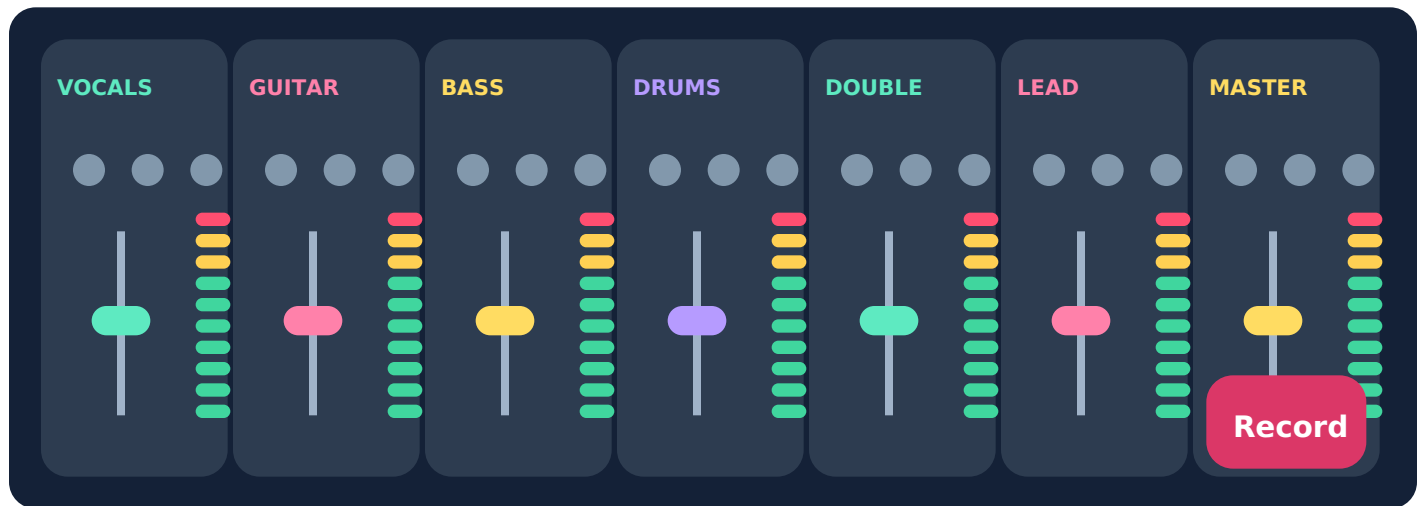


Meet Ray's board

A simple start: choose a track, record, listen, and save.



Simplified picture: your real board starts with 6 channels plus MASTER and can hold up to 16. Fit channels puts the starting desk across a desktop window. Choose Roomy channels for larger strips; scroll for extra tracks.

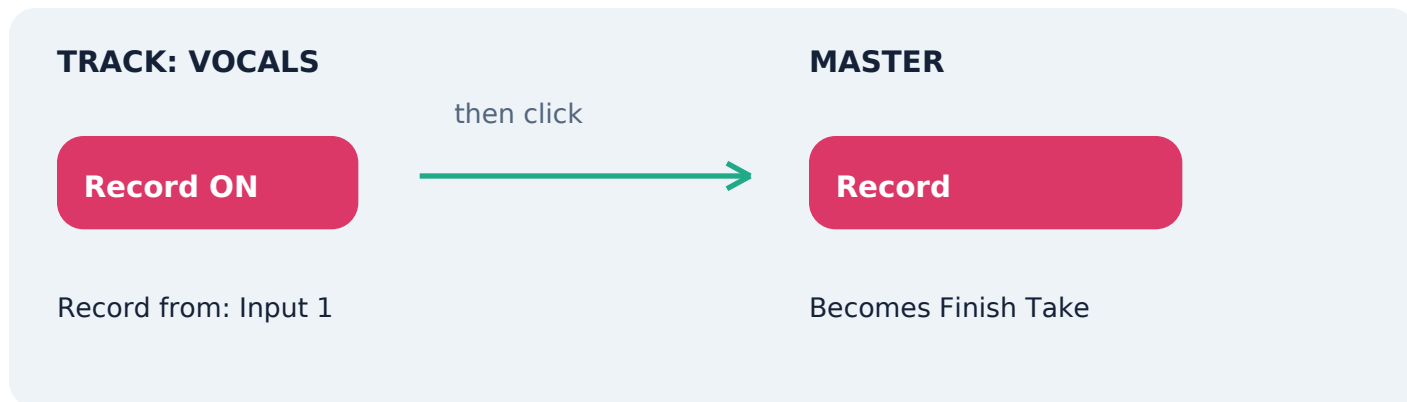
- 1 Try the demo first**
Click Load Demo Band, then Play Mix. It adds a short guitar, bass and drum groove. Save your work before replacing a song with the demo.
- 2 Choose what to record**
On each wanted track, turn on its small Record button. This selects that track; it does not start recording yet.
- 3 Start beside the main fader**
At MASTER, click the big Record button. Allow microphone access if asked. Click Finish Take or Stop when done.

Keep your song

Save Song makes an editable .bandera file with your audio and settings. Download Mix makes a stereo WAV to listen to or share.

Record a take

Use headphones. Record only the tracks you want to replace.



- 1 Find the recording device**
Open Microphone & recording setup. Click Find Audio Devices, allow access, and choose your microphone or interface.
- 2 Pick the input on each track**
For a two-input interface, put your mic on Input 1 and guitar on Input 2. A normal microphone or Spark PEDAL USB uses Input 1.
- 3 Select tracks, then Record at MASTER**
Turn on the small Record buttons for the tracks to capture. The master Record button starts those tracks together. Existing audio on selected tracks will ask to be replaced.
- 4 Finish, listen, save**
Press Finish Take or Stop. Wait until saving finishes, then Play Mix. Recordings begin at song time zero. Save Song to keep the take.

Recording limits and monitoring

Up to 1 hour per take. Keep the window open; long takes need desktop memory. Save Song after every take. One recording device at a time. Effects are heard on playback; this board does not send the live mic back to speakers. Listen through your interface or pedal for direct monitoring.

Faders, lights and tone

Move a little, listen, then move a little more.



GREEN: good



YELLOW: loud



RED: lower level

1

Use channel **LEVEL** for one sound

A track fader changes that instrument. MASTER changes the whole band. Start with modest levels; add channels gradually.

2

Watch **CLIP**

A red CLIP light means the meter detected a near-full-scale peak. Lower that channel or MASTER. Click CLIP to clear its light. The master meter reads before the safety limiter.

3

Use **Mute** and **Solo**

Mute turns a track off. Solo lets you hear selected solo tracks alone. Turn Solo off to hear the whole band again.

4

Shape the tone

Trim adjusts the recorded signal entering the effects. Pan places it left or right. Bass, Mid, Treble add or reduce low, middle and high tone.

If the recording itself sounds distorted

Software trim cannot repair distortion already recorded. Lower the physical microphone/interface/pedal input level and record again. Keep a clean original by saving your song first.

Effects and presets

Open a channel's Effects rack - presets to find more sounds.

EFFECTS RACK - PRESETS

Voice: Ballad lead

Guitar: Surf tremolo

Bass: Warm & round

Choose a sound, press Play Mix, and adjust to taste.

1

Start with a preset

Vocals, Guitar and Bass each have 8 preset choices. Lead guitar has guitar controls, and Vocals double has vocal controls. A preset changes the sound settings, not your audio.

2

Add space and motion

Reverb adds room. Chorus adds shimmer. Delay adds repeats; Delay time controls the gap. Phaser adds a moving sweep. Tremolo makes volume pulse; rate controls speed.

3

Tidy a channel

Low cut reduces rumble. Compression reduces level changes. Instrument racks also offer vocal warmth/presence/slapback, guitar overdrive/echo, or bass grit/deep bass.

4

Compare or reset

FX bypass disables creative effects and compression; EQ, trim, pan and low cut still apply. Reset Sound resets that channel's mix/effects, including volume, without deleting audio.

A little can go a long way

These are the board's built-in effects. Positive Grid BIAS desktop plugins cannot load inside this browser board or its Windows online launcher. The Ø Polarity switch reverses a channel's signal; leave it off unless you need it.

Build drums or a click

Track 4 is a 4/4 drum machine with tempo help.

DRUM MACHINE / CLICK



Country | Rock | Blues shuffle | Click track

1 Record guitar or bass first

The automatic beat finder uses audio already on Guitar/Bass tracks. It does not follow a live performance in real time.

2 Open the drum rack

On Drum machine, open Effects rack - presets. Choose Country, Rock, Blues shuffle or Click track.

3 Find or set the tempo

Click Find Guitar / Bass Beat to estimate BPM and build a beat. Or enter BPM yourself. Tap Tempo estimates speed from repeated clicks.

4 Build, listen and line it up

After manual changes, click Build / Update Beat. Press Play Mix. If the beat is twice as fast or slow, halve or double BPM. Adjust Beat offset and rebuild to line up the pulse.

You are the final judge

Beat detection is an estimate for steady rhythm. Loose playing or weak accents may need manual BPM. The drum channel generates audio rather than recording from a mic. Without other tracks it builds a 30-second beat.

Save, share and open songs

Keep an editable song AND a listening copy.

Save Song

.bandera = audio + settings

Download Mix

.wav = finished stereo audio

1

Name the song

Type a title in SONG NAME. This helps you recognize the files later.

2

Save the editable project

Click Save Song. If a file panel appears below the desk, click Download File or Save / Share File. Keep the .bandera file in a folder you can find.

3

Make a listening copy

Click Download Mix. It renders channel effects and the stereo master to a WAV file. Use the file panel if shown. A WAV cannot restore separate tracks for editing.

4

Come back later

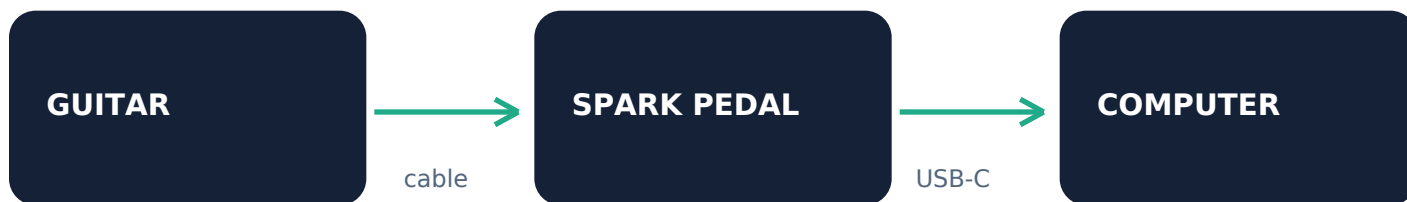
Click Open Song and choose your .bandera file. Audio, effects, timing and master level return. Save before opening another song or loading the demo.

Recovery is helpful, but keep your own backup

The board attempts a local recovery copy when storage allows. Clearing browser data can erase it. Browser and app-window storage may differ. Ray's board can open older kid-board songs. New Ray song files use the adult format and need Ray's board.

Connect Spark PEDAL

USB carries the guitar audio. A separate MIDI link sends commands.

**1**

Connect and find the pedal

Connect guitar to Spark PEDAL and its USB-C port to the computer. Windows needs the official Spark PEDAL driver. Open the board's Spark setup and click Find Spark audio.

2

Keep the pedal sound

Click Keep pedal tone on Guitar. This selects Input 1 and clears software EQ, trim, low cut and pan while bypassing software effects. Set the guitar fader to taste.

3

Record on Guitar only

Turn off Record on other tracks, arm Guitar, and click MASTER Record. Spark USB has one recording input and normally captures its amp/effects. Those recorded effects cannot be removed later.

4

Optional: switch pedal presets with MIDI

Wire a USB-to-MIDI interface output to Spark's MIDI IN using its supplied adapter. Click Connect MIDI, grant access, select that output, then choose Red/Green preset or an effect On/Off. Hardware testing is pending.

Listening and a second microphone

Select your listening output in Windows Sound settings. To record a separate vocal mic and Spark together, use a suitable interface receiving both sources. Spark USB alone does not add a separate vocal input. USB audio alone is not the MIDI link.

Positive Grid: official USB setup / Windows driver

Positive Grid: MIDI commands and setup

Windows, full screen and help

The EXE opens the current online board. Fit channels starts with six tracks + MASTER.

Ray's Mixing Board

Full Screen

MASTER Record / Finish Take / Stop

Full Screen is also available in your browser.

1

Download and open on Windows

Download Ray's EXE + adult manual ZIP. Extract it, then double-click RaysMixingBoard.exe. This adult manual is in the same folder. Jerrick's separate ZIP contains his EXE and colorful child manual. Windows x64 and internet are required.

2

Use full screen

Click Full Screen at the top. Click Exit Full Screen or press Esc to leave. If the button is blocked, open the board directly in Edge/Chrome and use F11. Full screen does not alter your audio.

3

If something does not work

Record disabled? Arm a track. No input? Check the device and mic permission. No playback? Turn off Mute/Solo and check output, faders and headphones. Input 2 error? Use Input 1 or a compatible two-input interface.

Windows beta download

This unsigned EXE is an online launcher, not an offline studio installer or VST3 host. It tries Microsoft Edge, then your default browser. It has not been run on Windows here. If Windows blocks it, use the website instead; do not disable security settings.

Open Ray's board:

bandera-studio-llc.fivestar-7779.chatgpt.site/ray/index.html

Updated October 10, 2026. Keyboard: Space = Play/Stop; R = Record when not typing.