIDI output to the INTEGRA-7 must be enabled. In REAPER: **Preferences** → **Audio** → **MIDI Outputs**, INTEGRA-7 enabled, with nothing in the Status column. If it shows <not present> or an error, REAPER couldn't open the port.
- The track must be routed to the INTEGRA-7: in REAPER, the track's **Route** window, **MIDI Hardware Output: INTEGRA-7**.
- Only one program at a time may be able to use the INTEGRA-7's USB MIDI port. Close the Integra7Control Workbench and any other MIDI program, then restart the DAW.
- On the INTEGRA-7, the part must receive on the plugin's Part channel, and **Receive Program Change** and **Receive Bank Select** must be on, both in the SYSTEM MIDI settings and for the part.
- Test the route without the plugin: arm the track, turn on monitoring and play REAPER's Virtual MIDI Keyboard (Alt+B). If no notes reach the INTEGRA-7, the problem is in the DAW's routing or the driver.

Two tracks play the same part, or the notes play the wrong part

- Tick **Notes to part ch** on each track's plugin. Without it, notes play on the channel they were recorded on, often channel 1, so every track plays part 1. When notes are going to another part, the option turns **orange** and the status line explains.
- Give each plugin its own **Part**.

A tone can't be selected (it is gray)

- It belongs to an expansion that isn't in one of the 4 slots. Click **Expansions...** and set the slots to match your INTEGRA-7 ([7.10](#)).

A tone is sent but the part is silent or sounds wrong

- If the tone needs an expansion, that expansion must actually be loaded on the INTEGRA-7. The Expansions setting only tells the plugin what is loaded; it doesn't load anything.
- Check the part's level and that the part isn't muted on the INTEGRA-7.

Clicking a Studio Set does nothing

- The plugin's **Studio Set ch** must match the INTEGRA-7's Studio Set Control Channel (SYSTEM setting, factory default 16).

The tones are wrong when a project opens

- Make sure **Send on project load** is ticked, and that the INTEGRA-7 was on before the project opened. If you switched it on afterwards, click **Resend** on each track.

Integra7Control doesn't appear in the DAW

- Check that the **Integra7Control.vst3** folder is in **C:\Program Files\Common Files\VST3**, then re-scan plugins in the DAW (REAPER: **Clear cache and re-scan**).
- Look in the DAW's **instrument** list: Integra7Control is a VST3 instrument (VST3i).
- The plugin is 64-bit only.

Appendix 1 - Steinberg Cubase

Cubase can use the MIDI output of a VST3 plugin as the input of a MIDI track, and send that track to a hardware MIDI port.

1. Make sure the INTEGRA-7's MIDI output port is active in **Studio** → **Studio Setup** → **MIDI Port Setup**.
2. Add an **Instrument track** and choose **Integra7Control** (Sierra Digital Audio) as its instrument. Put the part's MIDI events on this track.
3. Add a **MIDI track**. In the Inspector, set its **Input Routing** to **Integra7Control - MIDI Out** (the exact name can vary) and its **Output Routing** to the **INTEGRA-7** port, with the channel set to **Any** so the part channel chosen in the plugin is kept.
4. Turn on **Monitor** on the MIDI track so it passes the plugin's MIDI through.
5. Play the project, or arm the Integra7Control track, and click a tone.

These steps are based on the DAW's documentation and published routing guides; Integra7Control was tested in REAPER. Menu names can differ between versions. If the plugin's MIDI out light flashes green but the INTEGRA-7 doesn't respond, the DAW isn't yet passing the plugin's MIDI output to the INTEGRA-7 port.

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Appendix 2 - PreSonus Studio One

Studio One sends a plugin's MIDI output to a hardware instrument through a second instrument track.

1. In **Studio One** → **Options** → **External Devices**, add a **New Instrument** named **INTEGRA-7** and set **Send To** to the INTEGRA-7's MIDI output port.
2. Create an **Instrument track** with **Integra7Control** on it. Put the part's notes on this track.
3. Create a second Instrument track. Set its instrument (output) to the **INTEGRA-7** external instrument, and its MIDI input to **Integra7Control**, with the input channel set to the plugin's MIDI output.
4. Turn on **Monitor** on the second track, then play the project or arm the first track.

These steps are based on the DAW's documentation and published routing guides; Integra7Control was tested in REAPER. Menu names can differ between versions. If the plugin's MIDI out light flashes green but the INTEGRA-7 doesn't respond, the DAW isn't yet passing the plugin's MIDI output to the INTEGRA-7 port.

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Appendix 3 - Ableton Live

Live passes a plugin's MIDI output to another MIDI track, which then sends it to the INTEGRA-7.

1. In **Preferences** → **Link, Tempo & MIDI**, switch **Track** on for the INTEGRA-7 MIDI output port.
2. Load **Integra7Control** on a MIDI track (track A). Put the part's MIDI clips on this track.
3. Create a second MIDI track (track B). Set **MIDI From** to track A, and the input channel chooser below it to **Integra7Control**.
4. Set track B's **Monitor** to **In**.
5. Set track B's **MIDI To** to the **INTEGRA-7** port and its channel to the **same number as the plugin's Part**.

Live merges MIDI channels when it routes MIDI from track to track, which is why track B's MIDI To channel must match the plugin's Part. Use one pair of tracks for each part.

These steps are based on the DAW's documentation and published routing guides; Integra7Control was tested in REAPER. Menu names can differ between versions. If the plugin's MIDI out light flashes green but the INTEGRA-7 doesn't respond, the DAW isn't yet passing the plugin's MIDI output to the INTEGRA-7 port.

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Appendix 4 - Image-Line FL Studio

FL Studio sends a plugin's MIDI output to a hardware port by matching port numbers.

1. Open **Options** → **MIDI Settings**. In the **Output** list select the **INTEGRA-7** and give it a **Port** number, for example 1.
2. Add **Integra7Control** to the **Channel Rack** as a generator (instrument).
3. Open the plugin wrapper's settings (the gear icon at the top of the plugin window), and in the MIDI section set the **Output port** to the same number as in step 1.
4. Put the part's notes in the Integra7Control channel's piano roll, and play.

These steps are based on the DAW's documentation and published routing guides; Integra7Control was tested in REAPER. Menu names can differ between versions. If the plugin's MIDI out light flashes green but the INTEGRA-7 doesn't respond, the DAW isn't yet passing the plugin's MIDI output to the INTEGRA-7 port.

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Appendix 5 - Bitwig Studio

Bitwig sends notes to hardware with its **HW Instrument** device, which has a MIDI output port setting and can keep each event's own MIDI channel.

1. Add **Integra7Control** to an Instrument track (track A). Put the part's notes on this track.
2. On a second Instrument track (track B), add a **Note Receiver** device with its source set to track A, after Integra7Control.
3. After it on track B, add a **HW Instrument** device. Set its MIDI output to the **INTEGRA-7** port and its channel option to **Same Ch.** so the part channel set in the plugin is kept.
4. Play the project, then click a tone and check that the INTEGRA-7 changes.

Bitwig's hardware devices are designed mainly for notes. If the notes play but tone changes don't reach the INTEGRA-7, Bitwig isn't passing the plugin's program changes through this route.

These steps are based on the DAW's documentation and published routing guides; Integra7Control was tested in REAPER. Menu names can differ between versions. If the plugin's MIDI out light flashes green but the INTEGRA-7 doesn't respond, the DAW isn't yet passing the plugin's MIDI output to the INTEGRA-7 port.

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Appendix 6 - Cakewalk / Sonar

Cakewalk and Sonar make a plugin's MIDI output available as the input of a MIDI track once MIDI output is enabled for the plugin.

1. In **Preferences** → **MIDI** → **Devices**, enable the INTEGRA-7 as an output.
2. Insert **Integra7Control** as a soft synth (Insert → Soft Synth, or the Synth Rack). In the plugin's properties or VST menu, turn on **Enable MIDI Output**.
3. Insert a **MIDI track**. Set its **Input** to **Integra7Control** and its **Output** to the **INTEGRA-7**, and turn on **Input Echo**.
4. Put the part's notes on the Integra7Control track, and play.

These steps are based on the DAW's documentation and published routing guides; Integra7Control was tested in REAPER. Menu names can differ between versions. If the plugin's MIDI out light flashes green but the INTEGRA-7 doesn't respond, the DAW isn't yet passing the plugin's MIDI output to the INTEGRA-7 port.

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