

PRISM

MINI



USER MANUAL



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INTRODUCTION

FEATURES

- Multi-effects desktop amp
- Compact and Lightweight design
- 6W (Stereo 2x 3W)
- Bluetooth®
- 100 presets - 50 Factory & 50 User
- 1.77" Full colour screen
- 8 DSP blocks, 1 Amp, 1 Cab & 6 simultaneous effects
- Volume control
- Parameter control
- Onboard guitar tuner
- Onboard drum machine (accessible via the app)
- USB Type C socket providing simultaneous 2 In / 2 Out
- 3.5mm headphones output for silent practice
- Remote control via the supported app
- Built-in lithium 2000mAh battery

Scan or click the QR code below to access the various download links for the TONE-WIZARD App:



TOP CONTROLS



INPUT

A 6.35mm jack socket to connect to an electric guitar.

VOLUME

Change the level for the loudspeaker and headphones output.

Note: The onboard patches are set for nominal guitar input levels. If your guitar is very high or very low output you can adjust the input sensitivity in the [GLOBAL SETTINGS MENU](#)

PARAMETER

The parameter control can be rotated to swap between the saved onboard patches. Alternatively, press in to edit the currently selected patch. See [Patch Editing Menu](#) for more.

The onboard tuner may be activated by pressing both Parameter and Back buttons simultaneously. See the [Tuner](#) section below.

BACK CONTROL

The BACK button will exit the current menu and return to the previous one.

GLOBAL / POWER

The Global switch is a multi-function switch. Press and hold the button to power on or off the device. A short press activates the [Global Settings menu](#), discussed below.

Bluetooth®

Activates the onboard Bluetooth 5.3 function. See the [Bluetooth section](#) below.

Holding down the Bluetooth button - whilst connected to the TONE-WIZARD app on your phone - will enable/disable a vocal cut EQ to the USB audio only.

POWER INDICATOR

The blue LED below the INPUT socket illuminates when the unit is powered up.

REAR PANEL



PHONES

A standard 3.5mm jack output for connecting headphones. The Guitar INPUT, Bluetooth and USB connections all route to the PHONES Output.

Connecting headphones to the socket mutes the loudspeaker on the unit.

USB

The onboard USB Type C socket should be used to charge the PRISM-MINI or to access USB audio IO and recording. To use as a USB audio interface on Windows® an additional audio driver is required. For macOS® no additional drivers are required.

See the [USB section](#) for information on setting up drivers to play audio.

When charging ensure your charger can supply 10W of power (5V/2A) to ensure the fastest charge time. Charge time from 2-3 hours is typical.

Windows is a trademark of the Microsoft group of companies. macOS is a trademark of Apple Inc.

RESET

Should the PRISM-MINI become unresponsive in any way then the unit can be manually reset by inserting a pin into the reset hole and pressing the reset button. You should feel the button CLICK and the unit will turn off. Simple press the global power switch and the unit should be responsive again.

MAIN SCREEN

The PRISM-MINI features a full colour 1.77-inch screen to display current patch, battery status and other settings.



PRESET NUMBER - Displays which patch is selected. A small asterisk appears if the patch has unsaved changes. Cycling to another patch will remove any unsaved changes and they will be lost.

PRESET NAME - Name of the current active patch. Editable when saving the preset.

EFFECT CHAIN - Shows which effects are available for the current patch as well as which ones are active. In the patch above, the PRE, AMP, CAB, EQ & RVB effects are active.

BATTERY CHARGE STATUS - Shows the status of the battery life of the unit. Bars will flash when charging.

PATCH EDITING MENU

Press in the parameter knob to edit the currently selected patch.

EFFECTS EDITING



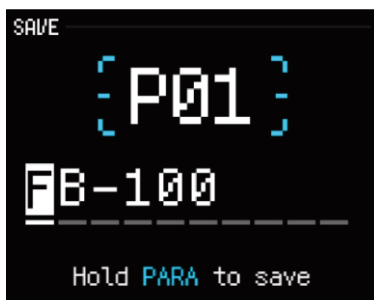
Initially, the effects chain of the patch will display.

Use the parameter knob to cycle through the effects and select the one you want to edit. Each one can be turned on or off and will have other parameters to change depending on the effect.

Use the back button to exit out of a menu when finished.

[See EFFECT DESCRIPTIONS for more information](#)

EFFECT SAVE MENU



Once the editing is complete the SAVE screen is accessed by holding the PARAMETER control down.

Before saving, you have the option to amend the effects name.

The save function can be cancelled by clicking the BACK button.

A final long press of the PARAMETER control will complete the save process.

GLOBAL SETTINGS MENU

Press the GLOBAL button to activate the main settings menu. Use the BACK button to exit the settings menu.

LEVEL



Set the sensitivity of the guitar Input from the 6.3mm jack. Adjustable in 1dB steps from -20 to +20dB.

USB



USB FX REC (Effect recording volume): Adjust the volume of the effects to the USB, ranging from -20dB to 20dB.

BT REC (Bluetooth recording volume): Adjust the volume of Bluetooth to the USB, ranging from -20dB to 20dB.

Monitor (Recording sound volume): Adjust the volume of USB audio to the PRISM-MINI from -20dB to 20dB.

DISPLAY



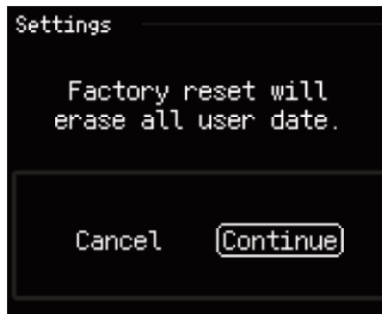
Adjust the brightness of the display from 0 to 100.

ABOUT



Check the current Firmware Version.

RESET



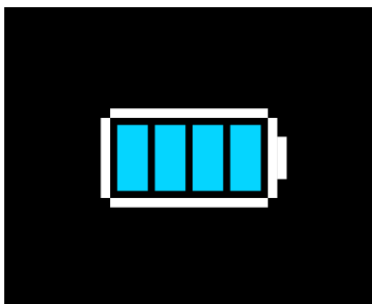
A quick and easy way to restore factory defaults.

GUITAR TUNER



The Tuner is accessed by simultaneously pressing the PARAMETER control and BACK button.

CHARGING



The PRISM-MINI can be charged by connecting the USB Type C socket on the rear panel to any USB charging output. We recommend a 10 Watt (5V/2A) power supply to achieve the fastest charging time. A 5 Watt supply may be used but this will result in a longer charging time.

Whilst charging, the display on the unit will show the battery indicator when powered off.

When powered on, the battery indicator in the upper right will flash to signify charging.

Bluetooth 5.3

Press to enable Bluetooth Connectivity on the PRISM-MINI. The switch will begin to flash indicating that the unit is ready to pair with a Bluetooth device.

Depending on your device, two Bluetooth devices *may* be shown as connectable, 'PRISM-MINI BLE' and 'PRISM-MINI Audio'. (*Android devices tend to show both, whereas iOS devices tend to only show the Audio connection*) You should connect to the PRISM-MINI Audio if you want to stream audio or use the app-based drum machine. There is generally no requirement to connect manually to the BLE connection as the TONE-WIZARD app does this automatically.

A continuous blue illumination of the Bluetooth switch indicates that a connection has been established.

Press the Bluetooth button again to disable Bluetooth on the unit. Disabling the onboard Bluetooth when not required will increase the battery life.

See the [TONE-WIZARD section](#) for how to use the app with the PRISM-MINI.

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc and used under license.

USB AUDIO

INSTALLATION

The PRISM-MINI features 2-way USB audio accessible once the relevant USB drivers have been installed on your PC.

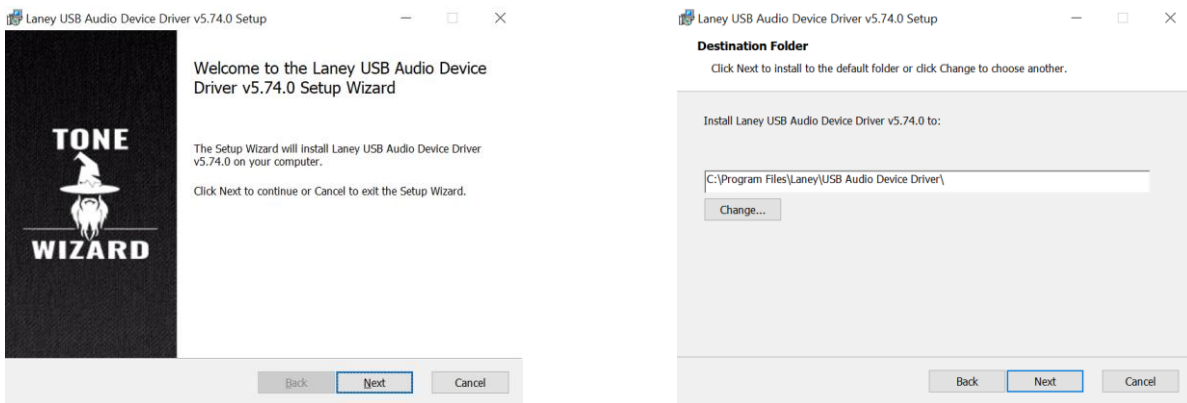
Without installing Laney's TONE-WIZARD drivers, your PC will not recognise the PRISM-MINI and the USB audio won't function. macOS devices do not require drivers.

Download the installer via the [QR code](#) at the start of the user manual or navigate to the product page on the Laney website.

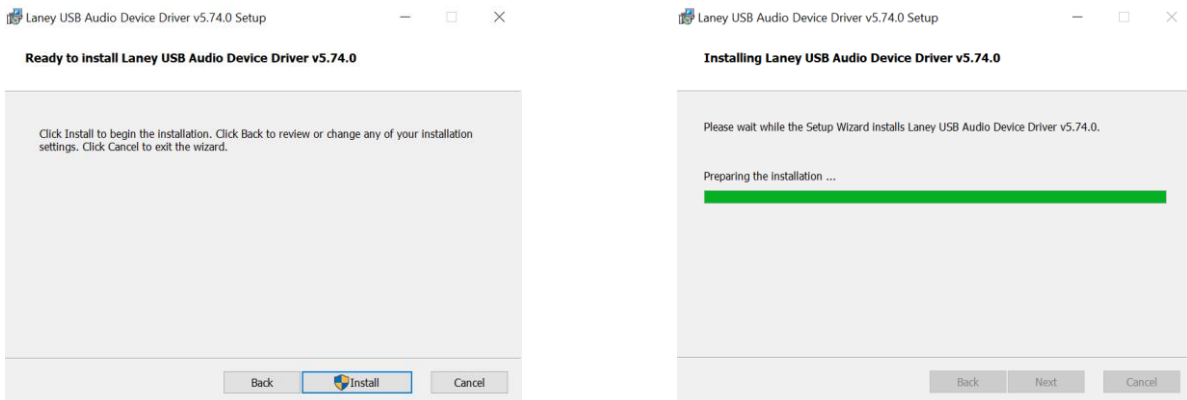
Windows®

After opening the installer, the 'Welcome' screen shown below will open. Press 'Next' to continue.

Note: Your version of the installer may be different to what is shown in the screenshots.



Initially the installer will ask you to select a folder to install the driver to.



Once a folder is selected press 'Next' and the installer will then ask you to begin the installation. You may need to allow administrator access for this, depending on your firewall settings.

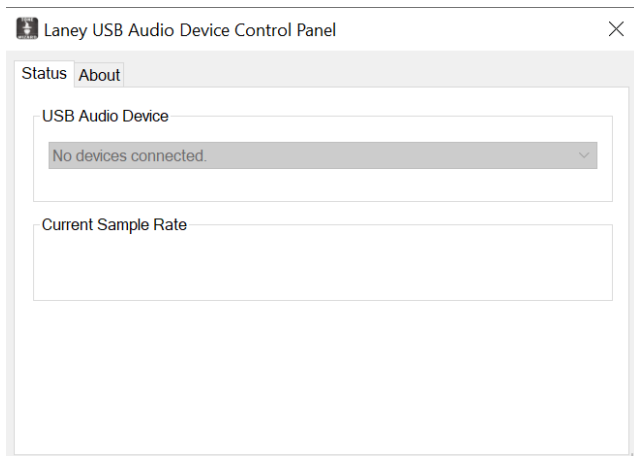
The drivers will then be installed - this should only take a few seconds as the total size of the drivers is only a few MB. Once the installation is complete, press 'Finish', and the TONE-WIZARD audio drivers should automatically start in the background.

macOS®

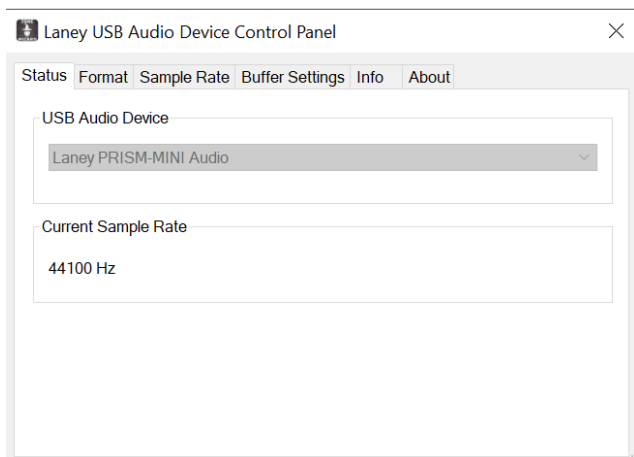
There is no need to install any audio drivers to allow audio playback on devices running macOS.

DRIVER INTERFACE

With no PRISM-MINI connected to your PC, no USB Audio Device will show in the driver interface.



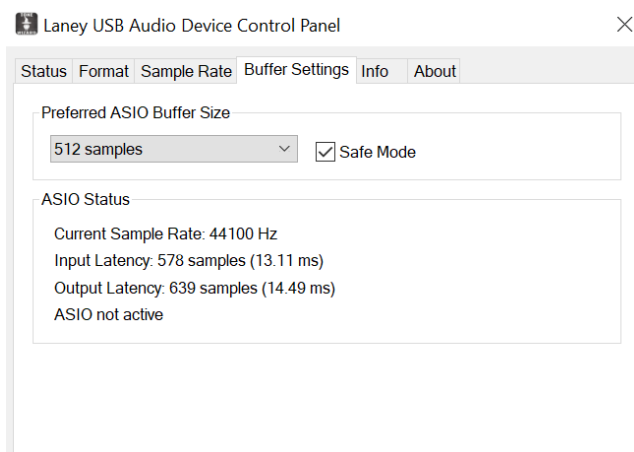
When you connect a PRISM-MINI to your PC via USB and power it on, the USB drivers will show that it is connected. The current digital audio sample rate is also displayed on the 'Status' tab. Other tabs also become available with a device connected - outlined below.



BUFFER SETTINGS

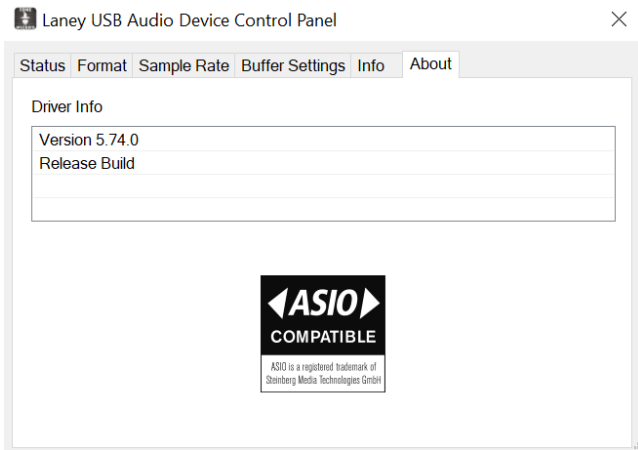
View and change the buffer size for USB audio. Increasing the sample size will increase the latency of the USB audio but decrease the load on the CPU of the computer. The input and output latency is visible in the "Buffer Settings" and will update depending on which buffer size is chosen.

Safe mode automatically increases the output buffer size slightly. This can help remove audio artefacts such as clicks & pops if the CPU starts to struggle.



ABOUT

View information about the current driver version on the PC.



USB OUTPUT

The PRISM-MINI can be used as an audio output device/player for the audio from your PC. Make sure to select it as the output device in your Operating System's settings on the PC.

Control the level of this either on the PC itself or via the "Monitor Level" control in the PRISM-MINI's settings menu.

USB INPUT

Additionally, the PRISM-MINI can be used as an audio input device to the PC. Both Bluetooth audio and the input track are streamed to the computer to be recorded via a DAW (Digital Audio Workstation).

The levels of the device can be edited either in your Operating System's settings or on the PRISM-MINI itself. Navigate to the settings menu and change the "FX REC" volume for the main preset/guitar track, or the "BT REC" volume for the Bluetooth audio.

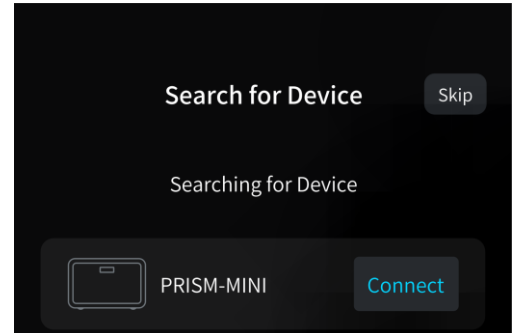
TONE-WIZARD APP CONTROL

The Laney TONE-WIZARD app is available for both Android® and IOS® devices via the link below:
[PRISM-MINI DOWNLOADS](#)

The app allows for more control over the patches and effects as well as the importing and exporting of your own.

CONNECT TO THE PRISM-MINI

To connect the TONE-WIZARD app to the PRISM-MINI press to enable the Bluetooth function on the control panel of the Prism-Mini. Ensure Bluetooth is enabled on your Phone/Device. Open TONE-WIZARD and the search screen will automatically show nearby PRISM-MINIs as an available device to connect to. Select the device you want to connect to. If Bluetooth wasn't enabled, you can enable and then hit refresh to find it. Press connect and the TONE-WIZARD app will connect to the PRISM-MINI.



Note: TONE-WIZARD uses the Laney PRISM-MINI BLE connection. If you need to also stream audio or use the app Drum machine, you'll need to go into your phones Bluetooth settings and connect to the 'Laney PRISM-MINI Audio' Bluetooth connection independently of the app.

PRESET CONTROL

Once found, connect to your device to access the rest of the app's features.

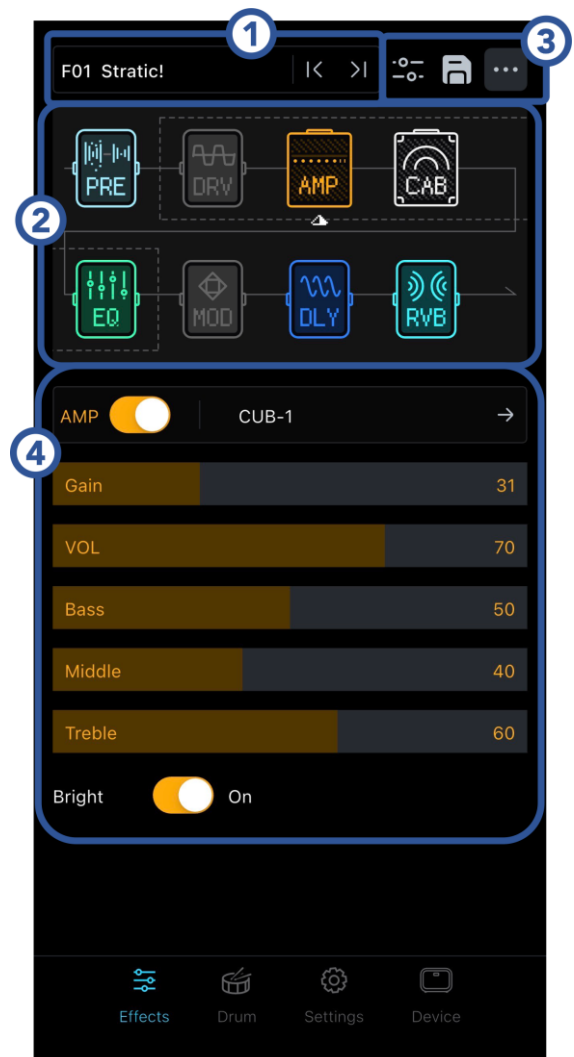
The image on the right shows the typical screen you'll see once connected.

- 1** - The active patch is displayed in the top left with its reference code to the left. (F01 = Factory, followed by the patch number). You can navigate between the patches here too, changing on the MINI also.
- 2** - The effects chain is shown along with the currently selected effect - corresponding to the controls shown underneath. Each effect can be selected to make changes.

Additionally, effects can be rearranged by simply holding down on the one you want to move and dragging it to where you want.

- 3** - At the top right of the page are general controls for the current patch. The left most button allows you to change the preset input volume. The middle button allows you to save & rename the preset over one of the 50 user presets. The rightmost button allows you to import/export.

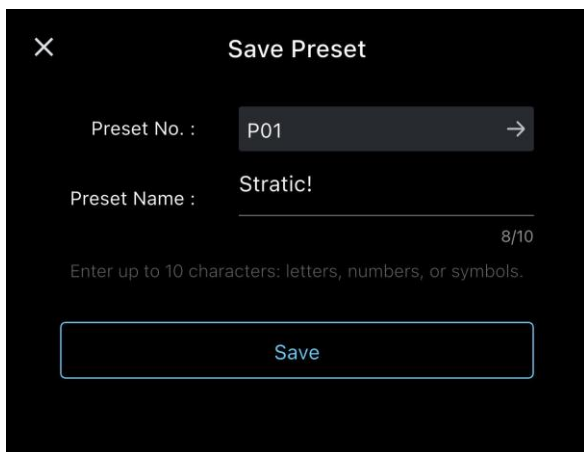
- 4** - The available controls for the selected effect will show here. In this example, the AMP modeller is selected. Turn the effect on/off and change which amp is selected using the arrow on the right.



Below that, change the Gain & EQ (values from 1-100) using the sliders. These available settings displayed will vary depending on which effect is selected from the chain.

Apple App Store is a trademark of Apple Inc. Google Play and the Google Play logo are trademarks of Google LLC.

SAVING A PRESET - When you're happy with the changes made to the preset, press the Save button in the upper right corner to access the Save Preset screen.



Select the preset to overwrite using the Preset No. selector. Only the 50 available "P" user presets can be modified/overwritten.

Choose the name for the new preset - 10 characters max. Press the save button to complete.

DRUM PAGE

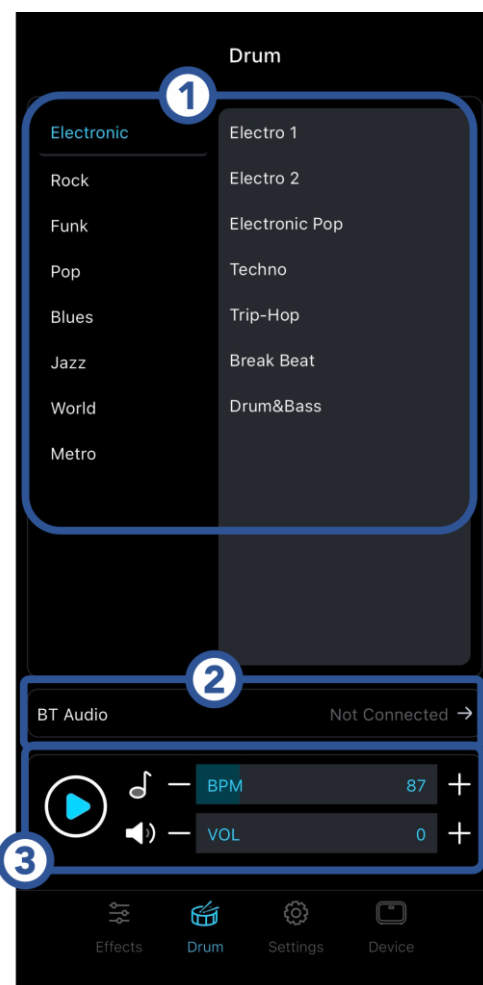
1 - Access the various drum loops across multiple genres to play along to. The left column selects the genre group and the right column the drum loop itself.

2 - View the status of Bluetooth audio. When connected, audio can be streamed from the connected device to the unit. To connect, go to your device's Bluetooth settings and connect to "PRISM-MINI-Audio". The app will display if you have connected successfully.



3 - At the bottom of the page are the controls for the currently selected drum loop. You can play & pause the loop, change its BPM as well as the volume it plays at. For BPM and volume, use either the +/- buttons or drag the bar from 0 - 100.

Note: The drums will play out of your phone by default unless BT Audio shows as "Connected".



SETTINGS PAGE

All the settings here are also accessible on the unit.

1 - Change the gain at the input to the unit. Range from -20dB to +20dB.

2 - Various volumes to control audio over USB. All are -20dB to +20dB.

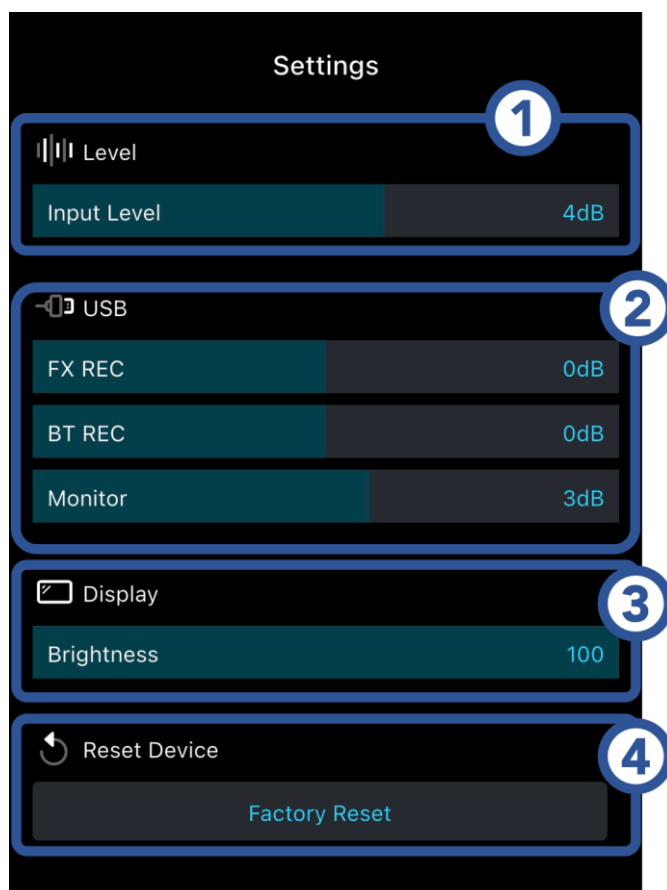
FX REC - Volume of the current preset going to the PC via USB audio.

BT REC - Volume of the Bluetooth audio going to the PC via USB audio.

MONITOR - Volume of the audio from the PC going to the PRISM-MINI via USB.

3 - Set the brightness of the units display.

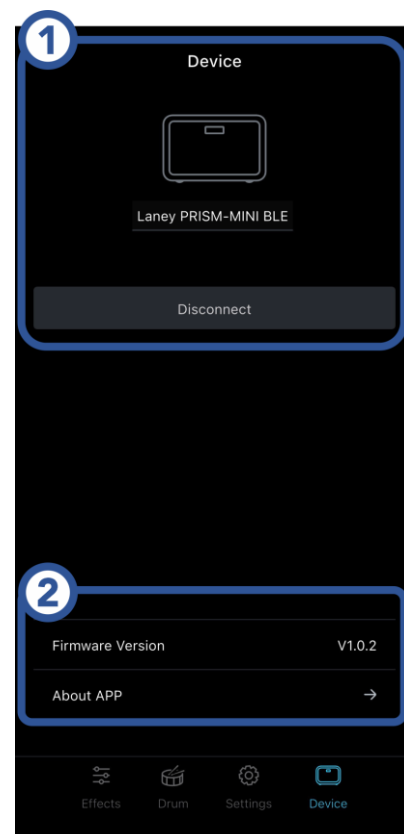
4 - Reset the device to factory presets. All settings and patches are returned to factory default.



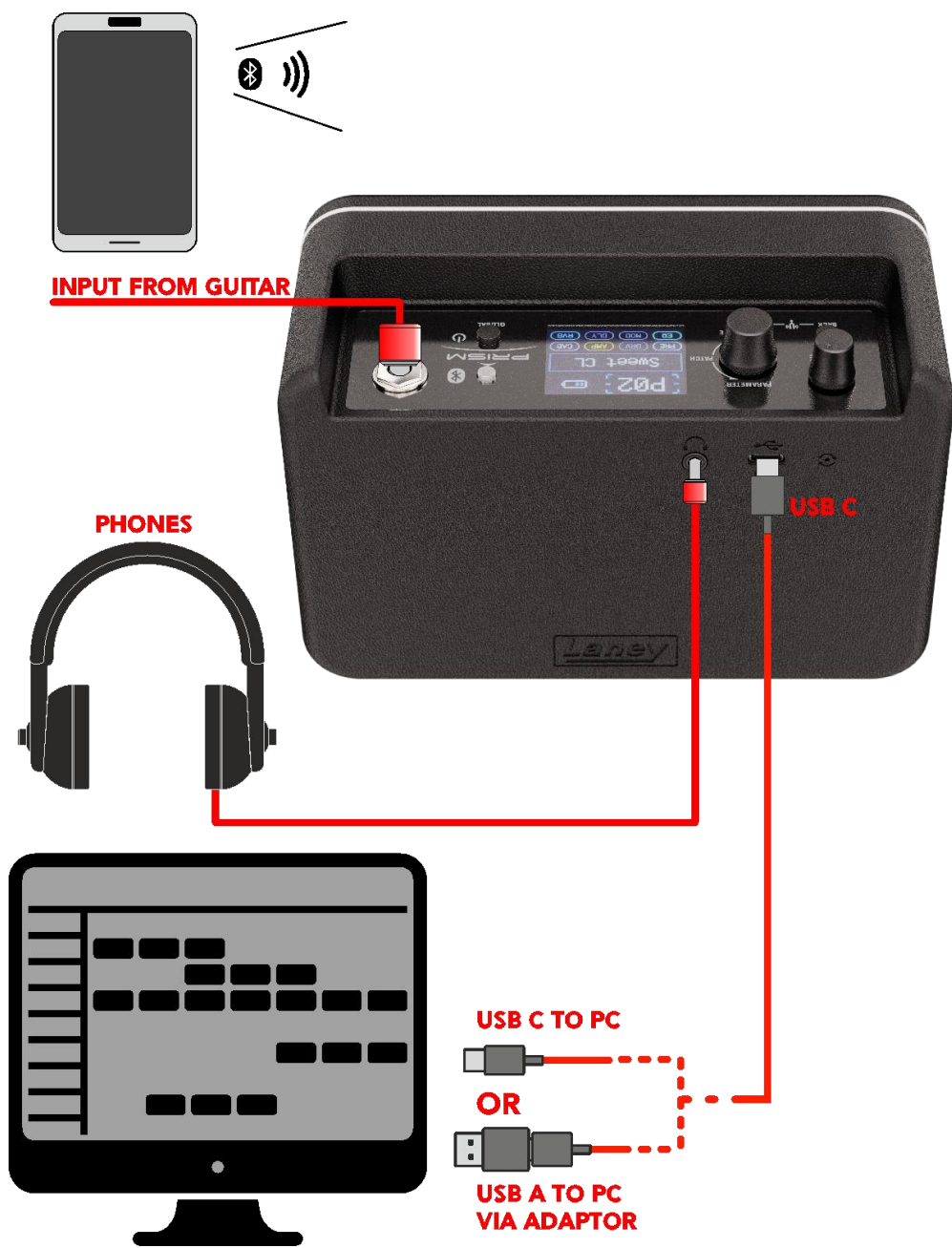
DEVICE PAGE

1 - Displays the current device the app is connected to, along with the ability to disconnect.

2 - Displays the current firmware version of the connected device. Click "About APP" to view more details on the app itself such as your current version.



CONNECTIONS



EFFECT DESCRIPTIONS

The PRISM-MINI comes with 50 Factory Presets and 50 User Presets. The 50 User Presets are, by default, a repeat of the factory presets but can be overwritten & renamed.

Each preset comes with an effects chain, consisting of 8 effects that can be enabled/disabled & modified. Additionally, the PRE, MOD, DLY & RVB effects can be reordered before or after the main amp section (DRV, AMP & CAB).

Only one of each effect can be present for each preset.

PRE - Gate / Compressor / Boost / Auto-Filter / Octave

EFFECT	EFFECT DESC.	CONTROL	CONTROL DESC.
Gate	Noise Gate	Threshold	Trigger threshold for the gate
Comp	Compressor	Sustain	Increase level of compression
		Attack	How long the comp. takes to kick in
		Volume	Output volume of the comp.
		Clip	Adjusts the input sensitivity
Boost		Gain	Output gain of the boost
		+3dB	Add 3dB to the signal
		Bright	Boost high frequencies
Auto Filter	Auto-Wah effect	Depth	Controls the depth of the Wah
		Rate	Controls the speed of the Wah
		VOL	Control the effect volume
		Low	Volume of the low frequencies
		Q	Modify the Q of the filter
		High	Volume of the high frequencies
Pitch	Octave effect	Low	Volume of the low frequencies
		High	Volume of the high frequencies
		Dry	Volume of the dry signal

DRIVE - Overdrive / Distortion / Fuzz / Bass Drive

EFFECT	EFFECT DESC.	CONTROL	CONTROL DESC.
OD	Overdrive effect	Gain	Change the gain of the effect
		Tone	Adjust the brightness of the effect
		VOL	Effect output volume
Distortion	Distortion effect	Gain	Change the gain of the effect
		Tone	Adjust the brightness of the effect
		VOL	Effect output volume
Fuzz	Fuzz effect	Fuzz	Amount of fuzz distortion
		VOL	Effect output volume
Bass drive	Bass drive effect based on the Blackheath Pedal	Gain	Change the gain of the effect
		Blend	Level of wet/dry signal mixing
		VOL	Effect output volume
		Bass	Volume of the low frequencies
		Treble	Volume of the high frequencies

AMP - Choose from a selection of various Laney amp models.

Choose from four amplifier types, each with a few models, designed to accurately replicate the original sound.

CLEAN - Cub-1, Lionheart 1, Lionheart 2, Digbeth 3, Digbeth 4

DRIVE - Ironheart 1, GH 1, GH 2, VC 1

HI-GAIN - VH1, Ironheart 2, LC 1, GH 3, Lionheart 3, Ironheart 3

BASS - Digbeth 1, Digbeth 2

CAB - Choose from various preset cabinet IRs or your own User Imported IRs.

SMALL CAB - CUB 1, LT 1, GS 1, LT 2, GS 2, LT 3, LA 1

LARGE CAB - LT 4, LA 2, IRT 1, GS 3, GS 4, IRT 2

BASS CAB - DBV 1, DBV 2

USER IR - 5 Slots for user imported IRs

EQ - 3 EQ stacks, G1, G2 & Bass. Each feature a different peaking EQ stack along with an output volume control.

EQ-G1 - 125Hz / 400Hz / 800Hz / 1.6kHz / 4kHz

EQ-G2 - 100Hz / 500Hz / 1kHz / 3kHz / 6kHz

EQ-B - 50Hz / 120Hz / 400Hz / 800Hz / 4.5kHz

MODULATION - Flanger / Phaser / Vibrato / Tremolo / Chorus A / Chorus B

EFFECT	EFFECT DESC.	CONTROL	CONTROL DESC.
Flanger	Flanger Effect	Depth	Control the depth of the effect
		Rate	Control the speed of the effect
		P.Delay	Control the effects pre delay
		F.Back	Control the effect feedback
Phaser	Phaser effect	Rate	Control the speed of the effect
Vibrato	Vibrato effect	Depth	Control the depth of the effect
		Rate	Control the speed of the effect
Tremolo	Tremolo effect	Depth	Control the depth of the effect
		Rate	Control the speed of the effect
Chorus A	Chorus based on the Spiral Array Pedal	Depth	Control the depth of the effect
		Rate	Control the speed of the effect
		Tone	Adjust the brightness of the effect
Chorus B	Chorus based on the Spiral Array Pedal	Depth	Control the depth of the effect
		Rate	Control the speed of the effect
		VOL	Output volume of the effect

DELAY - Pure / Mag / Reverse / Slap / Sweep / Ping-Pong / Warm

EFFECT	EFFECT DESC.
Pure	A precise and pure delay effect
Mag	Analog tape delay sound
Reverse	The delay effect is reversed compared to the dry signal
Slap	Slap back delay sound
Sweep	The delay effect is modulated by a sweep filter
Ping-Pong	A back-and-forth delay sound, alternating between left and right channels
Warm	A warm delay sound

Each effect has 3 controls:

Mix - Adjust the blending of the dry/wet signals

Time - Adjusts the delay time

F.Back - Adjust the delay feedback amount

The 'Sweep' effect also has a Depth and Rate control.

REVERB - Plate / Spring / Secret Path / Air / Room / Hall / Church

Each effect has 2 controls:

Mix - Adjust the blending of the dry/wet signals

Decay - Adjusts the decay of the reverb sound

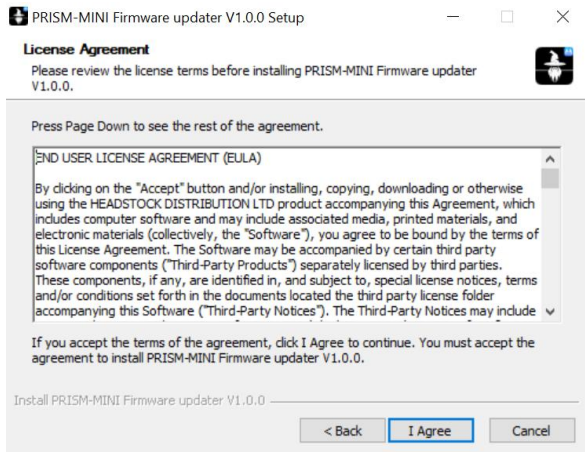
A couple of the reverb sounds also have a Dampening and Modulation control.

FIRMWARE UPDATER

To update the firmware on your PRISM-MINI, you will first need to install the PRISM-MINI Firmware updater application to your computer.

This can be downloaded via the [QR code](#) at the start of manual.

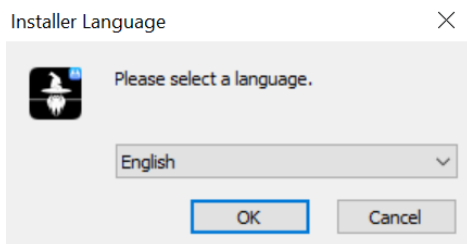
WINDOWS INSTALL



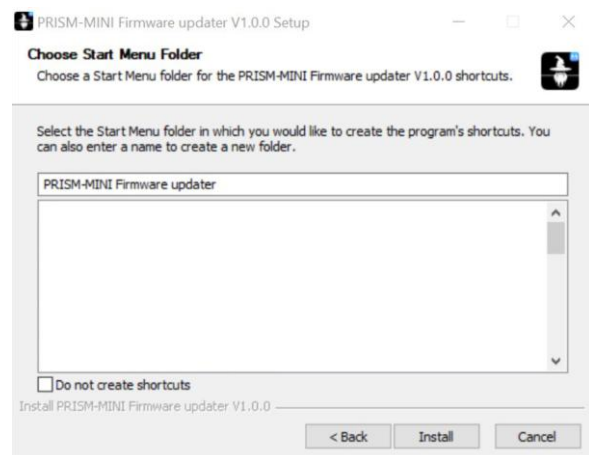
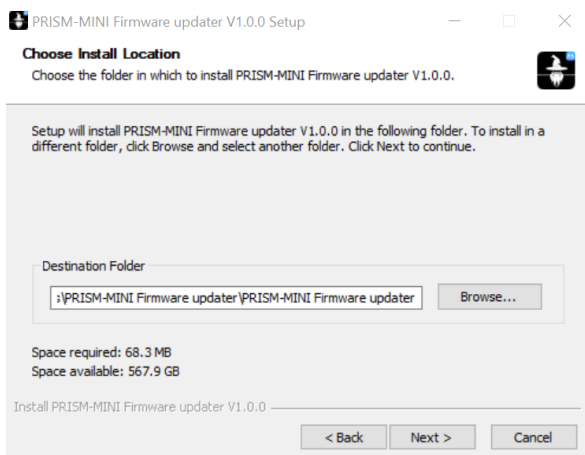
Once the installer is downloaded, run it and follow the instructions.

Select your language, and press 'Next', then agree to the EULA to continue.

Note the version of your setup installer may be a later version compared to what is shown in these images.

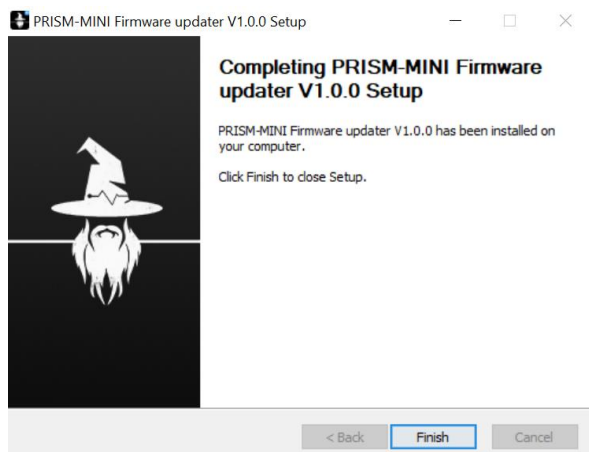


Choose your install location for the firmware updater, this should default to the Program Files folder.



Then choose a location in your start folder for the app shortcut to be located. By default, this will be in the root folder of your start menu. Alternatively tick the 'Do not create shortcuts' box to disable this feature.

Finally press 'Install' and the Firmware updater will be installed. If successfully installed, the final window below will display, press 'Finish' to end the installation process.

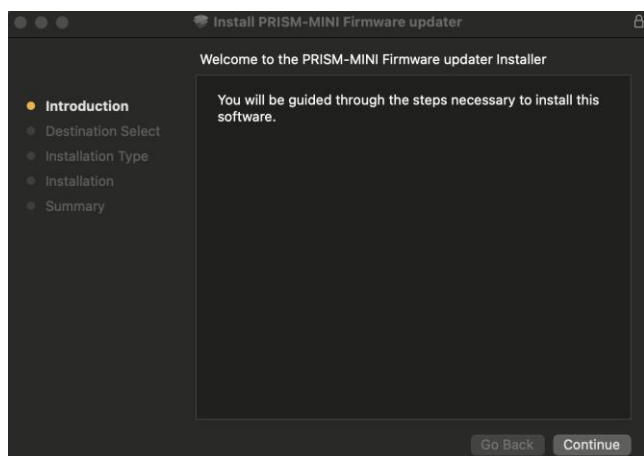


MAC OS INSTALL

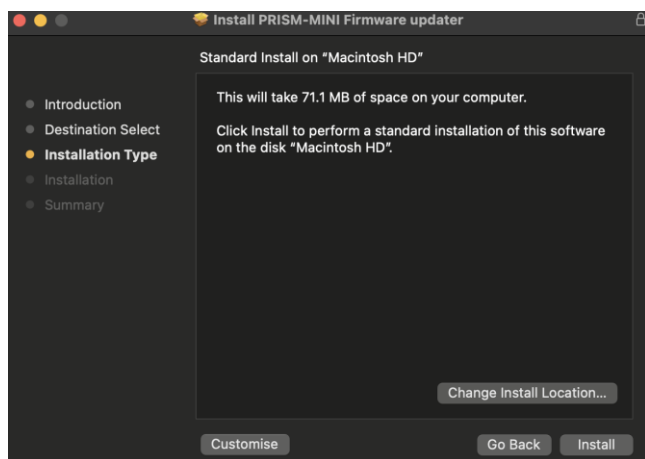
To update the firmware on your PRISM-MINI, you will first need to install the PRISM-MINI Firmware updater application to your computer.

This can be downloaded via the [QR code](#) at the start of manual.

Run the installer to opening the installer window and start the installation process.



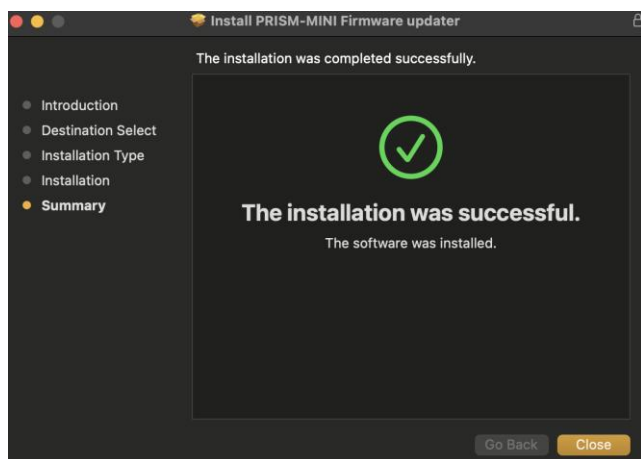
Press 'Continue' on the Introduction page to go to the Destination Select page. Once the destination has been selected, press 'Continue' to proceed to the 'Installation Type'.



This Installation Type shows the full size of the installation as well as the option to change the install directory for the application. The directory must have enough memory space for the firmware updater application.

Use the 'Change Install Location' button to choose a new directory.

Press 'Install' to start the actual install.

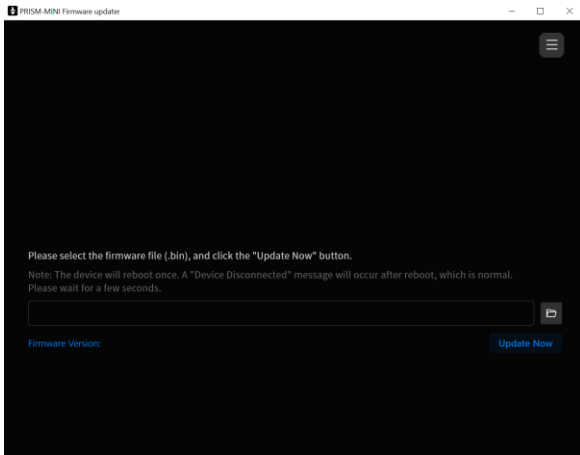


Once complete the installation will show it was successful, allowing you to finish the process by pressing 'Close'.

RUNNING THE UPDATER

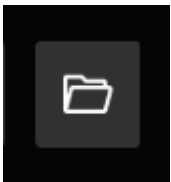
Once installed, you will be able to launch the firmware updater.

Initially, with no PRISM-MINI connected, you will only be able to view the current app version and change the language. Changing language will require a restart.



Connect your PRISM-MINI to the computer via the USB socket, and power it on.

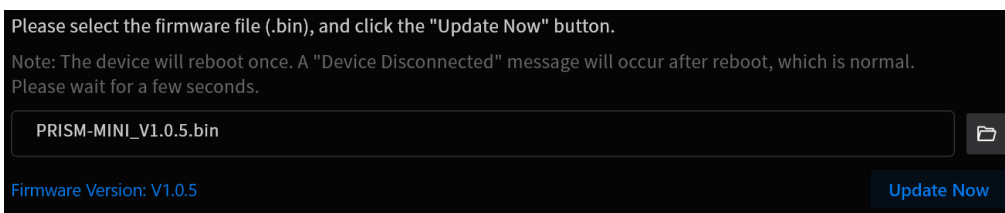
The app will automatically register the connection and change to the updater window. Use the folder button to browse your local files and select the firmware .bin file to update to.



DOWNLOAD THE LATEST FIRMWARE

The latest firmware will always be available to download via the PRISM-MINI [QR code](#), found at the start of the manual.

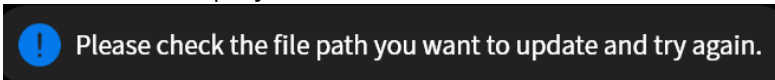
Select the downloaded firmware on the app to update the device with.

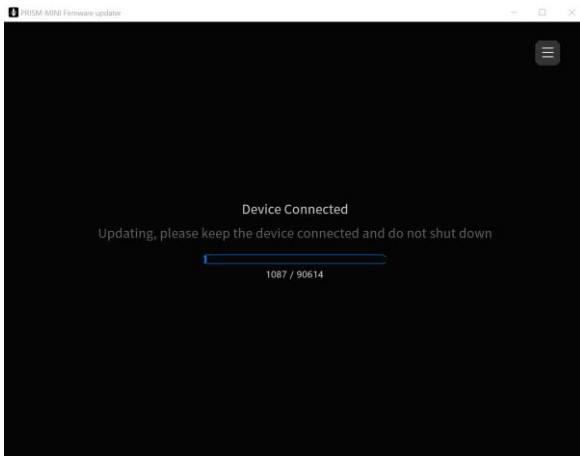


The firmware you selected will appear in the browser, with the firmware version shown in blue below.

Press 'Update Now' to update the connected PRISM-MINI to the selected firmware.

An error will display if the file selected does not exist.





The firmware updating page will display and show the progress of the update.

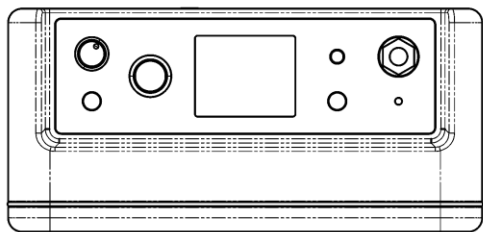
The display on the PRISM-MINI will show that it is updating.

Please do not disconnect the PRISM-MINI or close the app while updating.

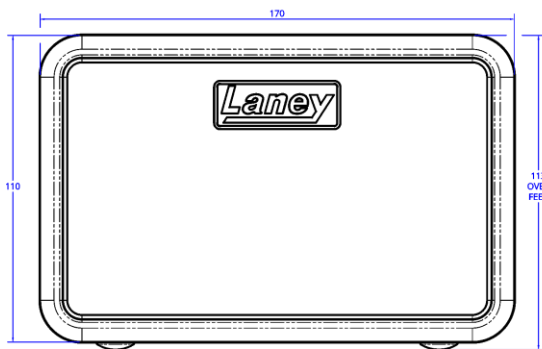
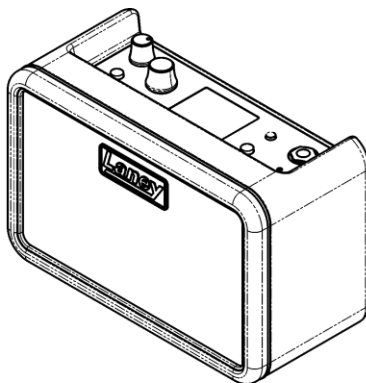
The update may take a few minutes.

Once complete, the PRISM-MINI will restart and launch with the new firmware.

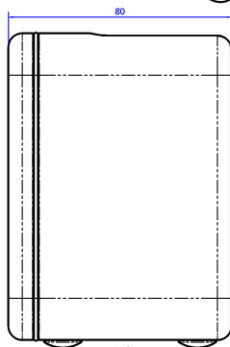
DIMENSIONS



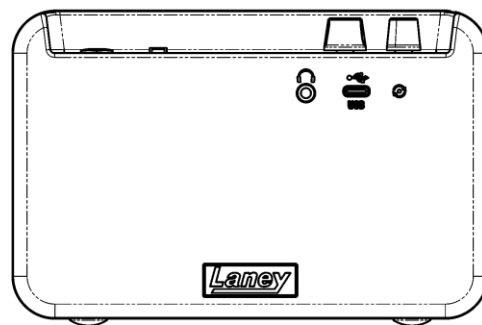
Top



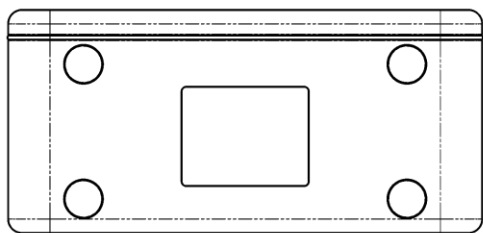
Front



Right



Rear



Base

SPECIFICATIONS

Model No	PRISM-MINI
SKU Codes	PRISM-MINI-BK (BLACK) AND PRISM-MINI-BL (BLUE)
Type	Battery powered guitar combo with Multi-Effects
Loudspeakers	2 x 1.5"
Power Rating	6W RMS (2x3W Stereo)
Digital FX	8 Groups Available: PRE, DRIVE, AMP, CAB, EQ, MODULATION, DELAY REVERB for independent or simultaneous use
Preset Memory	100 Presets Slots (50 user plus 50 Factory Presets)
Additional Features	Onboard Guitar Tuner and Drum Machine
Input	6.3mm (1/4") Mono Jack Instrument Socket, USB Audio
Output	3.5mm (1/8") Phones USB Type C audio IO
IR	User importable IRs
USB	USB Type C for charging and Audio IO
Controls	Volume Control, Parameter Rotary Encoder with Push Switch, Bluetooth, Global and Back Push buttons
Display	1.77" Full Colour
Bluetooth	Bluetooth® 5.3 BLE Control and Audio
Indicators	Power & Illuminated Bluetooth switch
Enclosure	Textured Plastic
Power Supply	Chargeable via USB Type C, 5V 2A, 10W (Cable included)
Battery	Built in Lithium-Ion Battery 2000mAh 7.4V, 14.8Wh with up to 14 hours play time
Power Consumption	10W
Unit dimensions (HWD)	113 x 170 x 80mm, (4.4" x 6.7" x 3.1")
Unit weight	0.52Kg, (1.1 lbs)
Carton dimensions (HWD)	120 x 185 x 90mm, (4.7" x 7.3" x 3.5"), 0.002 M3
Packed Weight	0.6Kg, (1.3 lbs)
EAN Code	5061098770188 (BLACK) 5061098770195 (BLUE)
Master Carton Dimensions (HWD)	420 x 410 x 325mm, (16.5" x 16.1" x 12.8"), 0.056 M3
Master Shipping Carton Weight	12.1Kg, (26.7 lbs)







SAFETY AND WARNINGS

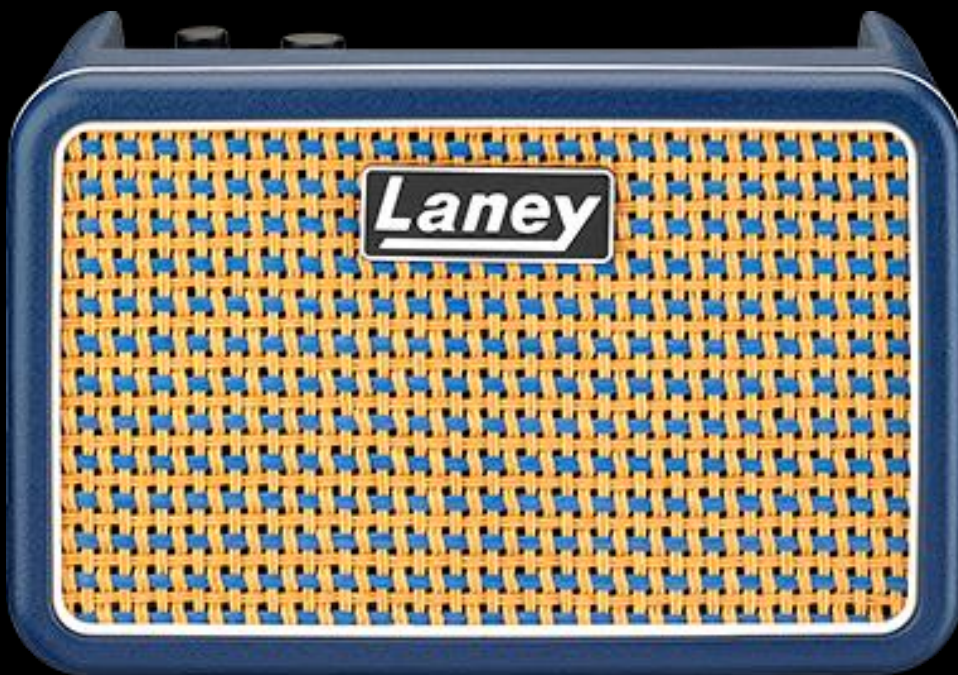
To take full advantage of your new product and enjoy long and trouble-free performance, please read this owner's manual carefully, and keep it in a safe place for future reference.

MANUFACTURER: LANEY AMPLIFICATION. STEELPARK ROAD,
COOMBS WOOD BUSINESS PARK WEST, HALESOWEN, B62 8HD, UK

- 1) Unpacking: On unpacking your product, please check carefully for any signs of damage that may have occurred whilst in transit from the Laney factory to your dealer. In the unlikely event that there has been damage, please re-pack your unit in its original carton and consult your dealer. We strongly advise you to keep your original transit carton, since in the unlikely event that your unit should develop a fault, you will be able to return it to your dealer for rectification securely packed.
- 2) Amplifier Connection: To avoid damage, generally it is advisable to establish and follow a pattern for turning on and off your system. With all system parts connected, turn on source equipment, mixers, effects processors etc, BEFORE turning on your amplifier. Many products have large transient surges at turn on and off which can cause damage to your speakers. By turning on your amplifier LAST and making sure its level control is set to a minimum, any transients from other equipment should not reach your loudspeakers. Wait till all system parts have stabilised, usually a couple of seconds. Similarly, when turning off your system always turn down the level controls on your amplifier and then turn off its power before turning off other equipment.
- 3) Cables: Never use shielded or microphone cable for any speaker connections as this will not be substantial enough to handle the amplifier load and could cause damage to your complete system. Use good quality shielded cables everywhere else.
- 4) Servicing: The user should not attempt to service these products. Refer all servicing to qualified service personnel.
- 5) Heed all warnings.
- 6) Follow all instructions.
- 7) Do not use this apparatus near water.
- 8) Clean only with a dry cloth.
- 9) Do not block any of the ventilation openings. Install in accordance with manufacturer's instructions.
- 10) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 11) An apparatus with Class I construction shall be connected to a mains socket outlet with a protective connection. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 12) Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point they exit from the apparatus.
- 13) Only use attachments/accessories provided by the manufacturer.
- 14) Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 15) The mains plug or appliance coupler is used as the disconnect device and shall remain readily operable. The user should allow easy access to any mains plug; mains coupler and mains switch used in conjunction with this unit thus making it readily operable. Unplug this apparatus during lightning storms or when unused for long periods of time.
- 16) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 17) Never break off the ground pin. Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.
- 18) If this product is to be mounted in an equipment rack, rear support should be provided.
- 19) Note for UK only: If the colours of the wires in the mains lead of this unit do not correspond with the terminals in your plug, proceed as follows:
 - o The wire that is coloured green and yellow must be connected to the terminal that is marked by the letter E, the earth symbol, coloured green or coloured green and yellow.
 - o The wire that is coloured blue must be connected to the terminal that is marked with the letter N or the colour black.
 - o The wire that is coloured brown must be connected to the terminal that is marked with the letter L or the colour red.
- 20) This electrical apparatus should not be exposed to dripping or splashing and care should be taken not to place objects containing liquids, such as vases, upon the apparatus.
- 21) Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposures: According to OSHA, any exposure more than the above permissible limits could result in some hearing loss. Earplugs or protectors to the ear canals or over the ears must be worn when operating this amplification system to prevent a permanent hearing loss, if exposure is more than the limits as set forth above. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels such as this amplification system be protected by hearing protectors while this unit is in operation. In the EU, exposure is regulated under Directive 2003/10/EC. Prolonged exposure above 85 dB(A) can cause hearing damage. Hearing protection must be used when operating equipment capable of producing high sound pressure levels.

Duration Per Day in Hours	Sound Level dBA, slow response
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 ou inférieur	115
- 22) If your appliance features a tilting mechanism or a kickback style cabinet, please use this design feature with caution. Due to the ease with which the amplifier can be moved between straight and tilted back positions, only use the amplifier on a level, stable surface. DO NOT operate the amplifier on a desk, table, shelf or otherwise unsuitable non-stable platform.
- 23) For models with built in Bluetooth. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Headstock Distribution Ltd is under license. Other trademarks and trade names are those of their respective owners. Laney Electronics Ltd. is a registered trademark of Headstock Distribution Ltd.
 - o INCORPORATED RADIO EQUIPMENT DEVICE TECHNICAL SPECIFICATION:
 - o Frequency Range: 2402-2480MHz
 - o Transmit Power: +2dBm (1.6mW)
 - o Receiver Sensitivity: -91dBm
 - o Operating Protocol: Bluetooth Class 2, V5.3
- 24) Symbols & nomenclature used on the product and in the product manuals, intended to alert the operator to areas where extra caution may be necessary, are as follows:

 CAUTION:	<p>Intended to alert the user to the presence of uninsulated 'Dangerous Voltage' within the products enclosure that may be sufficient to constitute a risk of electrical shock to persons.</p> <p>Ce symbole est utilisé pur indiquer a l'utilisateur de ce produit de tension non-isolée dangereuse pouvant être d'intensité suffisante pour constituer un risque de choc électrique.</p> <p>Este símbolo tiene el propósito de alertar al usuario de la presencia de '(voltaje) peligroso' que no tiene aislamiento dentro de la caja del producto que puede tener una magnitud suficiente como para constituir riesgo de corrientazo.</p> <p>Dieses Symbol soll den Anwender vor unisolierten gefährlichen Spannungen innerhalb des Gehäuses warnen, die von ausreichender Stärke sind, um einen elektrischen Schlag verursachen zu können.</p>
 WARNING:	<p>Intended to alert the user of the presence of important operating and maintenance (Servicing) instructions in the literature accompanying the product.</p> <p>Destiné à alerter l'utilisateur de la présence d'instructions importantes d'exploitation et de maintenance (entretien) dans la documentation accompagnant le produit.</p> <p>Este símbolo tiene el propósito de la alertar al usuario de las presencias de instrucciones importantes sobre la operación y mantenimiento en la literatura que viene con el producto.</p> <p>Dieses Symbol soll den Benutzer auf wichtige Instruktionen in der Bedienungsanleitung aufmerksam machen, die Handhabung und Wartung des Produkts betreffen.</p>
<p>CAUTION:</p> <p>ATTENTION :</p> <p>PRECAUCION:</p> <p>VORSICHT:</p>	<p>Risk of electrical shock - DO NOT OPEN. To reduce the risk of electrical shock, do not remove the cover. No user serviceable parts inside. Refer servicing to qualified personnel.</p> <p>Risques de choc électrique - NE PAS OUVIRIR. Afin de réduire le risque de choc électrique, ne pas enlever le couvercle. Il ne se trouve a l'intérieur aucune pièce pouvant être réparée par l'utilisateur. Confier l'entretien a un personnel qualifié.</p> <p>Riesgo de descarga eléctrica - NO ABRIR. Para reducir el riesgo de descarga eléctrica, no quite la cubierta. No hay piezas reparables por el usuario en el interior. Remita el servicio a personal calificado.</p> <p>Risiko - Elektrischer Schlag! Nicht offen! Um das Risiko eines elektrischen Schlages zu vermeiden, nicht die Abdeckung entfernen. Es befinden sich keine Teile darin, die vor Anwender repariert werden konnten. Reparaturen nur von qualifiziertem Fachpersonal durchführen lassen.</p>
<p>WARNING:</p> <p>ADVERTISSEMENT :</p> <p>ADVERTENCIA:</p> <p>ACHTUNG:</p>	<p>To prevent electrical shock or fire hazard, do not expose this appliance to rain or moisture. Before using this appliance, please read the operating instructions for further warnings.</p> <p>Afin de prévenir les risques de décharge électrique ou de feu, n'exposez pas cet appareil a la pluie ou a l'humidité. Avant d'utiliser cet appareil, lisez les avertissements supplantais situes dans le guide.</p> <p>Para evitar descargas eléctricas o peligro de incendio, no exponga este aparato a la lluvia ni a la humedad. Antes de usar este aparato, lea las instrucciones de funcionamiento para conocer más advertencias.</p> <p>Um einen elektrischen Schlag oder Feuergefahr zu vermeiden, sollte dieses Gerat nicht dem Regen oder Feuchtigkeit ausgesetzt werden. Vor Inbetriebnahme unbedingt die Bedienungsanleitung lesen.</p>
	<p>This device complies with Part 15 of the FCC rules Operation is subject to the following two conditions:</p> <ol style="list-style-type: none"> 1) This device may not cause harmful interference. 2) This device must accept any interference received, that may cause undesired operation. <p>Warning: Changes or modification to the equipment not approved by Laney can void the user's authority to use the equipment.</p> <p>Note: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures. Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.</p>
	<p>This product conforms to the requirements of the following European Regulations, Directives & Rules: CE Mark (93/68/EEC), Low Voltage 2014/35/EU, EMC (2014/30/EU), RoHS (2011/65/EU), RED (2014/30/EU), ErP 2009/125/EU</p> <p>SIMPLIFIED EU DECLARATION OF CONFORMITY</p> <p>Hereby, Laney Electronics declares that the radio equipment is in compliance with Directives 2014/53/EU, 2011/65/EU, 2009/125/EU</p> <p>Full text of the EU declaration of conformity is available at the following internet address: http://support.laney.co.uk/approvals</p>
	<p>The object of the declaration described above is in conformity with the relevant statutory requirement Radio Equipment Regulations 2017, The Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2012.</p>
	<p>In order to reduce environmental damage, at the end of its useful life, this product must not be disposed of along with normal household waste to landfill sites. It must be taken to an approved recycling centre according to the recommendations of the WEEE (Waste Electrical and Electronic Equipment) directive applicable in your country.</p>



LANEY AMPLIFICATION
STEELPARK ROAD, COOMBSWOOD BUSINESS PARK WEST, HALESOWEN, B62 8HD. UK
FOR THE LATEST INFORMATION PLEASE VISIT WWW.LANEY.CO.UK

**IN THE INTEREST OF CONTINUED DEVELOPMENT, LANEY RESERVES THE RIGHT TO AMEND
PRODUCT SPECIFICATION WITHOUT PRIOR NOTIFICATION**