

RV-200 Web Editor

User Guide / Setup

Unofficial tool — not affiliated with Roland / BOSS

This is an **unofficial, browser-based tool** for the **BOSS RV-200** reverb, which has no official editor app. It runs in your browser — no install — and your settings are stored only in your browser (nothing is uploaded).

1. What it does

- **Switch all 12 algorithms (reverb types) from the screen**
- **Control 6 parameters with knobs** (TIME / PRE-DELAY / E.LEVEL / PARAM / LOW / HIGH)
- **Save sounds as "Scenes"** — recall and list them (a preset library on the PC side)
- **Export / import JSON** to share, back up, or continue on another PC
- **Live mirror**: turn a knob on the pedal and the screen follows

2. What you need

Item	Details
Browser	Google Chrome / Microsoft Edge (Web MIDI). Safari / Firefox are not supported.
Pedal	BOSS RV-200
MIDI interface	A USB-MIDI interface (connects PC and pedal)
Cable	TRS-to-MIDI cable (the RV-200 uses TRS, not standard DIN)

The whole flow: ① Prepare the pedal (MIDI settings + templates) → ② Connect the cable → ③ Open the editor in your browser. Only step ① is a one-time job.

3. STEP 1 — Prepare the pedal (one time only)

3-1. MIDI settings (pedal menu)

Enter the menu: **hold [DENSITY] + [MEMORY] together** → turn **[TIME]** to pick an item, press to confirm, turn to change → **[DENSITY] + [MEMORY]** again to exit.

CC numbers are **free to choose** (any value in **1–31 or 64–95**; 32–63 only is not allowed). The table below is a **recommended default**. Just make sure the pedal and the editor use the same numbers.

Display	Meaning	Recommended
RCh	MIDI receive channel	7
CCi	CC receive (accept control)	on
Pin	PC receive (needed to switch algorithms)	on
CCo / tCh	CC out / transmit ch (for live mirror; optional)	on / 7
TNC	TIME CC number	70
PdC	PRE-DELAY CC number	71
ELC	E.LEVEL CC number	72
PRC	PARAM CC number	73
LoC	LOW CC number	74
hiC	HIGH CC number	75
EFC	EFFECT ON/OFF CC number	80

You can also change the numbers in the editor: use the editor's "MIDI / CC settings" panel any time (defaults match the table above). The only rule is that **the pedal and the editor must use the same number** — the number itself is up to you.

3-2. Make 12 template memories (the basis for switching algorithms)

The MODE can't be changed via CC, so each algorithm is **built on the pedal and stored in a memory**, then recalled from the editor.

- 1 In MANUAL, turn the **MODE knob** to the target algorithm (ROOM, etc.) and set the sound (TIME, etc.).
- 2 Hold [MEMORY] → display shows "WRt".
- 3 Turn [TIME] to choose the destination (memories 100–127 show a leading dot — e.g. **.16 = memory 116**).
- 4 Hold [MEMORY] → saved. Repeat for the next mode.

During WRITE you can pick any 1–127 destination regardless of the EXTENT setting. Store them in this order.

Type	Memory (display)	PC #	Type	Memory (display)	PC #
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ROOM	116 (.16)	117	SLOWVERB	122 (.22)	123
HALL	117 (.17)	118	MODULATE	123 (.23)	124
PLATE	118 (.18)	119	+DELAY	124 (.24)	125
SPRING	119 (.19)	120	LO-FI	125 (.25)	126
SHIMMER	120 (.20)	121	GATE	126 (.26)	127
ARPVERB	121 (.21)	122	REVERSE	127 (.27)	128

4. STEP 2 — Connect

Control (PC → pedal) interface MIDI OUT → RV-200 MIDI IN
Live mirror (pedal → PC) RV-200 MIDI OUT → interface MIDI IN (optional)

For control only, the one-way "OUT → IN" link is enough. Add the return wiring only if you want the pedal's knob moves mirrored on screen.

5. STEP 3 — Open the editor and connect

- 1 Open the editor in **Chrome / Edge** (use the published URL if you have one).
- 2 When the MIDI access dialog appears, click "Allow".
- 3 Pick your interface in **OUT** at the top right. Set **Ch** to 7.
- 4 (For live mirror) also pick **IN** → the badge shows "MIRROR: on".

6. How to use

Algorithm

Pick a type with the 12 buttons. Pressing one recalls its template; the PARAM meaning below updates automatically.

Parameters (knobs)

Drag a knob up/down or use the mouse wheel. **Shift** = fine, **double-click** = center (64). Moving a knob sends it to the pedal in real time.

EFFECT / footswitches

Send EFFECT **ON/OFF** and CTL1 / CTL2 / ON-OFF / MEMORY switch messages.

Scenes (PC-side presets)

Action	What it does
+ Save current	Save the current sound with a name (added to the list)
Recall	Send the scene to the pedal (PC + 6 parameters)
Overwrite / ▲▼ / × / ↵	Overwrite / reorder / delete / export this scene only

Algorithm badge	Each scene shows its type (ROOM/HALL...); also a column in the Preset Map
PC (custom)	Override the Program number sent (blank = mode default). Use it to match an existing preset's memory.
DENS / Note	Memo for the DENSITY value (0–5) and a free note

Preset Map

An overview table of every saved scene. Click a row to recall it.

Export / import

Export all (JSON) to share or back up. **Import (merge)** to add scenes from another PC. Everything is also auto-saved in your browser.

Write to pedal memory

Press "Ⓢ Send current sound", then follow the on-screen steps to WRITE on the pedal. (MIDI has no command to save directly to a memory, so this is semi-automatic.)

7. What it can / can't do

Can do	Can't do (limitations)
Switch type (recall template) / control 6 parameters / EFFECT on-off / save & share scenes / live mirror	Change MODE directly via CC (use template recall) / control DENSITY via MIDI (pedal only; kept as a memo) / read the pedal's current values (no patch dump) / save a preset directly to a pedal memory (semi-automatic) / configure footswitch functions (TWIST/WARP/HOLD/FADE), MEMORY-HOLD behavior, expression mapping, output mode and other system settings (pedal menu only) ✳ Anything not under "Can do" is set on the pedal.

8. Troubleshooting

Symptom	Check
No response	OUT port selected / Ch=7 / pedal RCh=7, CCi=on, Pin=on / OUT→IN wiring
Algorithm doesn't change the sound	Did you store the templates (memories 116–127)? / Pin=on
Knobs don't change the sound	Do the pedal CC numbers (TNC, etc.) match the editor's CC settings?

Live mirror doesn't work	IN port selected / pedal CCo=on, tCh=7 / return wiring pedal OUT → interface IN
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