

Rooftop Antenna User Guide

Dozy Audio / version 0.14.0 / macOS 11 or later (Apple silicon and Intel) / VST3, Audio Unit, standalone

Overview

Rooftop Antenna is a lo-fi, radio-style synth. It has:

- 7 voices
- 35 presets (it starts on Basic: no ambience, tape loop or WARP)
- a tape loop
- WARP (tape wobble)

The picture on screen moves with your playing. You can turn the movement off.

Installing

1. Open **Rooftop Antenna 0.14.0.pkg** and follow the steps.
2. Restart your DAW (or rescan plug-ins).
3. Choose **Dozy Audio** → **Rooftop Antenna**.
 - Logic Pro: Software Instrument track → AU Instruments → Dozy Audio → Rooftop Antenna

Item	Location
VST3	/Library/Audio/Plug-Ins/VST3/
Audio Unit	/Library/Audio/Plug-Ins/Components/
Standalone app	/Applications/
Image data	/Library/Application Support/Dozy Audio/Rooftop Antenna/

The screen



Top row

Control	What it does
Preset menu	Choose from 35 presets (Basic, at the top, is the starting state). After you move a knob, the name shows "(edited)". Your saved presets (User) and save/delete commands are at the bottom
TAPE LOOP	Tape loop on/off
CLEAR	Erases the tape loop
LEN	Tape loop length (2–16 s)
FREE ▼	Locks the loop length to your DAW tempo (1/2 BAR, 1 BAR, 2 BARS, 4 BARS). FREE uses LEN. The standalone app assumes 120 BPM, 4/4
WEAR	How fast the loop wears out
LEVEL	Output volume
AMB	Ambience volume

Tuning (top right)

Control	What it does
STATION	Tuning dial with four stations (FAR / ROOFTOP / TRANSISTOR / THIN). On a station the sound is clear and the green lamp closes

Knobs

Knob	What it does
FEEL	Touch, from soft to dry; also changes how velocity responds
PAPER	Adds short paper-tap sounds
GHOST	Mixes in a distant station
TAIL	Length of the tail
STRIKE	Attack at the start of a note
WARMTH	Saturation and softer highs
BAND	Width of the frequency band
FUTURE	Lifts the upper harmonics
DRIFT	Small pitch drift
STATIC	Noise
FADE	Occasional dropouts
ECHO	Short reflections
TUNE	Frequency offset; far right is the correct band
TAPE	Overall tape-speed wobble
BLEED	Adds a neighbouring-station sound
WARP	The tape sometimes drags, so the pitch dips and returns. 0% = off

To use a knob:

- Drag up or down.
- You can also click the scale or use the mouse wheel.
- Double-click returns it to its default.

Switches

Switch	What it does
RADIO	RX: through the radio / DRY: plain sound
ON AIR	OFF makes the sound muffled and quieter
AMBIENCE	Ambience (wind etc.) on/off. While on, it keeps playing

Voice

There are seven voices: SYNTH, PAPER & CLOTH, STREET, TELEGRAPH, TUNING, TUBE and RELAY. Every knob works on every voice.

Bottom row

Control	What it does
Keyboard	Click to play. Computer keys: Z–M play notes, Q/W change octave, Esc stops everything
MOTION	Picture movement: FULL / LOW / OFF (OFF uses the least CPU)
PLAY PHRASE	Plays a demo phrase (standalone app)
ALL NOTES OFF	Stops notes, ambience and the tape loop
INFO	Shows or hides help text
HIDE UI	Hides the panels
SIZE	Window size (65–150%)

Tape loop

1. Turn on **TAPE LOOP**. The lamp lights and it shows LOOPING.
2. What you play is recorded and repeats every **LEN** seconds.
3. Each repeat gets a little darker and quieter. **WEAR** sets how fast.
4. **CLEAR** erases it.

Notes:

- Moving LEN while the loop runs bends the pitch.
- ALL NOTES OFF and stopping your DAW also clear the loop.

Saving your own presets

1. Open the preset menu and choose "Save current sound as preset...".
2. Type a name and press Save.
3. Saved presets appear under "User" in the preset menu.

Notes:

- Loading a preset does not change your output level (LEVEL).
- To delete one, select it, then choose "Delete this user preset".
- Files are kept in `~/Library/Application Support/Rooftop Antenna/Presets/`. You can copy them to another Mac.

MIDI expression

Input	What it does
Velocity	Harder playing is louder and brighter. FEEL changes how much
Mod wheel	Adds WARP (on top of the knob)
Aftertouch	Adds WARP
Pitch bend	±2 semitones
Sustain pedal	Holds notes

Saving and automation

- Every control can be automated and is saved with your project.
- Projects saved with earlier versions still open.

CPU

- Sound: about 1–7% of one CPU core.
- The animated picture uses more CPU while the window is open. Set MOTION to OFF to save CPU.
- When the window is closed, the picture stops.

Troubleshooting

Problem	Fix
The plug-in is missing	Rescan in your DAW. Restart Logic. If it is still missing, log out of macOS and log back in
Only plain knobs are shown	Image data is missing. Run the installer again
The window is too big	Choose 75% or 65% with SIZE
Sound plays when nothing is played	That is the ambience. Turn off AMBIENCE or lower AMB
The loop keeps playing	Press CLEAR or turn off TAPE LOOP

Uninstalling

Move these to the Trash:

- `/Library/Audio/Plug-Ins/VST3/Rooftop Antenna.vst3`
- `/Library/Audio/Plug-Ins/Components/Rooftop Antenna.component`
- `/Applications/Rooftop Antenna.app`
- `/Library/Application Support/Dozy Audio/Rooftop Antenna`

Settings are in `~/Library/Application Support/Rooftop Antenna`. You can delete that folder too.

Contact

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