

The bluebox 1.2 Quick Start Guide

THE BASICS

- White Buttons:** Select a control mode. Push again to access additional screens for a control mode.
- Knobs & Touch:** Select tracks or control panels, adjust levels, adjust parameters and toggle settings.
- A Button:** Change the knob focus when there are multiple banks of controls. On Edit, toggles Active state.
- B Button:** Access configuration options for the current control mode.



SETUP

1. Plug bluebox into a wall outlet or a USB power source.
IMPORTANT: To avoid erratic behavior, use a USB Cable that is rated to carry power, like the cable provided, and use a USB power supply or battery that provides 2 amps of power.
2. Connect your inputs and outputs along the back panel.
3. Connect a MIDI controller to the Device input on the back or the MIDI input on the front panel if desired.
4. Choose how many tracks you will work with: Push MIXER, then push B. Touch to select the number of tracks, and Single Row or Double Row display mode.
5. Map inputs to tracks: Push TRACK and then push B. Touch a track at the top of the screen, and then in the bottom grid touch 1 input for mono or 2 inputs for stereo.
6. Name your tracks: Push TRACK and then push B. Touch a track to select it. Touch the number in the middle of the screen to open the track naming screen. Use the on screen keyboard or the knobs to enter a name and then touch Enter to save your change.
7. Adjust the gain for your inputs: Push MIXER and then touch Gain. Four of the tracks are highlighted in the meter bridge at the top of the screen. The knobs are controlling the highlighted tracks. Touch a different group or push A to select another group. Turn a knob to adjust the gain for a track. You can also touch a slider and move your finger up/down or left/right to control it.

ADJUST THE MIX FOR MULTIPLE TRACKS

Push MIXER and then touch a control option on the bottom of the screen. Push MIXER again to toggle between the main and extended control panels. You can use the knobs or touch gestures to adjust the sliders. Touch a track to toggle it's state for toggle controls. Touch the Main meter to arm for recording or mute it.

Change which tracks are controlled by the knobs by pushing the A button, or touching a track. The pink highlight indicates which tracks have the knob focus.

Control Option	Description
Vol	Set the level going to the Main output, OUT1.
Gain	Trim the input to balance the incoming signals.
Solo	Disable the output to Main for all other tracks. Tracks in Solo mode have a green outline.
Mute	Disable the output to Main for the muted tracks or the main output. The track label and meter bars are gray for muted tracks.
Rec	Arm the selected track or the Main output for recording. Armed tracks have a red outline.
Pan	Adjust how much of the signal is sent to the left and right channels of the sends for this track.
FX1	Control the level of the track audio sent to Delay.
FX2	Control the level of the track audio sent to Reverb.
CUE	Adjust the track level going to the PHONES output.
OUT2	Adjust the track level going to OUT2.

FOCUS ON ONE TRACK

1. Push TRACK and then touch a track in the meter bridge to select it. The controls on the bottom half of the screen are now controlling only the selected track.
2. Turn the knobs to adjust the four controls with the pink highlight.
3. Push A to toggle the knob focus to the other set of controls, or tap a control panel to give it focus.
4. Touch and drag to change the value of a knob. Slide your finger up and down or left and right to adjust the value.
5. Touch the REC, MUTE or SOLO button to toggle the state for the current track.

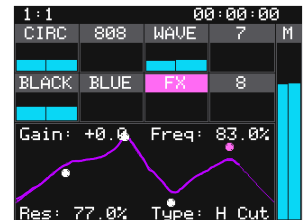
ADJUST OUTPUT LEVELS

1. Push MAIN to access the output controls. The left two knobs adjust the output levels to CUE (PHONES) and OUT2. The right two knobs both control the MAIN output level. Touch MUTE to mute the signal to that output.
2. Push B to access setup options. Turn a top knob to select a parameter, and turn a bottom knob to select a value for that parameter. The table on the right shows a few of the available options.

Output Option	Description	Values
CUE Source	Choose which signal to send to the PHONES output.	Custom: the CUE mix Main: the Main mix
CUE Send OUT2 Send FX1 Send FX2 Send	Controls whether the corresponding signal levels are sent pre- or post-fader	Pre-Fader, Post-Fader
Compressor	Is the compressor applied to the MAIN Output	On, Off

ADJUST THE EQ

1. Push EQ and touch a track or the Main meter to select it.
2. Turn the bottom right knob to select the node behavior, and then turn the other knobs to adjust the parameters. You can also use touch or drag to adjust the currently active node.
3. Push A to cycle the selection through the 4 different EQ nodes per track or output.
4. Press EQ to toggle the display of the meter bridge and display the graphic EQ in full screen mode.



APPLY DELAY AND REVERB EFFECTS

1. Adjust the effects sends for each track using the Track or Mixer control mode.
2. Push FX and then turn a knob or use touch gestures to adjust the effect parameters.
3. Push FX again to cycle between the following FX Screens: FX1-Delay, FX2-Reverb, and the XY Grid control.
4. Push B to change the Reverb model.
5. Push A to to advance the knob focus.

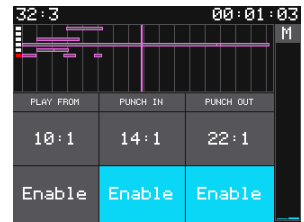


ENTER SLEEP MODE

In sleep mode, the bluebox stops sending signals to the outputs and darkens the screen, reducing power consumption. To enter sleep mode press and hold B until the screen goes dark. To wake up, push any button.

RECORD AND PLAYBACK TRACKS

1. Push MIXER. Touch Rec at the bottom of the screen. Touch tracks or the Main meter to arm them for recording. Armed tracks have a red frame.
2. Hold REC and push PLAY to start recording.
3. Push STOP to end recording. The recordings are saved to the microSD card as WAV files, one for each track and one for the Main. Push STOP a second time to reset the playback position to the beginning.
4. Disarm a track for recording and push PLAY to play the latest recording for that track.
5. Push EDIT to see the recording timeline and playback position.
6. Push B from the Edit screen to see the list of recordings for each track. Main recordings are not listed here.
7. Turn a knob to select a recording. Push A to toggle the Active playback state. The Active recording will play when you push PLAY and the corresponding track is not armed for recording.
8. Touch File to access file management features like Rename and Delete.
9. You can take the microSD card to your computer or other device to work with the WAV files. The files are stored in the folder \Projects\<Project Name> as 24 bit, 48kHz WAV files.



Timeline

1:1	00:00:00
File	
FIRE	01-FIRE-00001
	01-FIRE-00002
	01-FIRE-00003
LEMON	02-LEMON-00001
	02-LEMON-00003
RAZZ	03-RAZZ-00001
4	(NO FILES)
BLACK	(NO FILES)

Recordings

MANAGE PROJECTS

The bluebox stores all of your settings and the collection of WAV recordings in a project. You can create different projects as needed. The WAV files you record will stay with your project, but you must save the project if you want other settings, such as track mappings and EQ settings, to persist after you change projects or power down the bluebox.

To Save the Current Project:

1. Push PROJ.
2. Touch Save.

To Manage Projects:

1. Push PROJ.
2. Touch File.
3. Touch the file option you want: New, SaveAs Template, or Rename.

To Manage Project Settings:

1. Push PROJ, then push B.
2. Use a top knob to select a parameter and a bottom knob to change it's value.

To Load a Different Project:

1. Push PROJ.
2. Turn a knob to select a project.
3. Touch Load. Note: Load is disabled for the currently loaded project.

ADJUST THE CLOCK

Bluebox uses a clock to synchronize the delay effect. You can manually set the tempo in bluebox or you can connect an external MIDI device to follow an external clock. You can also use MIDI out to send the clock signal to other devices.

To Set the Tempo:

1. Push PROJ, then Push B.
2. Turn a top knob to highlight BPM, and then turn a bottom knob to adjust the BPM.

CONNECT A MIDI CONTROLLER

To use an external MIDI controller to control some of the MIXER, EQ and FX settings, you have to teach bluebox how to work with the controller.

1. Connect a MIDI controller to the USB Device input on the back, or the TRS MIDI In on the front panel.
2. Push EDIT, push B and then touch Learn to enable MIDI Learn mode.
3. Push MIXER and touch the control option from the bottom of the screen. Then touch the track you want to control. Now move the MIDI control you want to map to this setting. The MIDI channel and CC number are displayed on the track while you are in Learn mode.
4. Repeat the process as needed for settings on the MIXER, TRACK, MAIN, EQ or FX screens.
5. When done, push EDIT and then push B. Touch Learn to disable MIDI Learn mode.

NOTE:

- You can only use one MIDI CC to control each bluebox setting.
- Each MIDI CC can only map to a single bluebox control.
- In MIDI Learn Mode, there is a small teal outline around controls that can accept a MIDI mapping.

ADD A WAV FILE TO A TRACK FOR PLAYBACK

Include a 24 bit, 48kHz WAV file in your mix by adding the WAV file to a track:

1. Push Edit, push B, and then touch File and Add.
2. Use a knob to select a folder or file. Touch Load to navigate into the folder or add the file to the track. Touch ^ to navigate back in the folder structure.
3. Push A to toggle the Active state of a file.
4. Push Play to play all Active WAV files for all tracks that are not armed for recording.

CHECK AVAILABLE SPACE ON THE MICROSD CARD

To monitor the space left on the microSD card:

1. Push TOOLS.
2. The space remaining on the microSD card is displayed in the top left corner.

LEARN MORE

This guide just covers the basics. To learn more, you can watch How To Videos on YouTube and download the full user guide: 1010music.com/blueboxdocs.

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