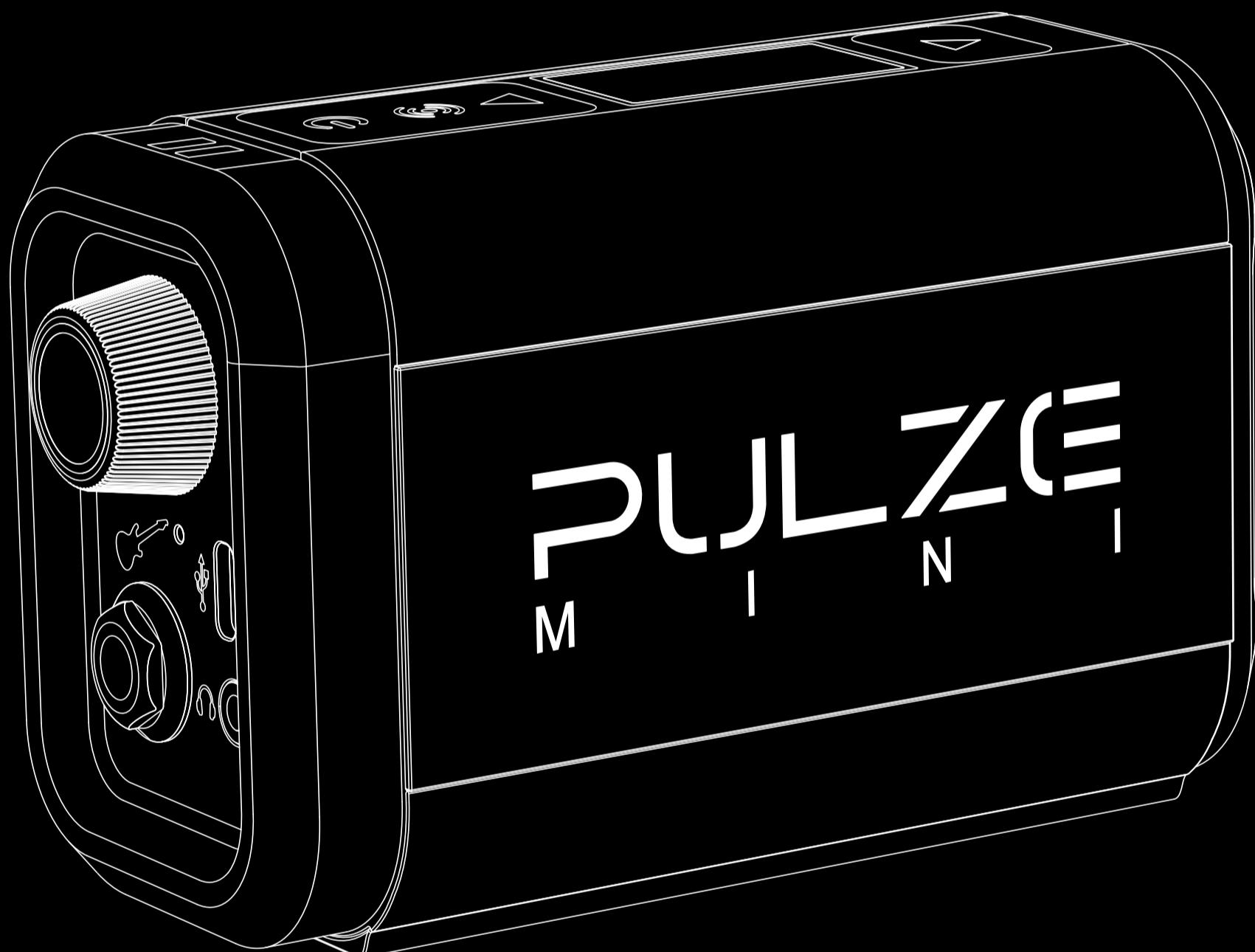


PULZE
M I N I

User Manual

For Firmware V1.0.2



HOTONE
DESIGN INSPIRATION

※In the interest of product improvement, the specifications and/or the content of products (including but not limited to appearances, packaging design, manual content, accessories, size, parameters and display screen), are subject to change without prior notice. Please check with local supplier for exact offers. Specifications and features (including but not limited to appearances, colors and size) may vary by model owing to environmental factors, and all images are illustrative.

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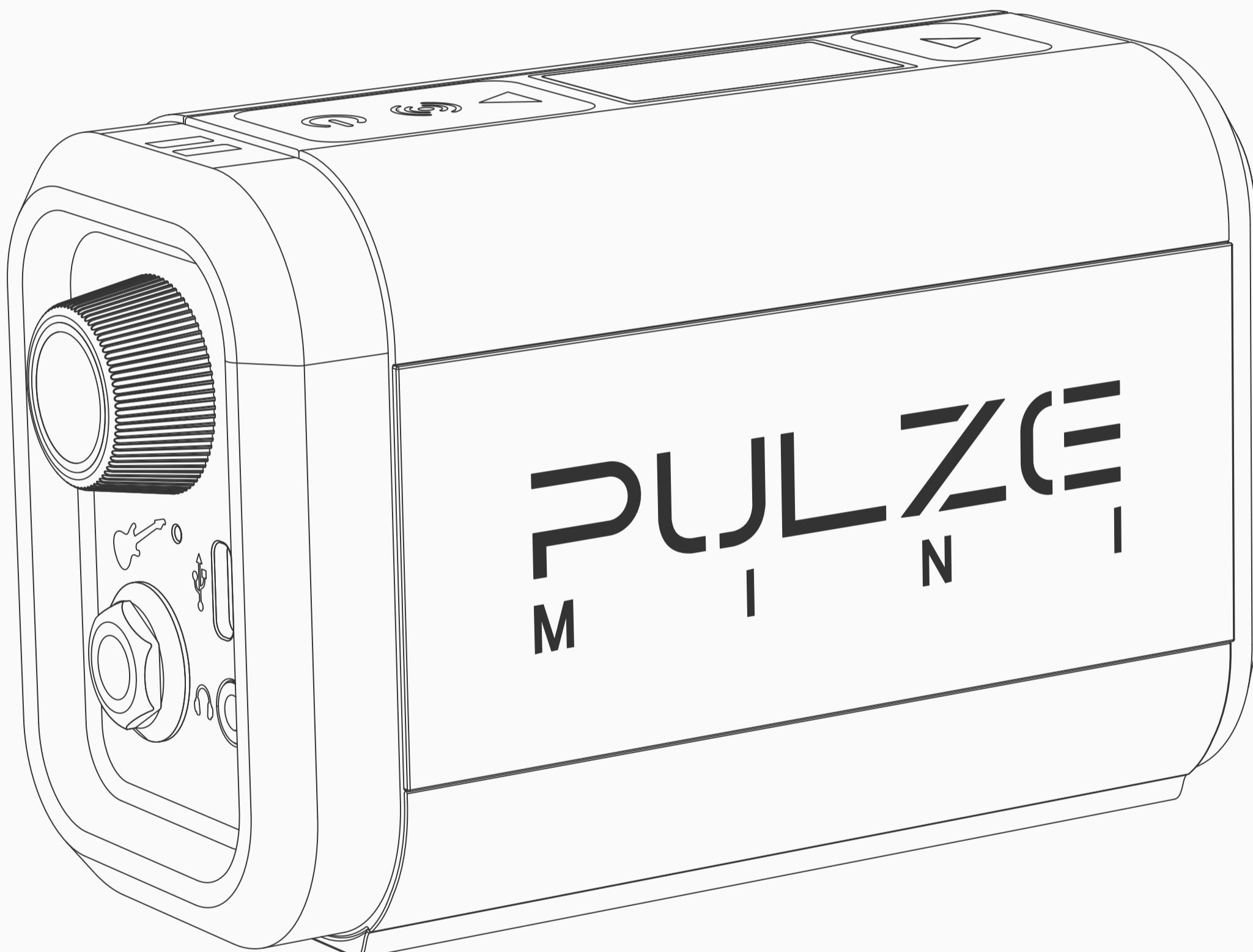
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Welcome

Thank you for purchasing a Hotone product.

Please read this manual carefully to get the most out of your Pulze Mini.

Please keep this manual in a safe place for further reference.



Safety Instructions

Precautions

PLEASE READ CAREFULLY BEFORE OPERATING THE DEVICE.

Please keep this manual in a safe place for future reference.

Please always follow the basic precautions listed below.

These precautions include, but are not limited to, the following:



Definition of intended use

Power supply & power cord

Please check the voltage specification on the device or device power adaptor match your power supply network.

Please be sure to use the device just with an adequate power supply, such as original supplied power adaptor.

When using a 3rd party power adapter, please make sure the power adapter fits the device's power requirement. Use of an adapter other than that specified could damage the unit or cause malfunction and pose a safety hazard, such as incorrect polarity would cause the fire hazard.

Hotone will not be responsible for physical injury to you or others, or damage to the device or other property.

When disconnecting the adapter from an outlet, please always pull the connector itself. Pulling the cord will cause damage to the unit.

Make sure to separate the power adapter and store in a safe place.

Please remove the electric plug from the outlet when the device is not to be used for extended periods of time, or during electrical storms.

Please be sure to connect to an appropriate outlet with a protective grounding connection.

Do not open

This device contains no user-serviceable parts. Do not open the device or attempt to disassemble the internal parts or modify them in any way.

Opening the case may expose you to dangerous voltages, or other hazards.

Opening the casing or performing self-repairs on this device will result in the loss of the warranty eligibility for this device.

If it should appear to be malfunctioning, please discontinue use immediately and contact our service team.

Water warning

Do not expose the device to rain, use it near water or in damp or wet conditions, or place on it any containers (such as vases, bottles or glasses) containing liquids which might spill into any openings. If any liquid such as water seeps into the device, turn off the power immediately and unplug the power cord from the AC outlet.

Please never insert or remove an electric plug with wet hands.

Fire warning

Please do not place any burning items or open flames near the device, since they may cause a fire hazard.

Electromagnetic fields warning

Please avoid operating the device within significant electromagnetic fields. Failing to do so may result in noise, device malfunction, or even loss of data etc.

Hearing loss

Please avoid setting all volume levels to their maximum, specially with using headphones. Depending on the condition of the connected devices, doing so may result in feedback that can cause hearing loss and damage the speakers or headphones.

Before connecting the device to other devices, please turn off the power for all devices. Also, before turning the power of all devices on or off, please make sure that all volume levels are set to the minimum. Failing to do so may result in hearing loss, electric shock, or device damage.

Location

Please keep away from children, or be accompanied by an adult. The following may cause choking hazard.

- Swallowing of small parts.
- Plastic covers and other packaging material.

While using, please do not cover the device with any cloth, or block any jack of the device.

The device and power supply will become warm with extended use.

Please avoid using the device in any of the following conditions that could cause malfunction:

- Extremely hot or cold places
- Sandy or dusty places
- Contact with corrosive gases or salt air
- Places with extreme vibrations

Before moving the device, please be sure to remove all connected cables, and power adaptor.

Depending on the material and temperature of the surface on which you place the device, its rubber feet may discolor or mar the surface.

Maintenance

Please remove the power plug from the AC outlet while cleaning the device.

Please use a soft cloth to clean the panels if they become dirty. If necessary, slightly moisten the cloth.

Never use cleansers, wax, or solvents such as paint thinner, benzene or alcohol.

Operation

Please do not apply excessive force to the knobs, switches, jacks, and other controls.

Please do not apply excessive force to the screen (if applicable) or casing, which may cause malfunction.

Please do not expose the unit to strong impact or drop it.

Please do not place foreign objects (liquid or solid) into the device.

Malfunction

If any of the following problems occur, immediately turn off the device and disconnect the electric plug from the outlet.

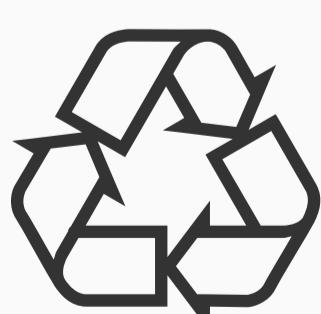
- The device is dropped or damaged.
- The power cord or plug becomes frayed or damaged.
- The power adaptor malfunction.
- Unusual smells or smoke are emitted.
- Some object has been dropped into the device.
- There is a sudden loss of sound during use of the device.
- Cracks or other visible damage appear on the device.
- The device has other obvious signs of malfunction (e.g. can not turn on, knobs can not work, volume is too low, etc.)

Then please contact our service team.

About disposal

While disposing of this product, please take them to applicable collection points, for proper treatment, in accordance with your national legislation.

Disposal of the packaging material



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling. Ensure that plastic bags, packaging, etc. are properly disposed of.

Please do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling.

Disposal of your old device

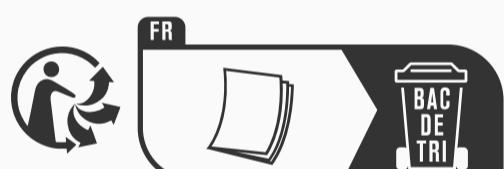


This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

By disposing of these products correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE Directive - Waste Electrical and Electronic Equipment) as amended from time to time version.



Observe the disposal note for documentation in France.

Disposal of batteries



Batteries must not be discarded or incinerated, but disposed of in accordance with local hazardous waste disposal regulations.

Service Contact

Please prepare information including the model name, serial number, specific symptoms related to the malfunction, your name, address and telephone number, etc.

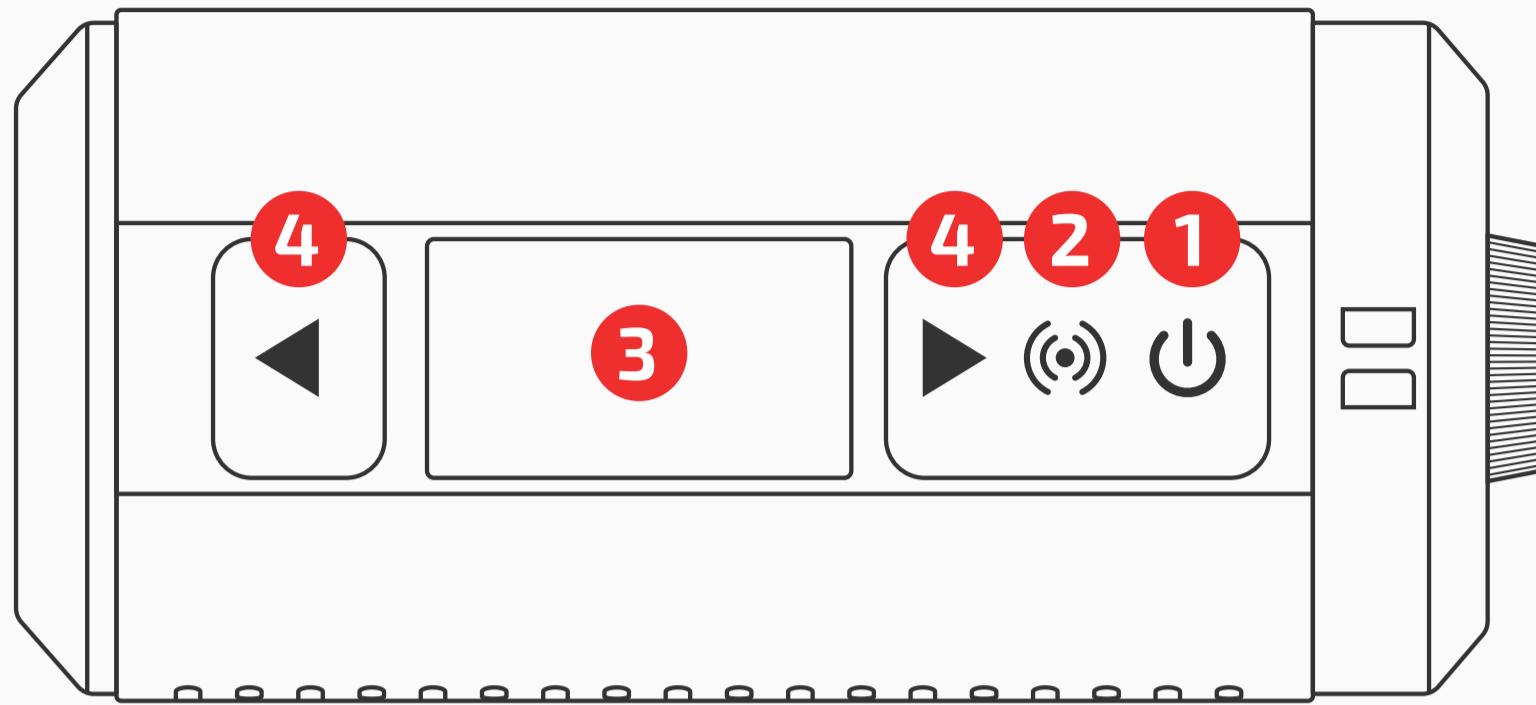
You can contact the store where you bought the device, or contact Hotone support (service@hotone.com)

Please use this device according to the manual provided. Any other use, as well as

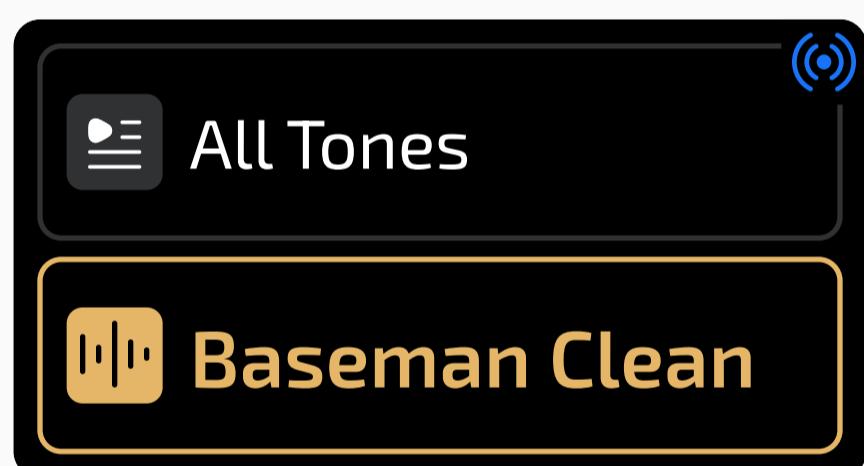
use under other operating conditions, is considered improper use.

Hotone cannot be held responsible for damage caused by improper use or modifications to the device.

Panel



- 1. Power Button:** Hold to turn the unit on/off.
- 2. BT Switch:** Hold to turn BT function on/off.
- 3. Screen:** Displays unit current status.
- 4. ◀/▶ Button:** Press either button to switch tones/songlists; press both to choose whether to switch tones or songlists:

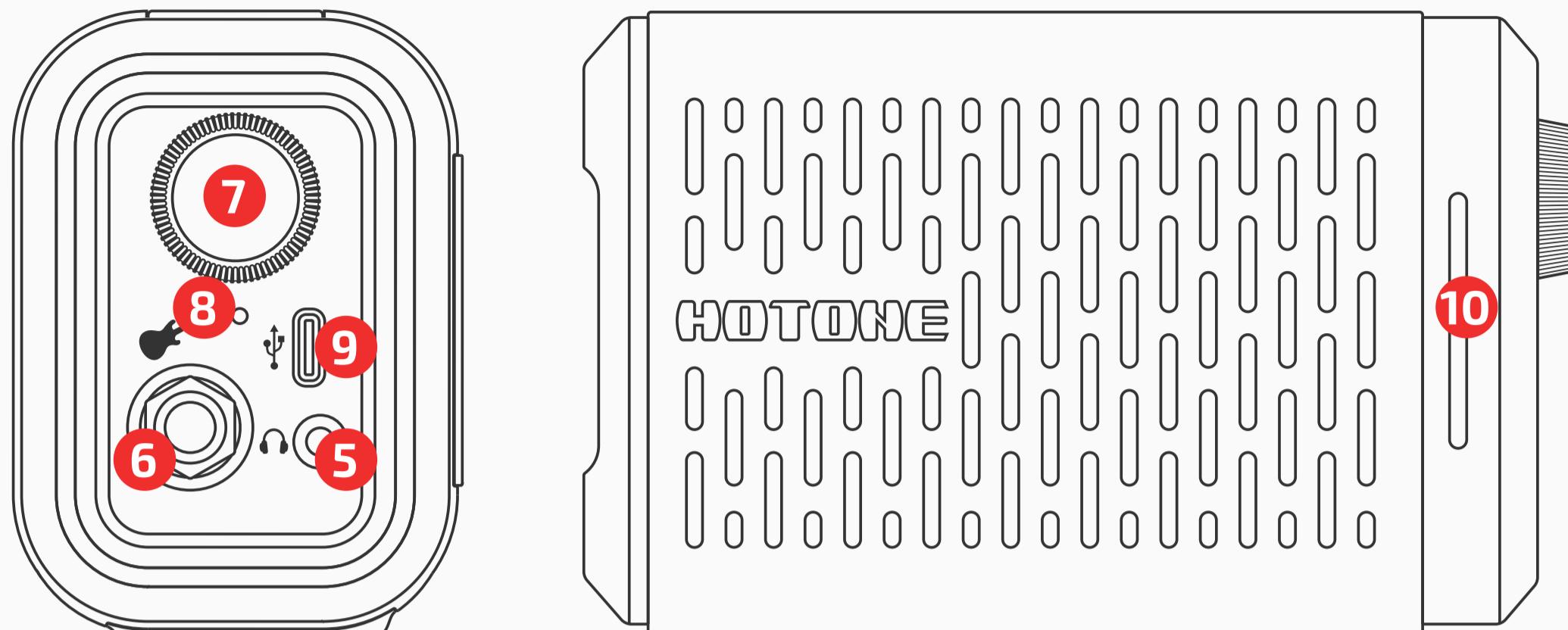


Switch tones

Press Both
◀ + ▶



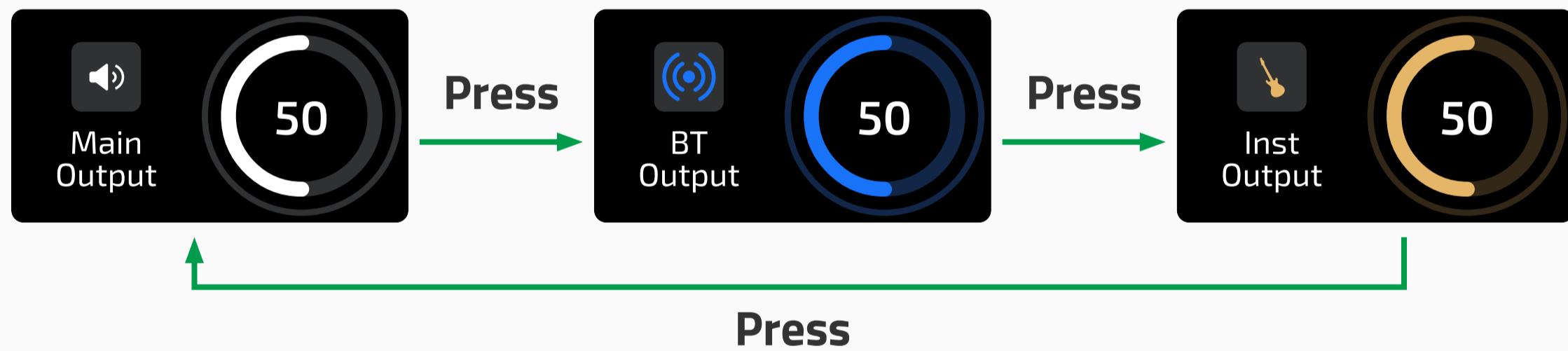
Switch songlists



5. Phones Jack: 1/8" stereo output for connecting headphones. When plugged in, the speaker output will be MUTED.

6. Input Jack: 1/4" mono input connection for guitar or other instruments.

7. Volume Knob: Turn to adjust master/BT/instrument volume, hold to enter tuner, press to cycle through knob functions:



8. Reset Button: Force power off switch triggered by a sim card needle or similar tools.

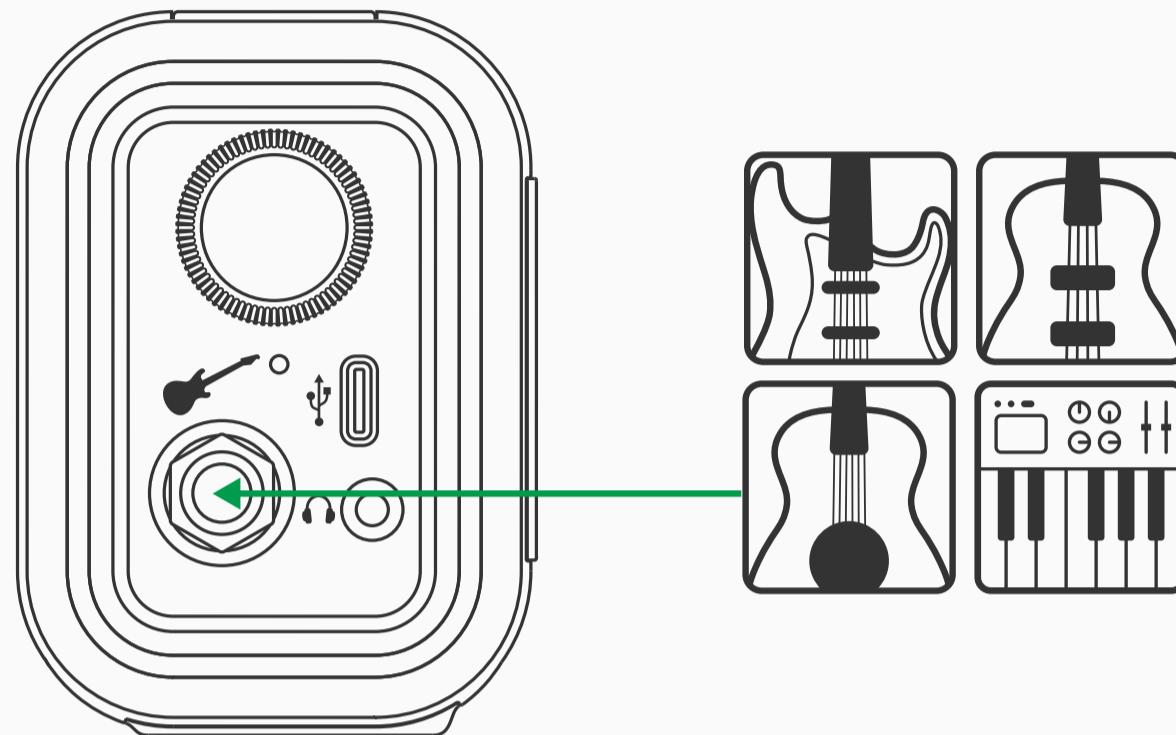
9. USB Jack: USB 2.0 Type-C jack for connecting to computers/phones. We recommend to use with an OTG cable when connecting phones/pads.

10. Atmosphere Light Strip: RGB LED strip lights for indicating I/O meter, acting as a parameter status bar, etc.

Quickstart

Connecting Instruments

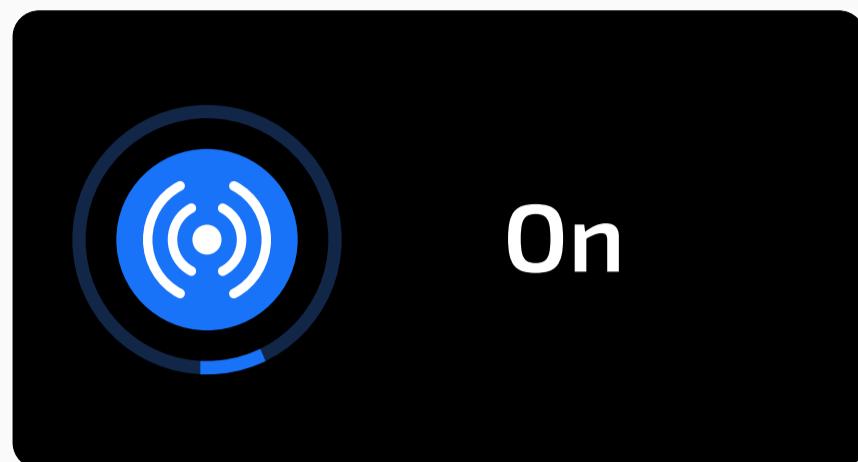
1. Connect your instrument (guitars, basses, etc.) to Pulze Mini's input jack:



2. Hold the power button to turn the unit ON.
3. Adjust output volume depending on your needs.
4. Press **◀/▶** button to choose a tone you like.
5. For further tone shaping, please download Pulze Editor via App Store (iOS/iPadOS) or directly download apk file on our official website (Android).

Music Listening via BT

1. Hold the power button to turn the unit ON.
2. Hold  button to turn on BT function. The atmosphere light will breathe once and the display below will show up:



Then BT indicator on the screen will flash to indicate that the unit is waiting for connection:

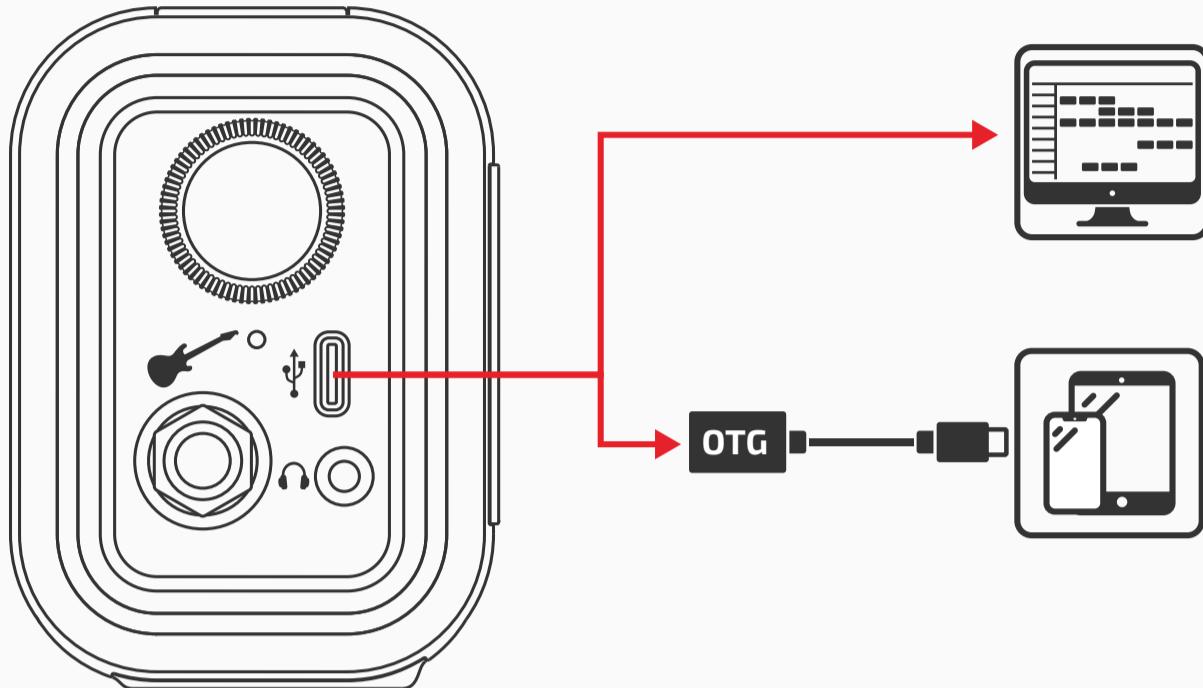


The indicator in the top right corner will flash

3. Turn on the BT switch on your phones/pads, find the device name containing "Pulze Mini Audio" in the device list, then connect.
4. When connected, the unit will play a notification sound, the atmosphere lights will display a steady blue to indicate a successful connection. The BT icon in the upper right corner of the screen will remain lit.
5. Play your favorite music!

Using USB Audio

1. Hold the power button to turn the unit ON.
2. Connect to your PC/Mac/Phones/Pads with the attached USB cable:



Before connecting to PC, please install Hotone USB ASIO driver first;
We recommend to use OTG cable when connecting to phones/pads

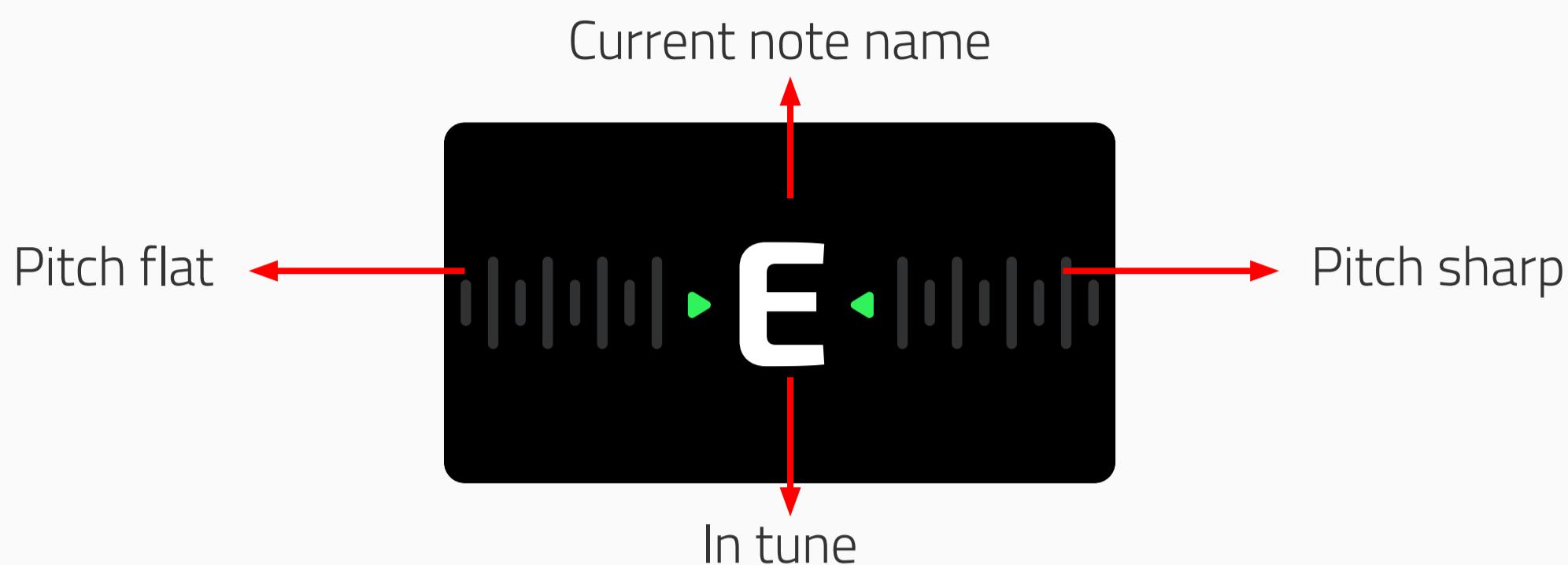
3. When connected to your PC/Mac, your Pulze Mini will be recognized as an audio device named Pulze Mini Audio. Please set it as your main audio device.
4. Play your favorite music!

Please note:

For protecting your hearing, please adjust the output volume knob very carefully. In default settings, the atmosphere light strip will show output meter. So, you can pay attention to the atmosphere light strip prevent signal clipping.

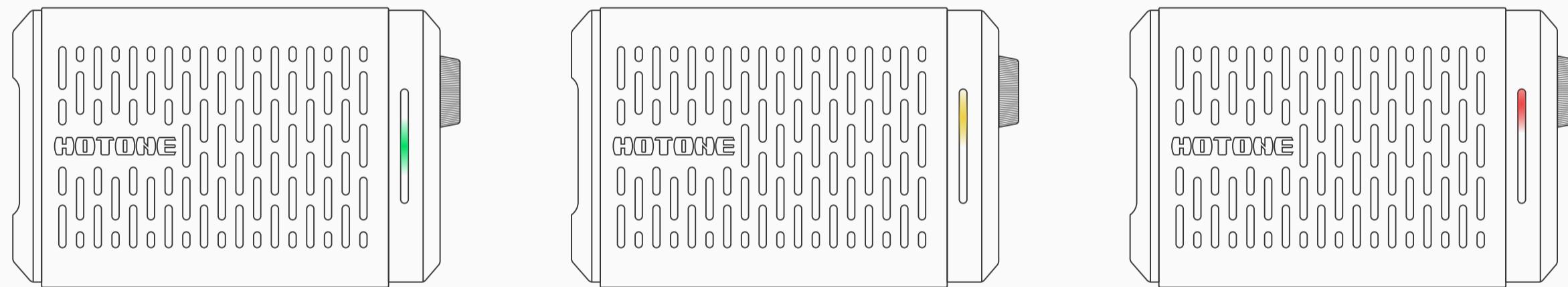
Tuner

Hold volume knob to enter Tuner menu:



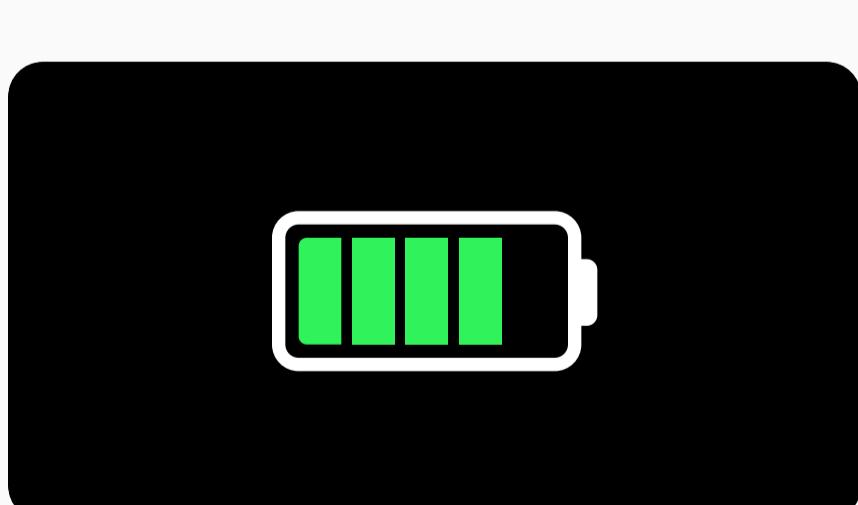
The reference pitch (standard A frequency) is defaulted to 440Hz. You can set the reference pitch via Pulze Editor.

Press volume knob to exit tuner.

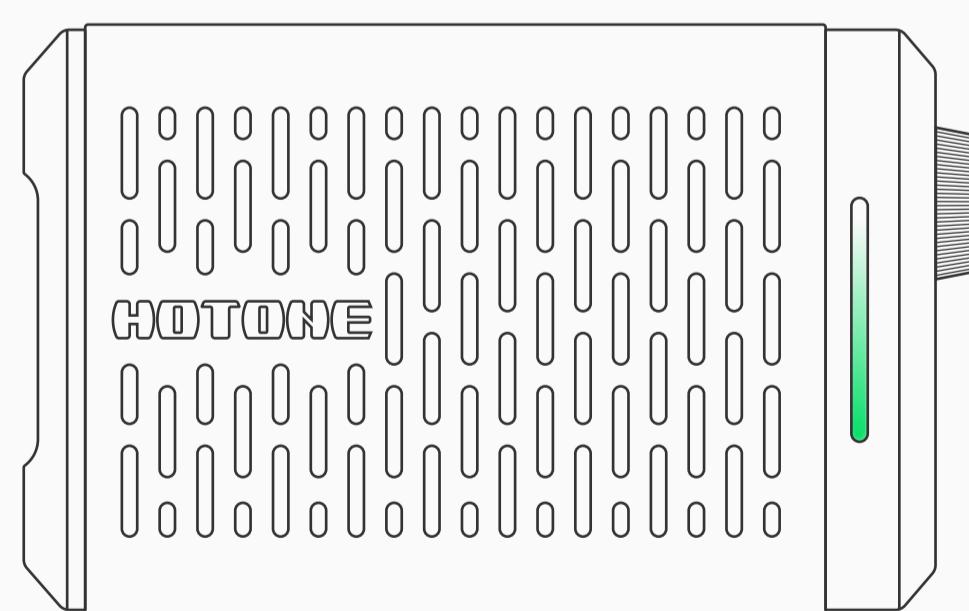


Battery

Press power button to check current battery status:



Screen display



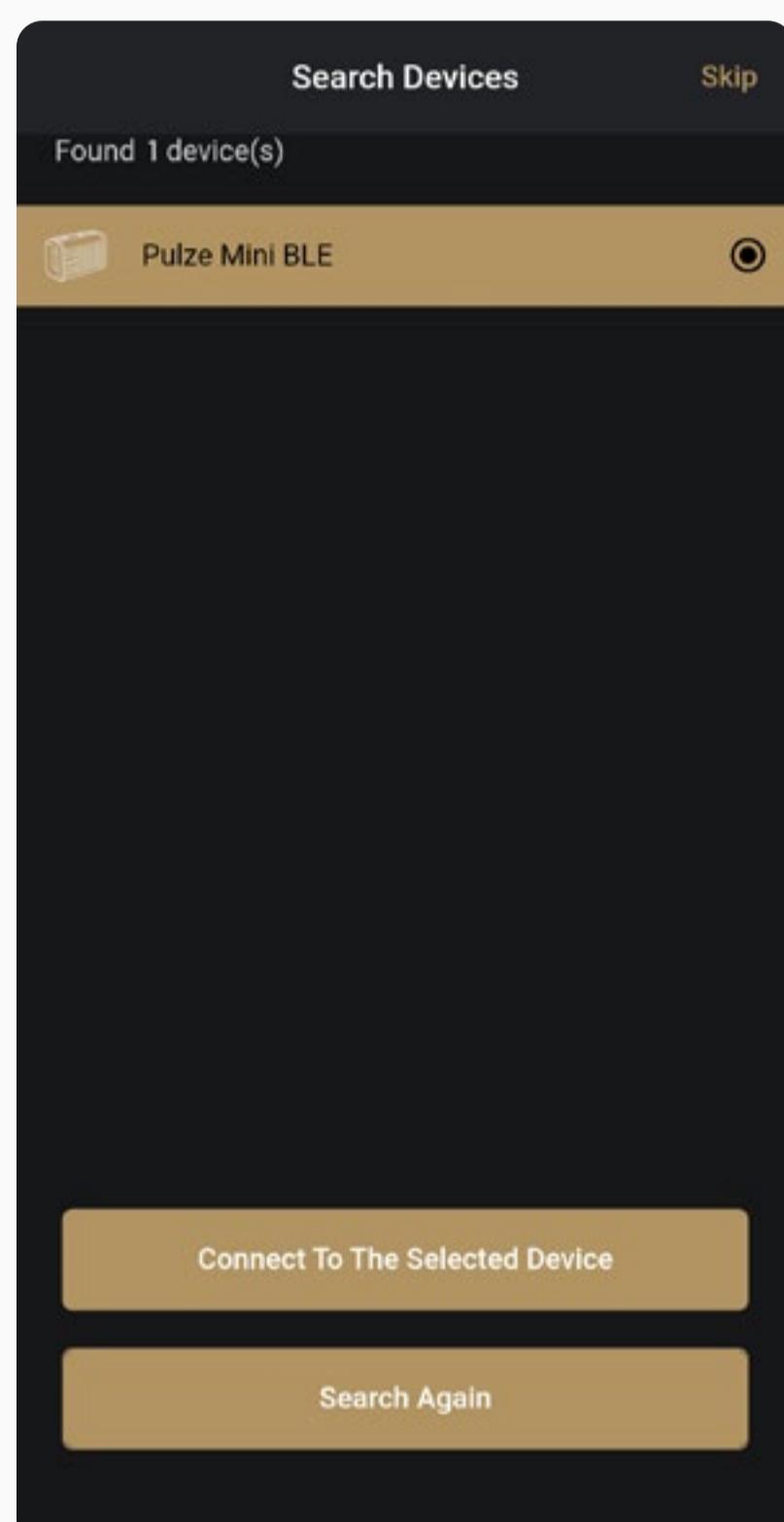
Atmosphere light strip display

Using Pulze Editor

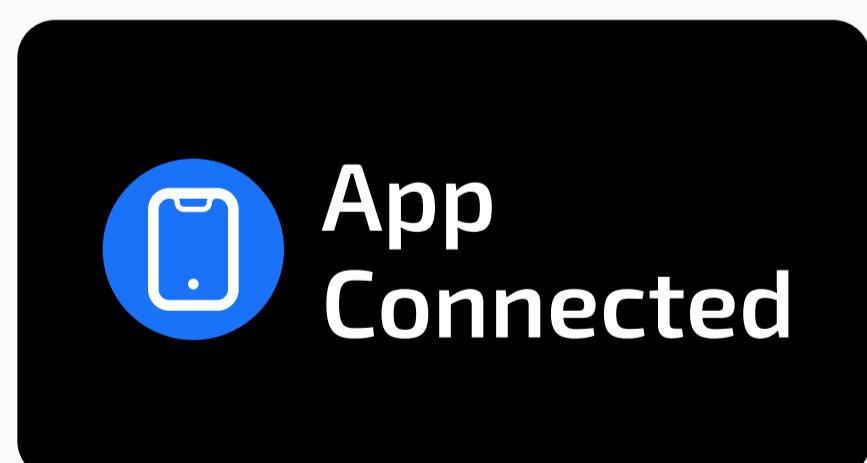
For full access to your Pulze, please download Pulze Editor via hotone.com/support (Android) or App Store (iOS):

Connection

1. Turn on the BT switch on your phones/pads, then turn on your Pulze Mini's BT function and launch the Pulze Editor app.
2. Login your account (optional).
3. On first use, Pulze editor will ask BT access permission (for some Android device, location permission will also be asked). When such permission requests popped up, please tap "Allow".
4. When your Pulze Mini appears listed on the startup page (the app will automatically scan all nearby devices), select and tap the "Connect to The Selected Device" button on the screen.



Then the screen will display as shown below:



Please note:

You can enter offline mode if no device is found.

You can only connect to one device at a time. To connect to other devices, please disconnect current connection.

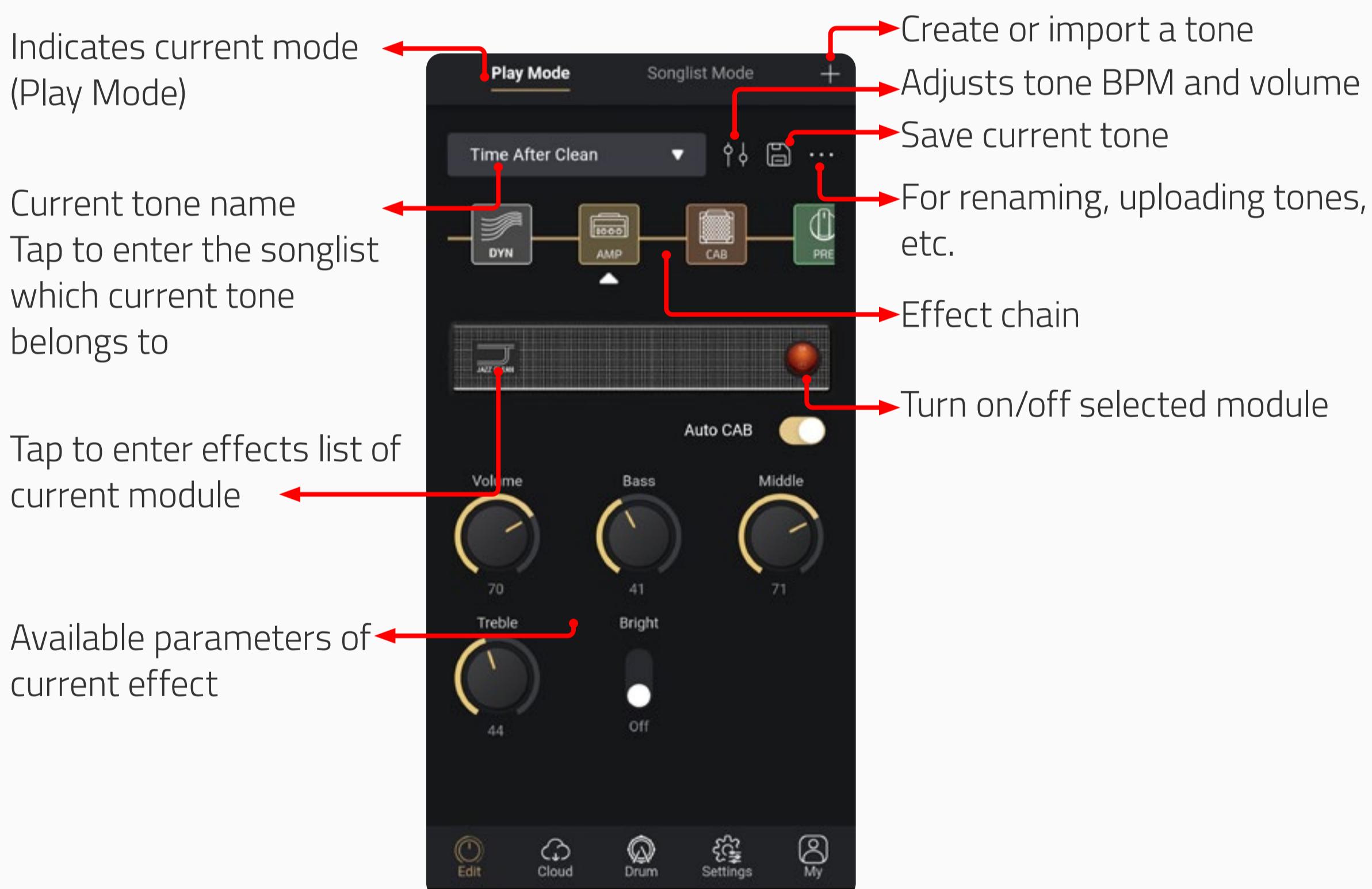
The default device name is Pulze Mini BLE. You can customize your device name if needed.

If search failed (no device found or timeout), you can retry searching by manually tap “Search Again” button, or restart BT on your mobile device.

Please keep your Pulze Mini close to your phones/pads for best possible experience.

Advanced Tone Shaping (In Play Mode)

Pulze Editor app will enter Play Mode when connected:



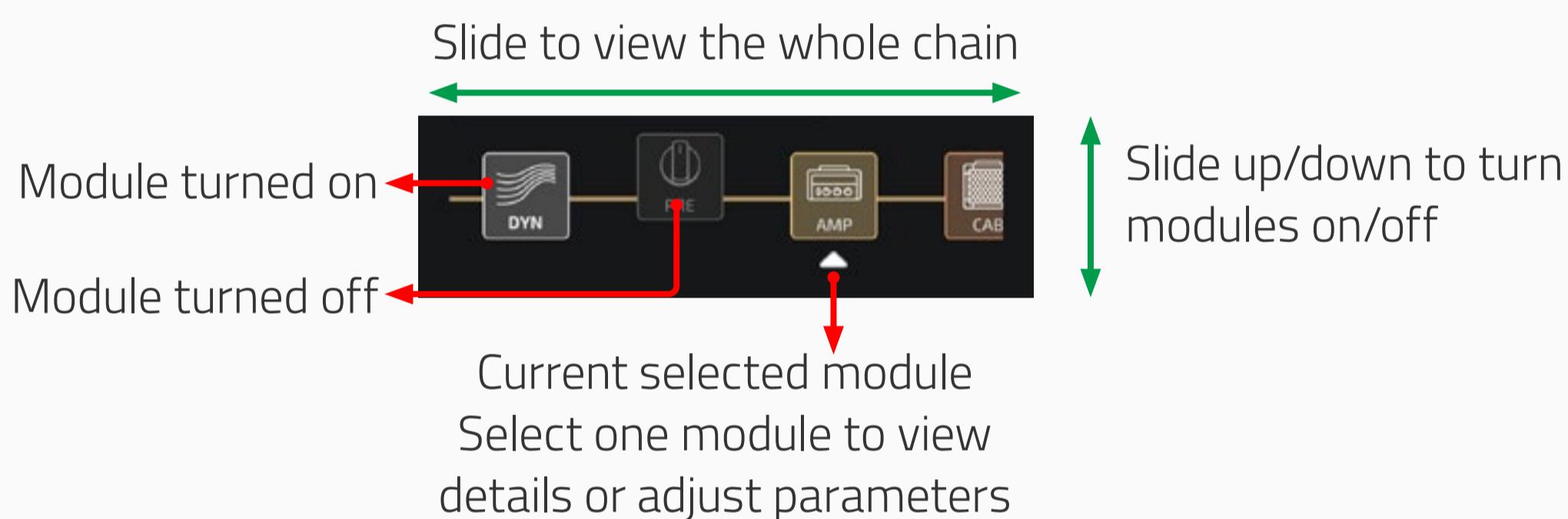
Effects Chain

The effects chain of Pulze Mini represents the inter signal flow, effect combination, etc.

The 7 effect units on the effects chain is called modules. You can pick the effects you need in the modules as listed below:

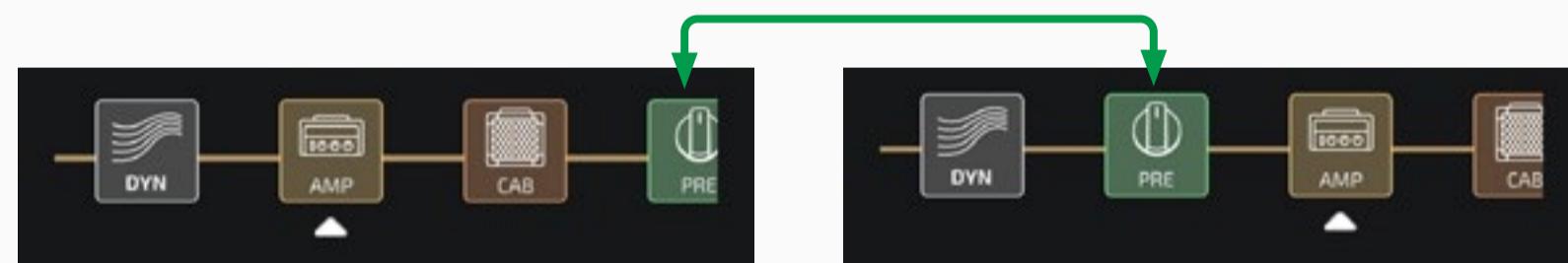
- DYN: Dynamic effects (e.g. noise gates, boosts)
- PRE: Pre-amplifier effects (e.g. compressors, boosts, mods, filters, octaves)
- AMP: Amp modeling effects
- CAB: Cabinet simulations and IRs
- EQ/MOD: Equalizers and modulation effects
- FX1/FX2: Custom effect modules including mods, delays, reverbs and more

Effects chain operations are shown as below:



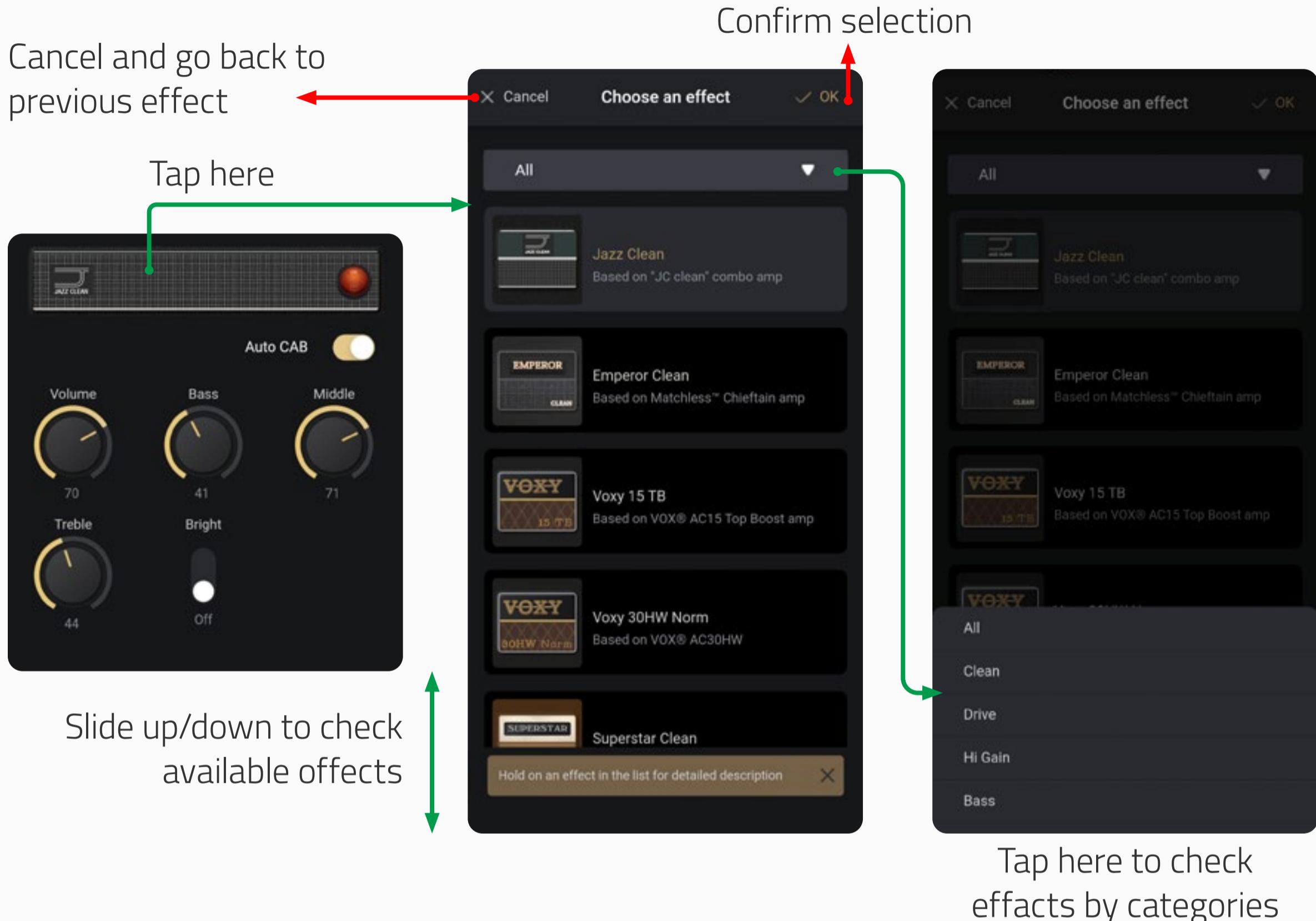
To swap module order, hold on one module and slide to desired position:

Hold target module and slide to the desired position



Change Effects

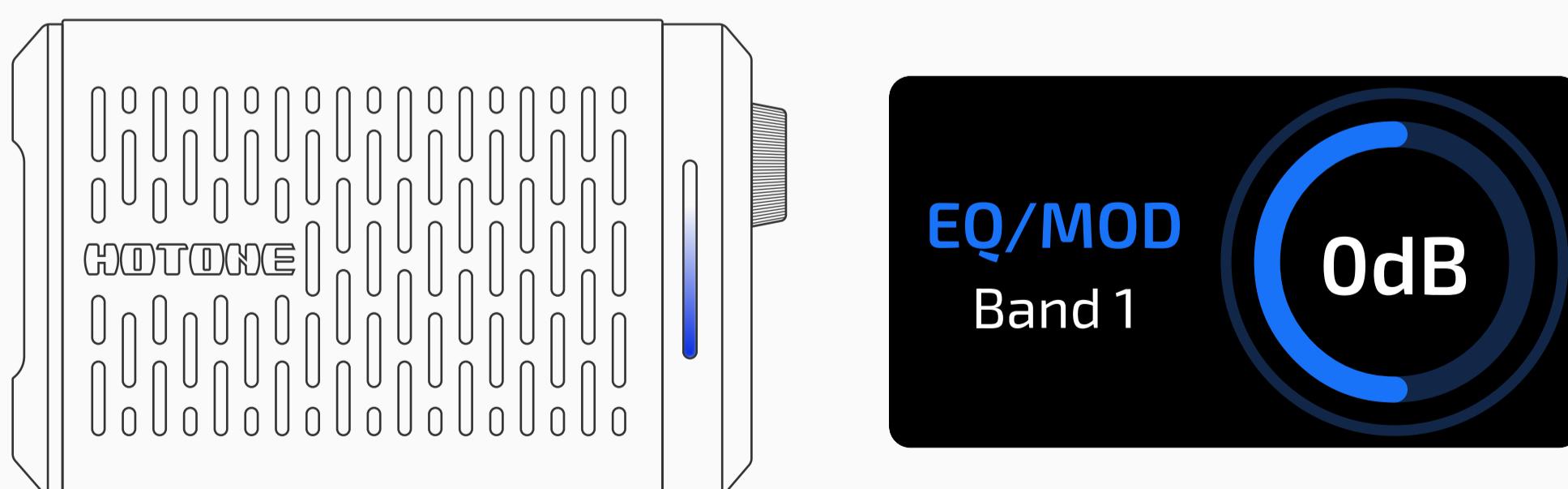
To change effects, please follow the operations below:



Adjust Parameters And Effect Descriptions

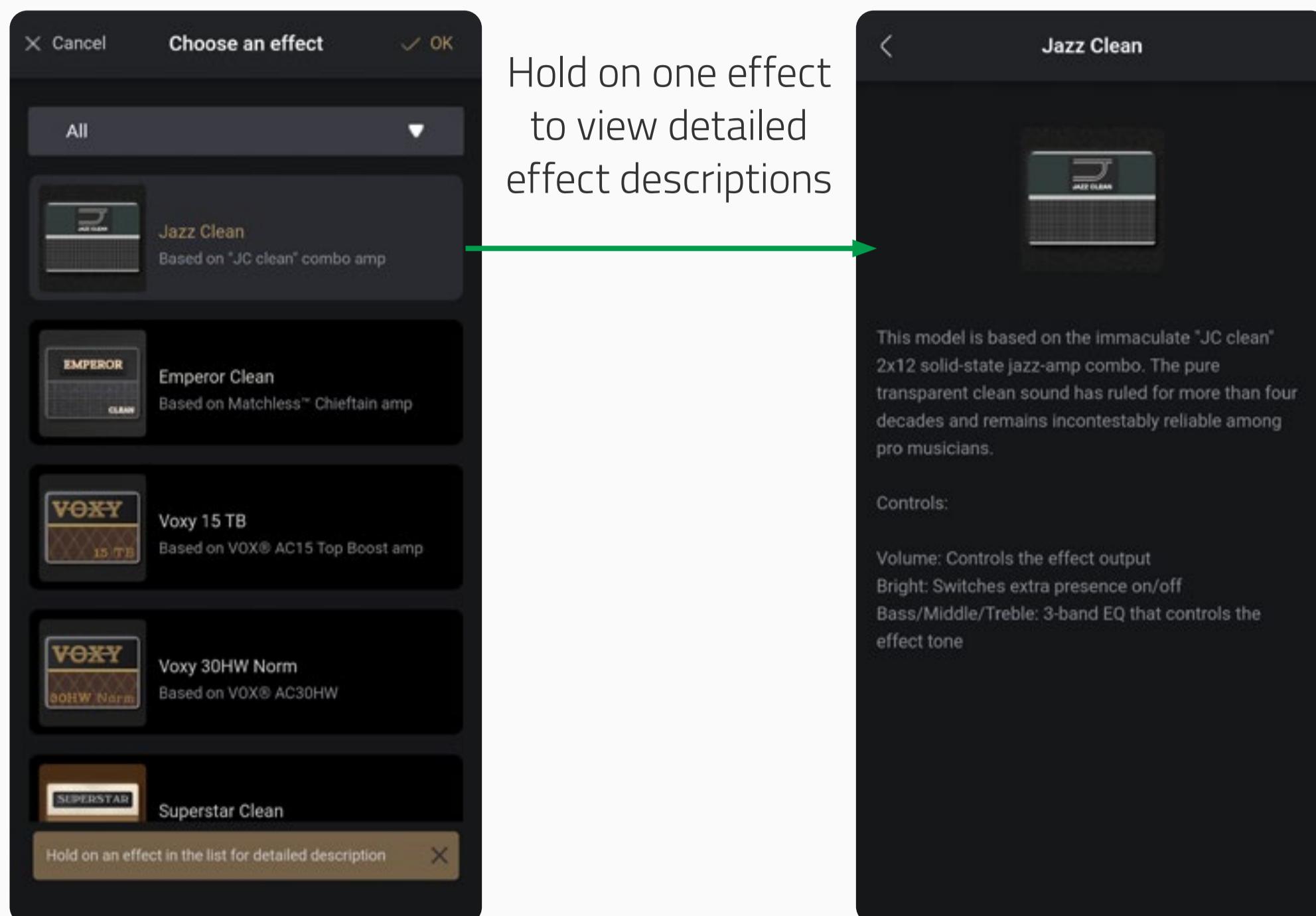
You can slide on one effect parameter to adjust, hold to enter a parameter value. If one effect features more than 6 parameters, you can slide on the blank area of listed parameters to check them.

When adjusting parameters, the atmosphere light strip and screen will display depending on your operations:



e.g. Adjusting the Band 1 parameter of EQ/MOD

Hold on one effect in the effect list to view detailed descriptions:



Here are some descriptions of some special switches/functions:

- Auto CAB (AMP module only)

The Auto CAB function will automatically help you match a cab when switching amps. Default is set to on. If you want to try different amp/cab combinations or using user IRs, please turn the switch off.

- Sync and Tap button



The function of Time/Div parameter varies depending on Sync switch:

Sync On: Controls tap tempo division value

Sync Off: Controls actual delay time (ms)

Turning on Sync switch means, the time-based parameters (like delay time,

mod speed) will sync to the tap tempo value by some certain rates (tap tempo divisions). Sync function is defaulted to on.

The parameter names affected by Sync function (comes with a /Div suffix) means:

- Sync on: the parameter controls tap division value
- Sync off: controls actual parameter values in ms (delay time), Hz (mod rate), etc.

In most cases, default tap divide is set to quarter note (1/4, no divide).

Tap divide values in relation to their musical beats are shown below:

Time Value	Beats	Display
Whole note	4	1/1
Half note	2	1/2
Dotted half note	3	1/2D
Half note triplet	4/3	1/2T
Quarter note (no divide)	1/1	1/4
Dotted quarter note	3/2	1/4D
Quarter note triplet	2/3	1/4T
Eighth note	1/2	1/8
Dotted eighth note	3/4	1/8D
Eighth note triplet	1/3	1/8T
Sixteenth note	1/4	1/16

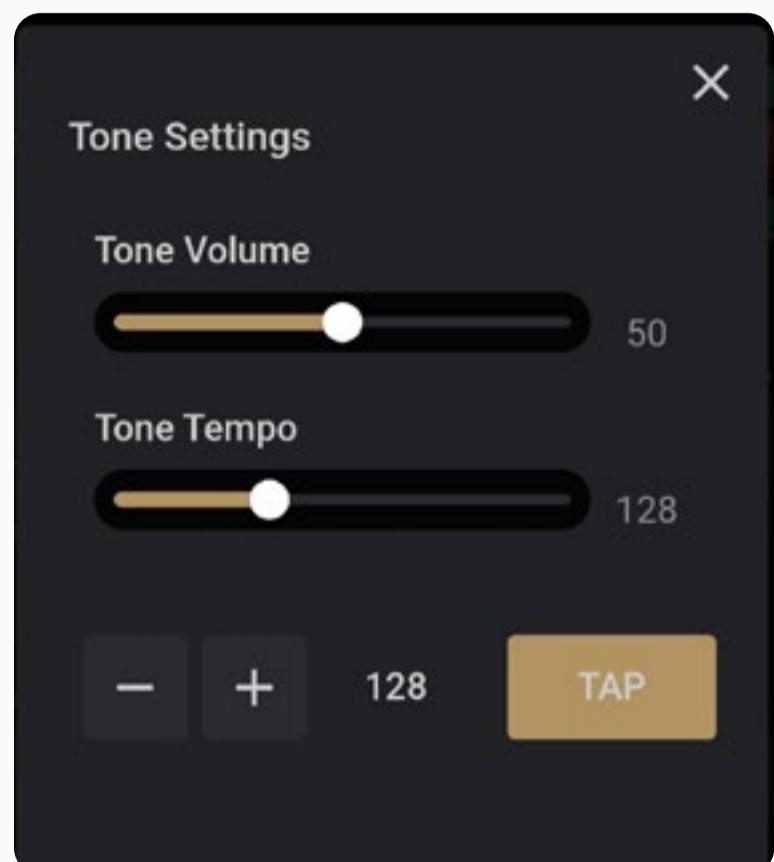
If you don't want specified division value, just keep it as 1/4.

Tone Volume and Tempo

You can set tone volume to increase/decrease current tone output.

If you're using Sync function (see [Sync and Tap button](#) section), you can adjust tone tempo to control time-based parameter value.

Tap  icon and operate in the pop-up menu:



Slide to adjust – hold to enter a value

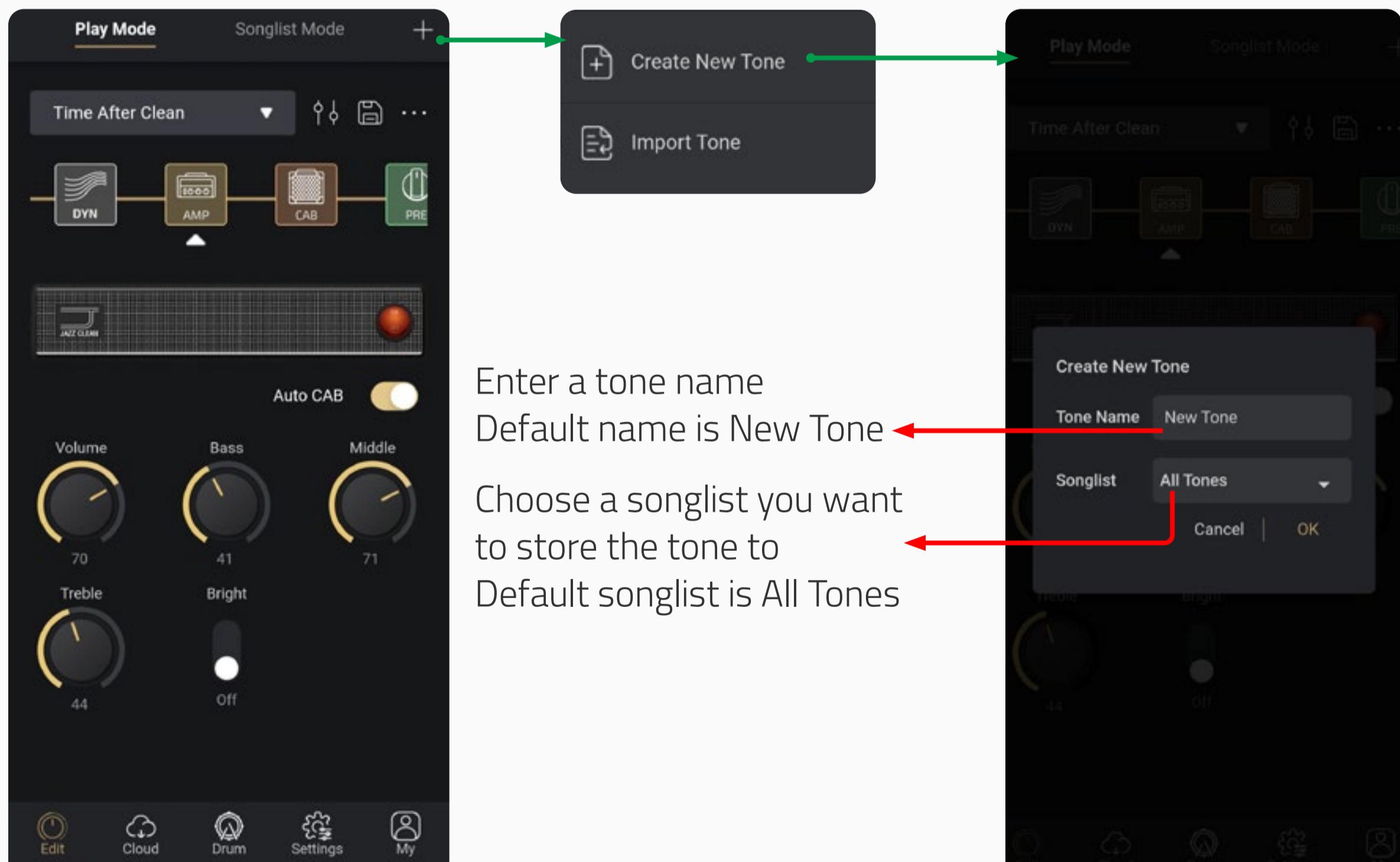
Volume range=0-100, Tempo range=40-300BPM

Use +/- and TAP buttons to fine tune tone tempo

Create A New Tone

You can start with an empty tone by creating a new tone.

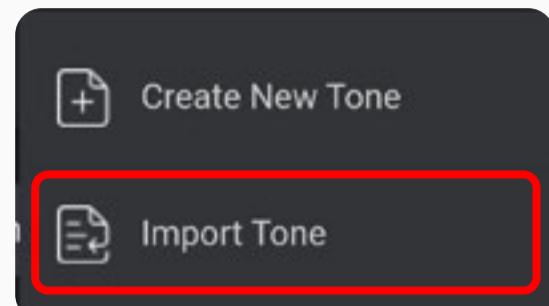
Tap  icon and choose "Create New Tone":



Import

Use Import function to import the tone files stored on your phones/pads.

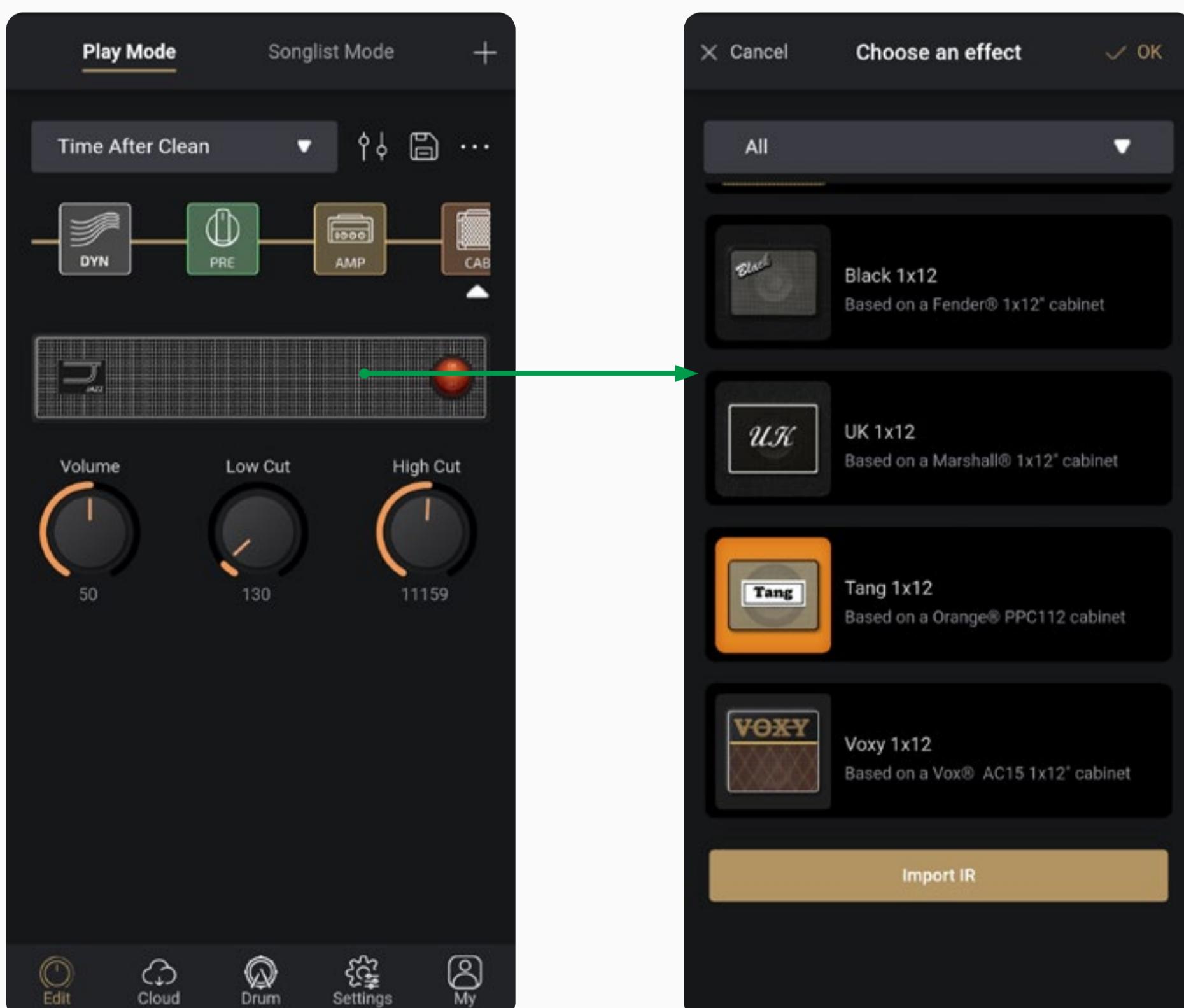
Tap **+** icon and choose "Import":



Then Pulze Editor will launch your file manager on your phones/pads, just choose the files you need (with .prst suffix) and import. The app will notice you if the files are not compatible with Pulze Mini.

Newly imported tones will be added to the end of All Tones songlist in alphabetical order.

Import IR



You can import custom IR files to achieve a more refined tone if needed.

Choose CAB module, enter effects list, then press "Import IR" button.

Then Pulze Editor will launch your file manager on your phones/pads, just choose the IR files you need (should be a .wav file) and import. The app will automatically convert the file format.

If the files are not compatible with Pulze Mini, the app will notice you.

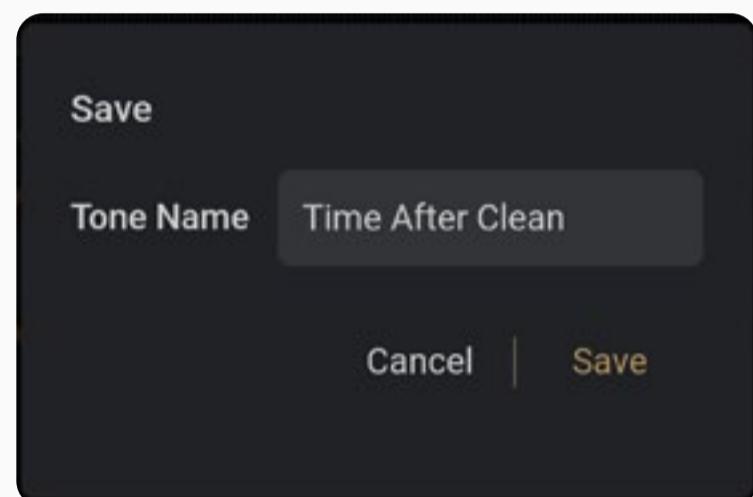
Newly imported IRs will be added to the end of the CAB list (User IR 1-20 slots).

The unit supports importing 20 IR files.

Save

It is very important to save the changes you made to your tone!

Tap  icon and the save menu will appear:

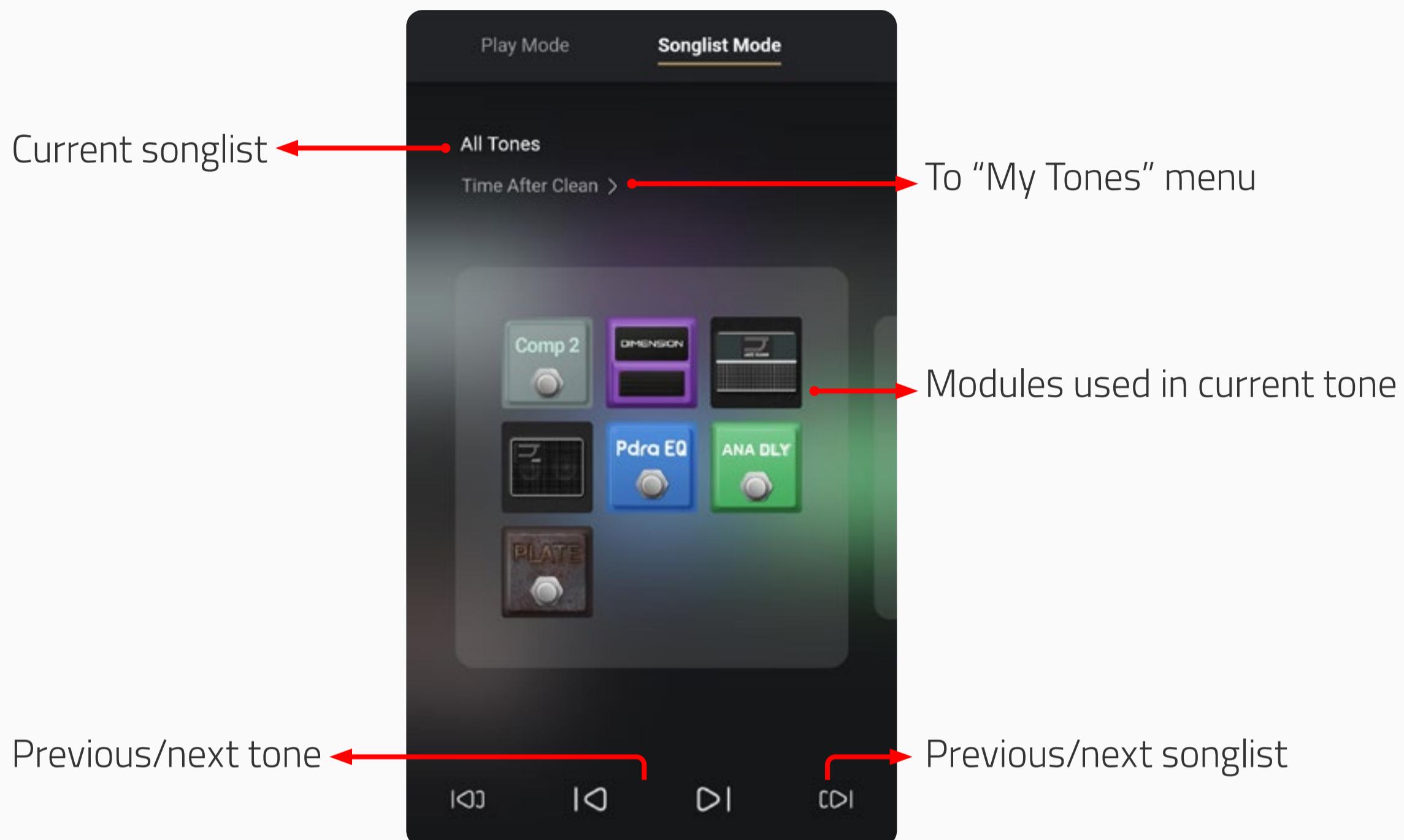


Supports upper/lower case letters, spaces, numbers, ASCII symbols

Advanced Songlist Functions (Songlist Mode)

You can gather any tone you like to make a songlist. Pulze Mini supports up to 40 songlists, each songlist can hold up to 50 tones. A tone can be stored to different songlists.

Tap “Songlist Mode” to enter songlist menu:

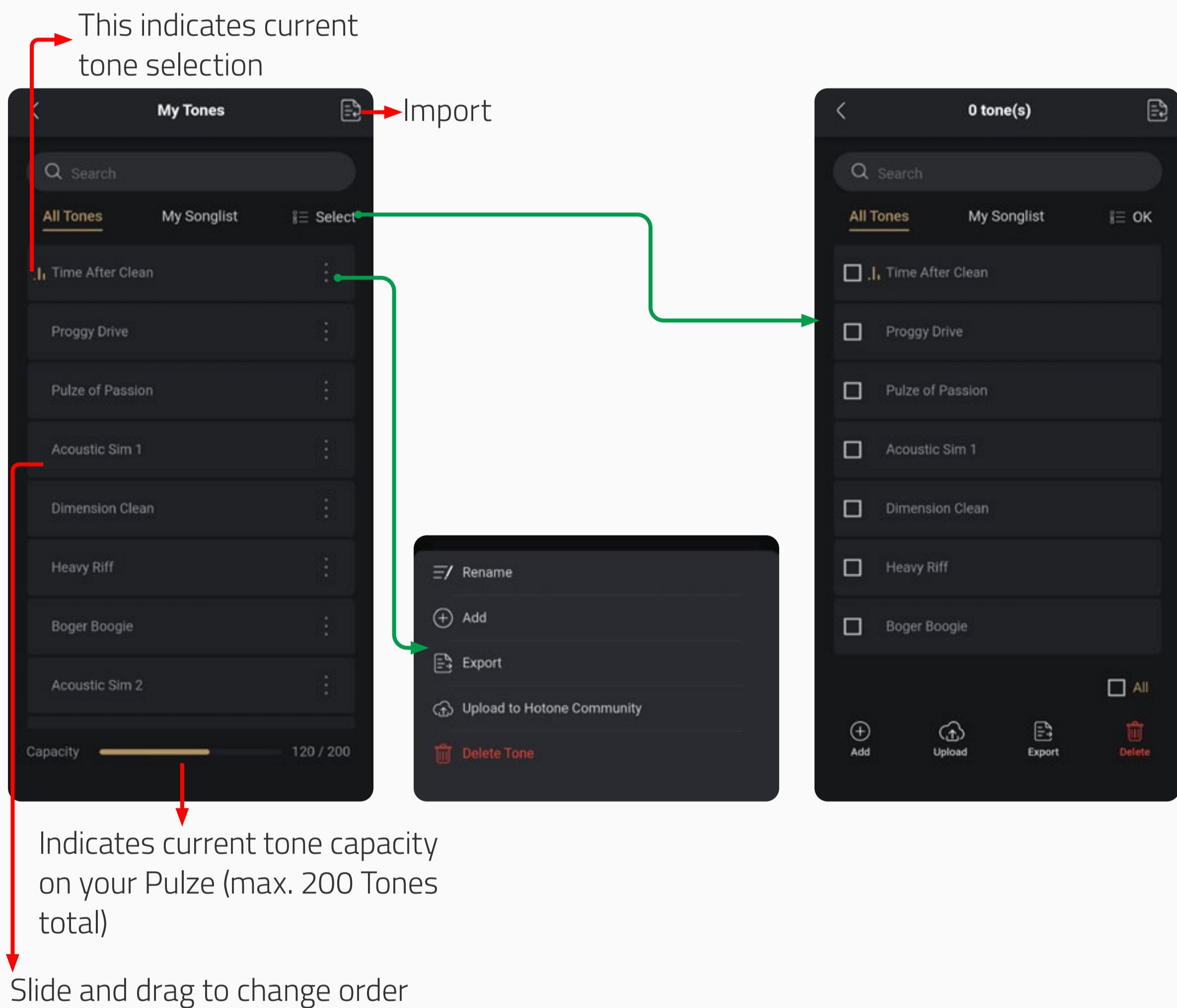


My Tones

In My Tones menu you can manage all your tones and songlists stored in your Pulze Mini.

All Tones

Same as All Tones songlist which can be selected on your Pulze Mini, this menu allows you to access and manage all tones in your Pulze Mini:

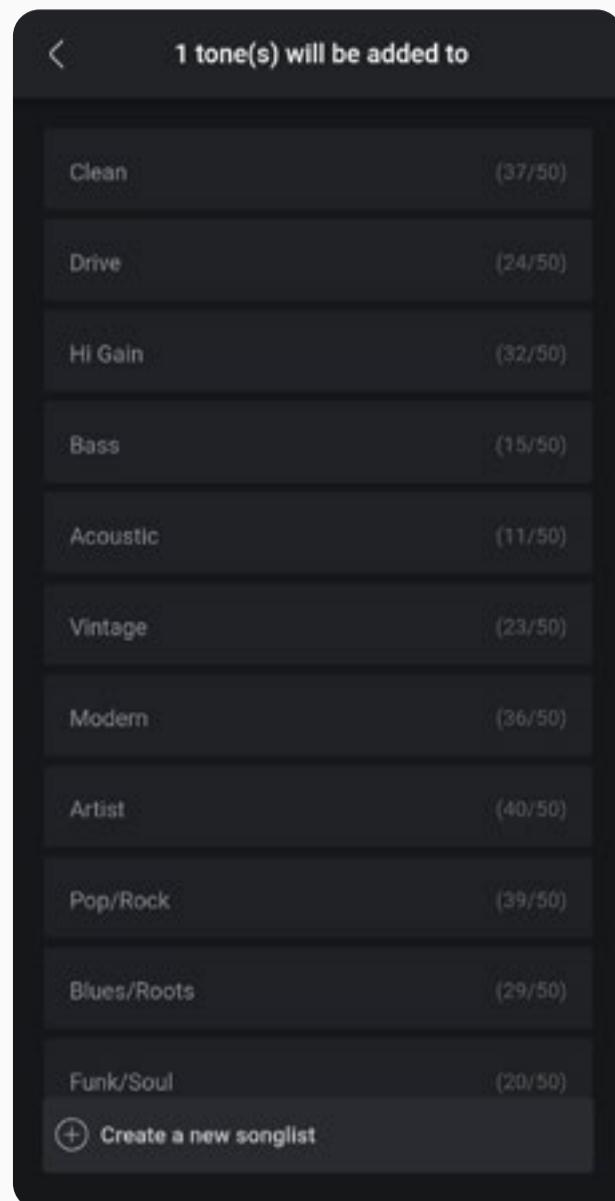


- Rename

Tap icon on one tone and choose "Rename", then enter a new name in popped out menu.

- Add

Tap  icon on one tone and choose “Add”, then choose a songlist in the following menu:



You can also create a new songlist and add the tone to it if needed.

- Import

Tap  icon on top right corner to import.

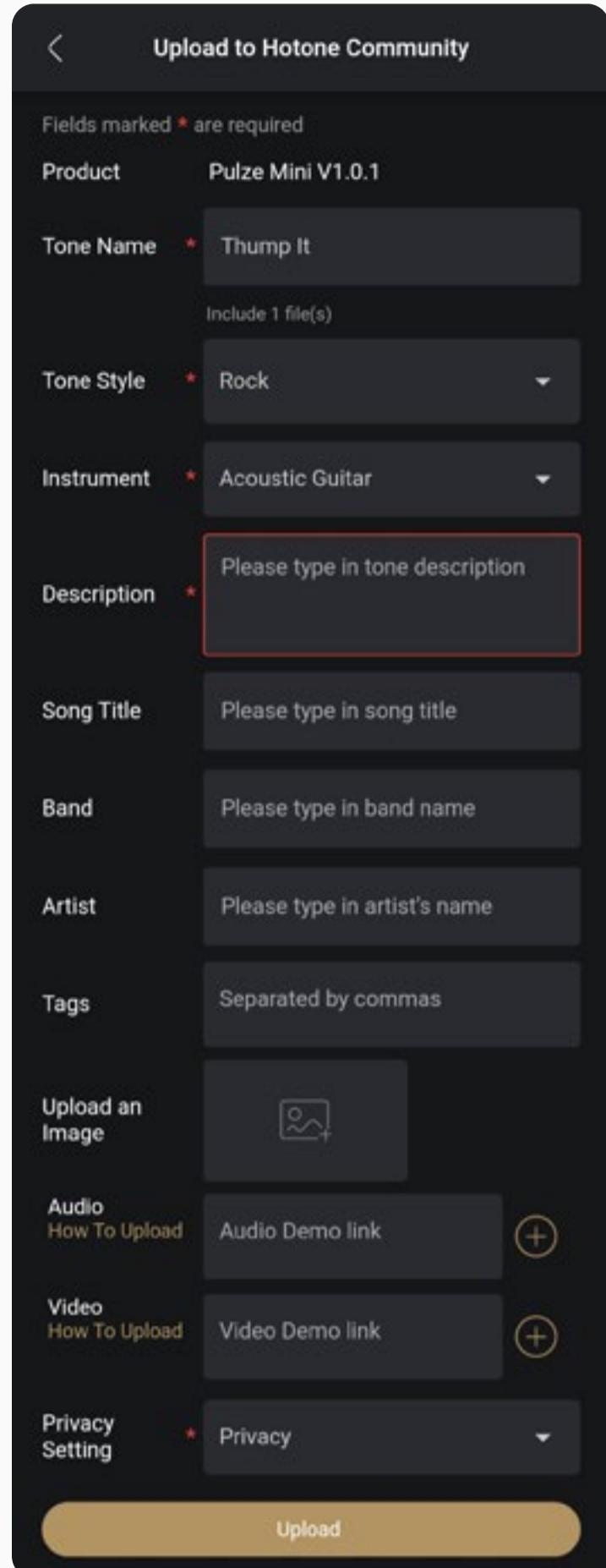
- Export

Tap  icon on one tone and choose “Export”. Pulze Editor will launch your file manager on your phones/pads. Choose a file location you need, and the tone will be exported as a file with .prst suffix.

For iOS users, when exporting, the file should be exported to Files/My iPhone/Pulze Editor/.

- Upload

Tap  icon on one tone and choose “Upload to Hotone Community”. You need to register and log in to use upload function.



Enter the messages depending on your needs following the instructions above; The items with * are required

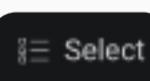
For private data backup, you can set “Privacy Setting” to “Privacy”; In this case the tone you uploaded will be only visible by yourself

You can download uploaded tones in Cloud menu (see [Uploaded](#) section)

- Delete

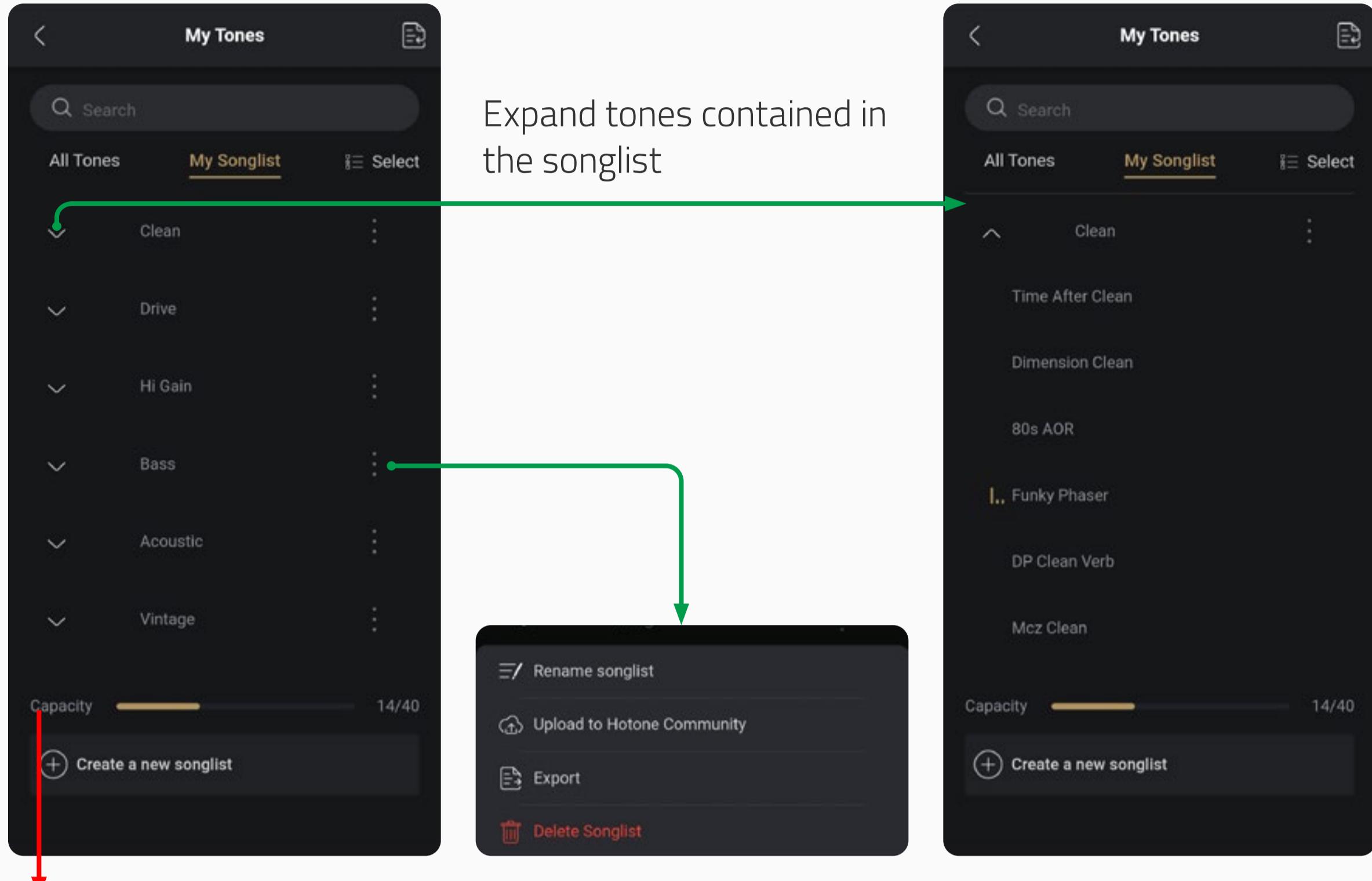
Tap  icon on one tone and choose “Delete”.

- Batch

Tap  button to select multiple tones for batch export, upload, delete, etc. with same operations above.

My Songlist

In "My Songlist" menu you can view and manage all songlists on your Pulze Mini:



Indicates current songlist capacity on your Pulze Mini (max. 40 songlists total)

- **Sort**

Drag and drop one songlist to change its order.

- **Upload**

Tap  icon on one songlist and choose "Upload to Hotone Community". In this case, all tones in the selected songlist will be uploaded to Hotone community. Same as uploading tones, this requires a Hotone account.

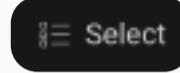
- **Export**

Tap  icon on one songlist and choose "Export". In this case, all tones in the songlist will be exported. Same as exporting one tone (see [Export](#) section), the file should be exported to Files/My iPhone/Pulze Editor/.

- Delete

Tap  icon on one songlist and choose "Delete". This deletes the songlist only; tones contained in the songlist are not affected.

- Batch

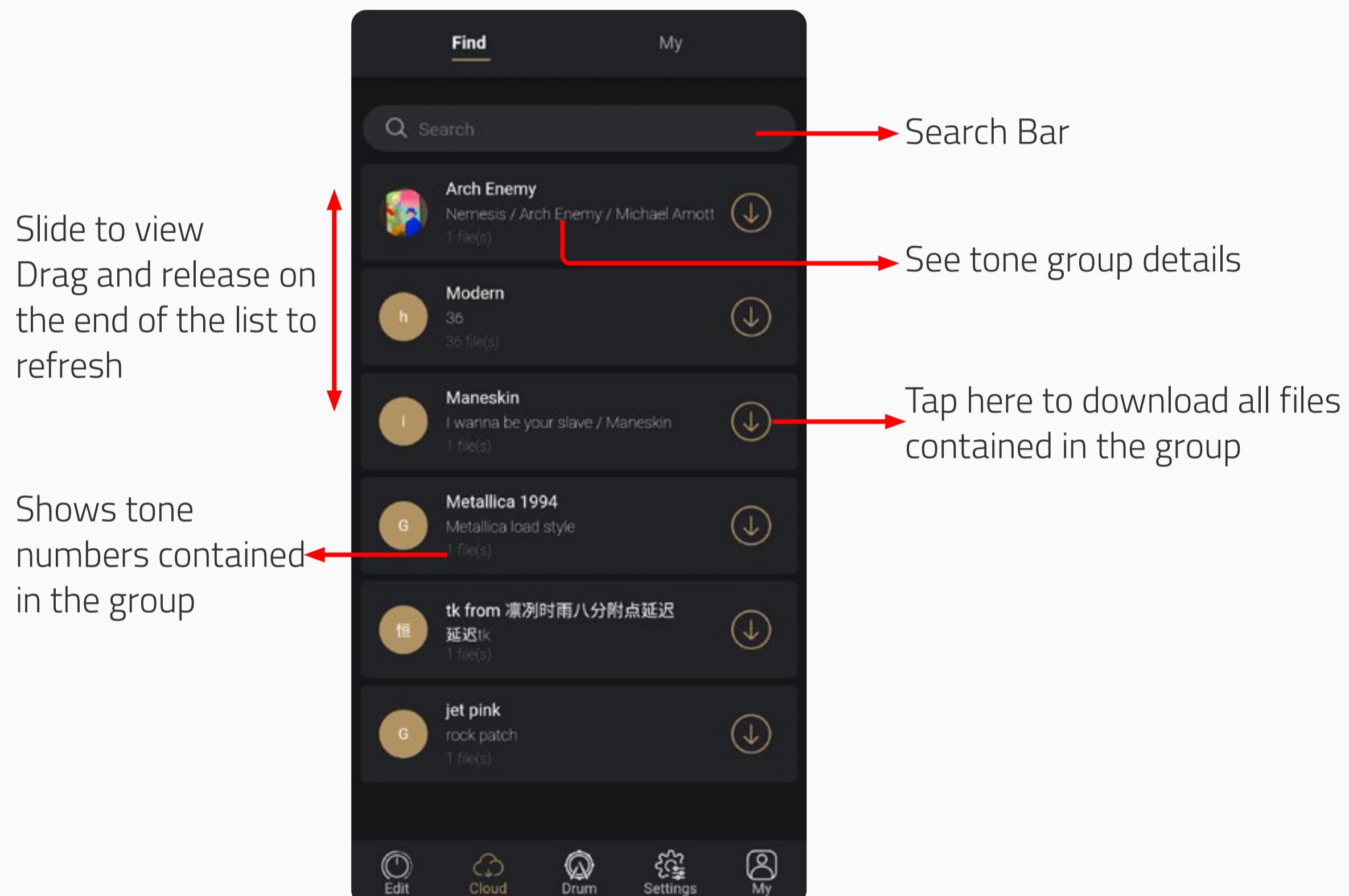
Tap  button to select multiple songlists for batch export, upload, delete, etc. with same operations above.

Using Hotone Community

Tap "Cloud" tab to enter Cloud menu. In this menu you can view and download tones compatible for Pulze Mini in Hotone Community. You can also manage the tones you uploaded.

Find

Here lists all available Pulze Mini tones in Hotone community for you to check detailed descriptions or download:

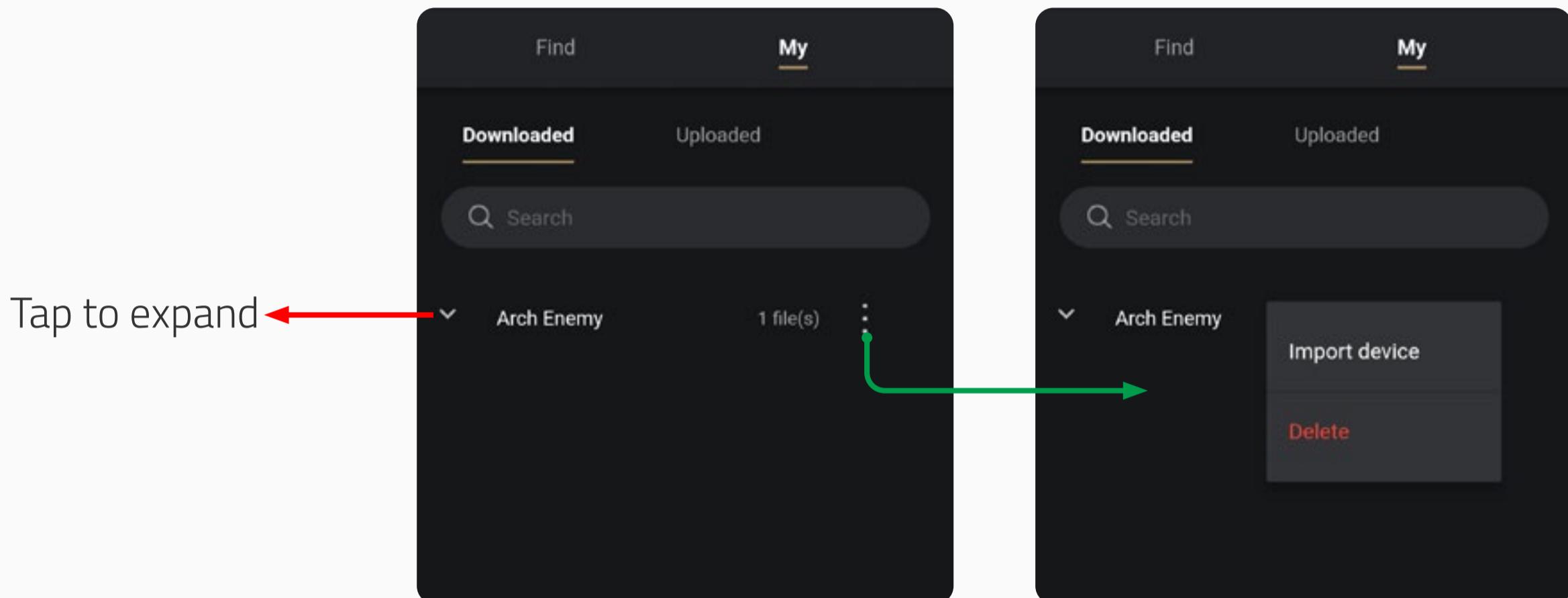


My

This menu lists the tones you downloaded/uploaded.

Downloaded

You can manage the tones you downloaded from Hotone community:



- Import device

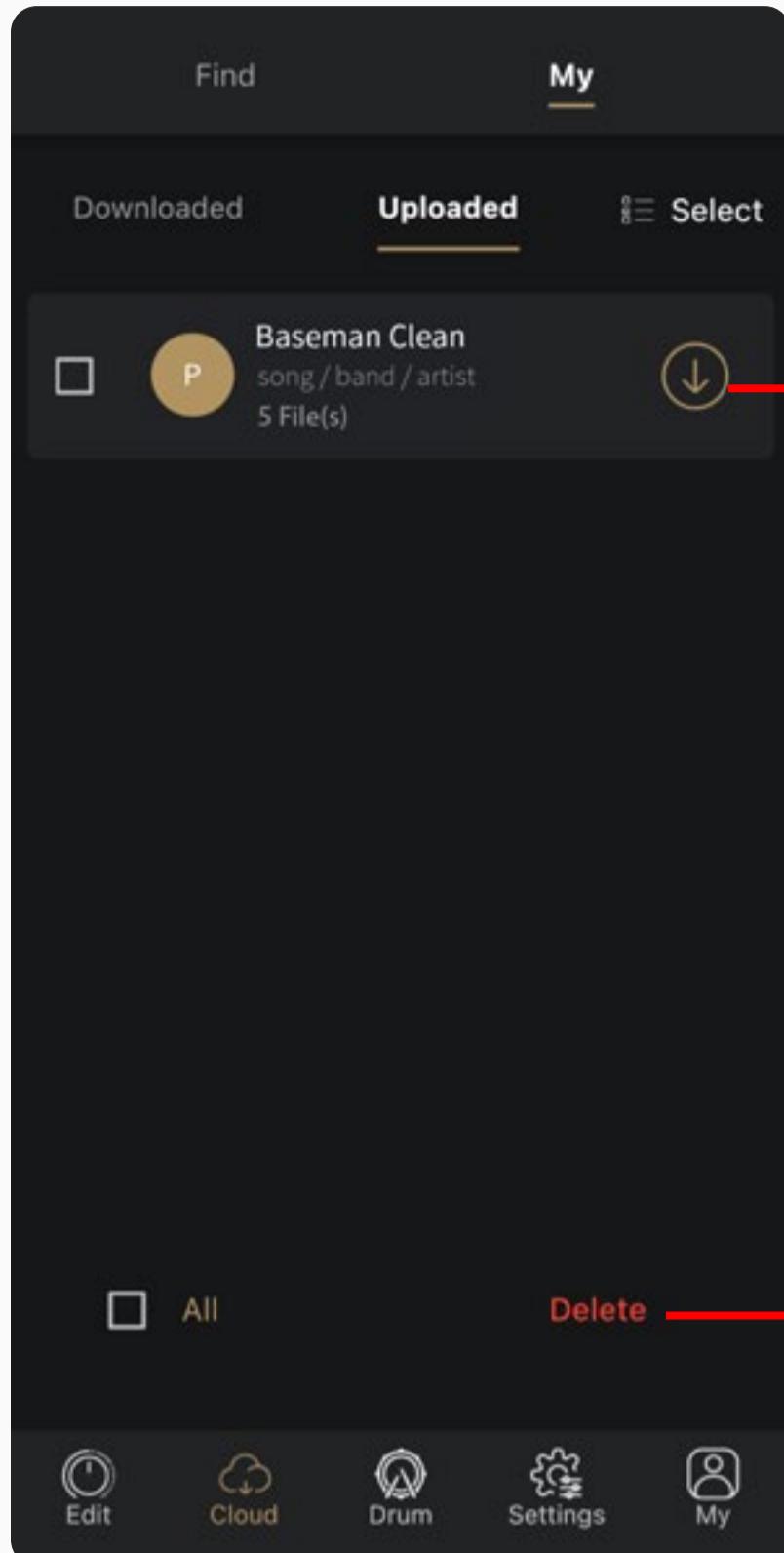
Tap  button on a tone group or a tone (in an expanded group), and choose "Import device" to import selected tones to your Pulze Mini.

- Delete

Tap  button on a tone group or a tone (in an expanded group), and choose "Delete" to delete selected tones to your Pulze Mini.

Uploaded

You can manage the tones you uploaded to Hotone community:

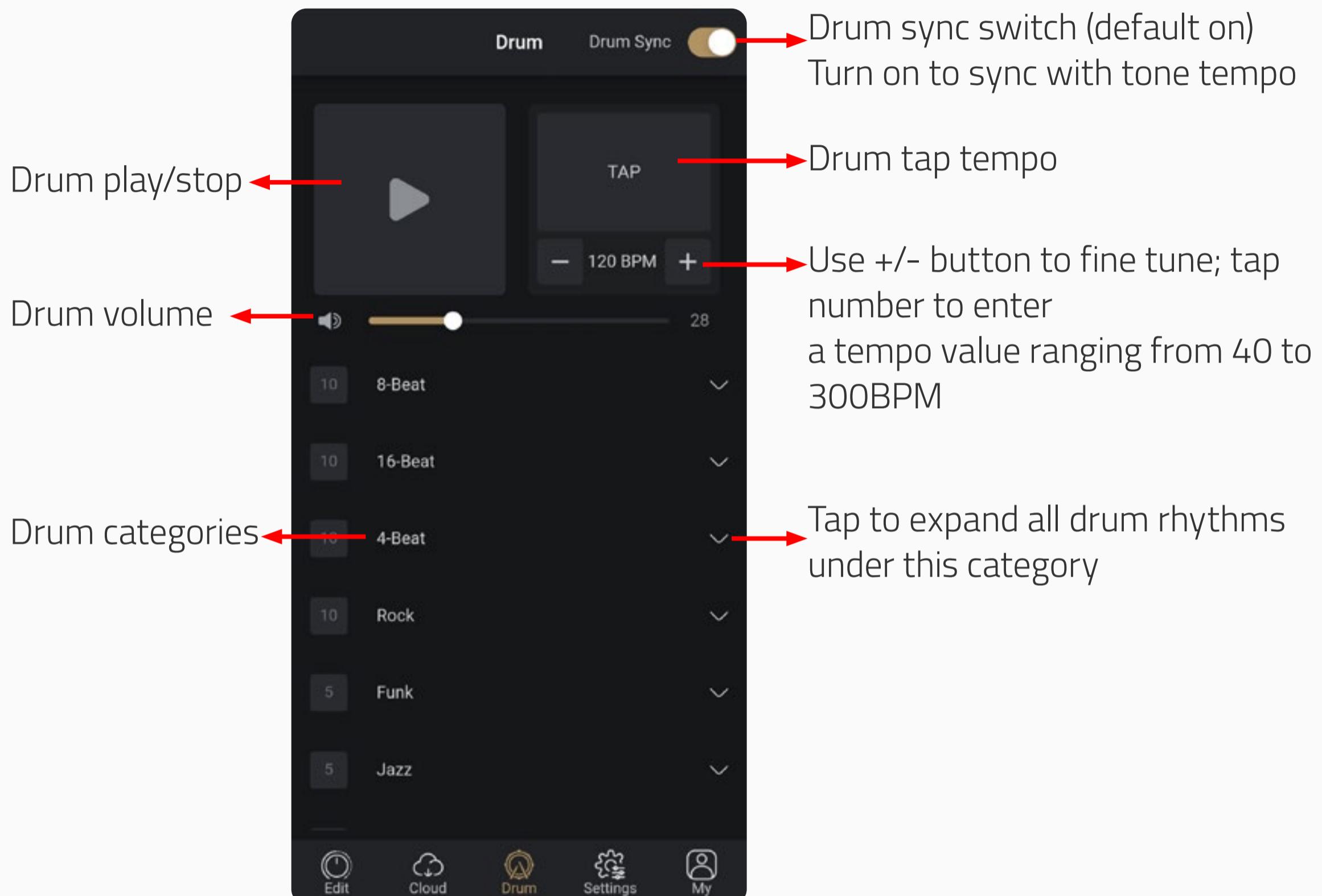


Tap to download the selected tone (group) to your app; Tap “Downloaded” tab to check

Tap to delete selected tone group in Hotone Community

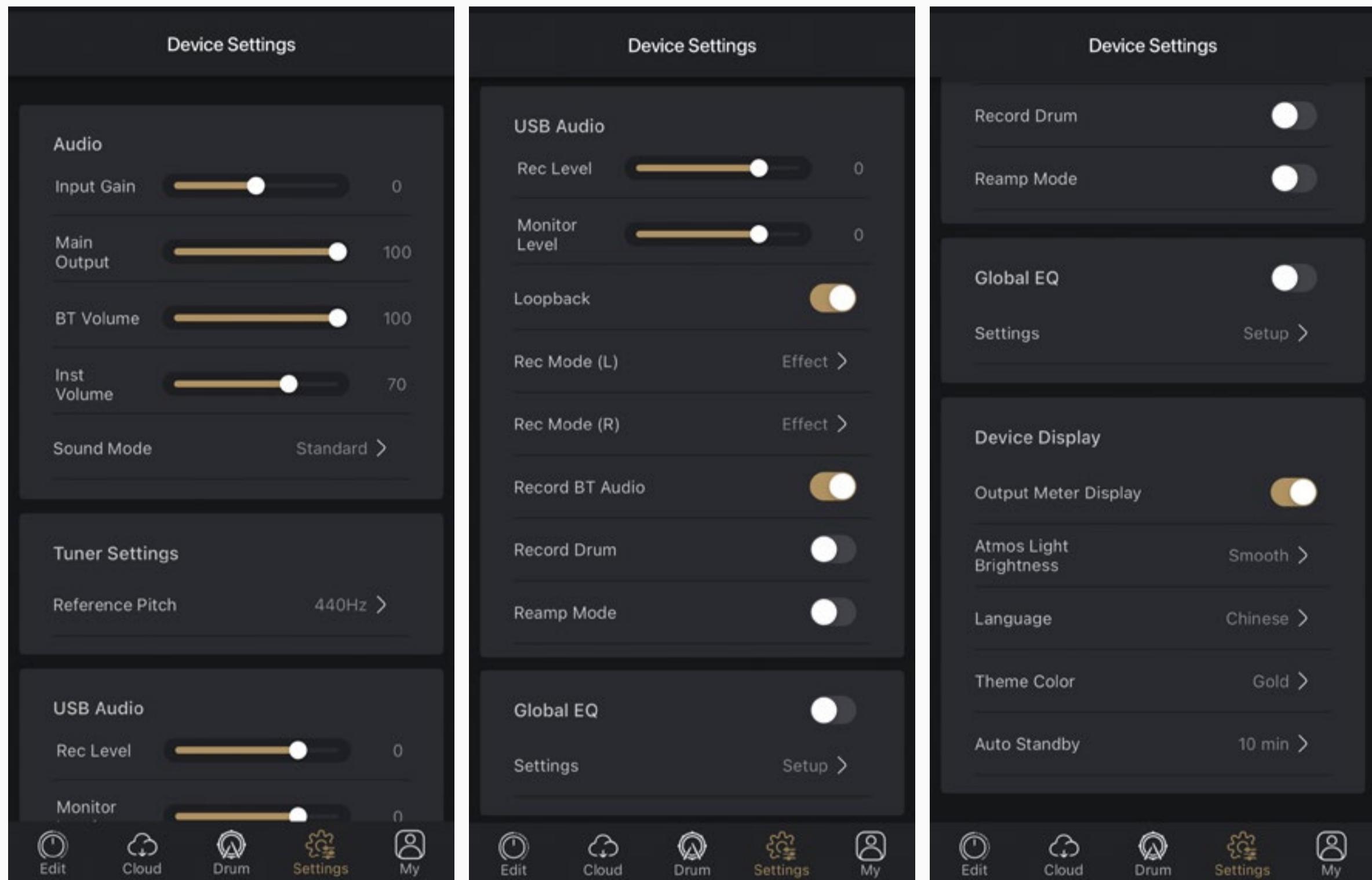
Using Drum on Pulze Editor

Tap "Drum" tab to enter Drum menu, then follow the instructions below:



Settings

Tap "Settings" tab to enter Settings menu:



Audio

- **Input Gain:** Sets input gain from -20dB to 20dB depending on your instrument. Default is set to 0dB (unity gain).
- **Master Volume:** Sets overall output volume from 0-100. Default is set to 100.
- **Inst Volume:** Sets instrument output volume from 0-100. Default is set to 70.
- **BT Audio Volume:** Sets Bluetooth audio output volume from 0-100. Default is set to 100.
- **Sound Mode:** Selects from different EQ modes for music playback only. Default is set to Standard.

Tuner Settings

- **Reference Pitch:** Sets standard A (A4) pitch calibration from 415Hz-475Hz. Default is 440Hz.

USB Audio

- **Record Level:** Adjusts USB audio record level from Mute~-60dB~+20dB. Default is 0dB.
- **Monitor Level:** Adjusts USB audio monitor level from Mute~-60dB~+20dB. Default is 0dB.
- **Loopback:** Turn on to reroute your USB audio output to USB audio input for podcasting/streaming. Default is off.
- **Rec Mode:** Selects USB recording input sources from dry signal (Dry) and wet signal (Effect) on USB input L/R channels. Default are all set to Effect.
- **Record BT Audio/Drum:** Selects whether to record audio signal from BT/built-in drum machine. Default are all set to on.
- **Reamp:** Turn on to send USB audio output 1/2 to effects chain for reamping. This will bypass the input jack of your unit. Default is off.

How To Reamp

1. Get dry instruments tracks: You can find and download tracks on your own, or set Rec Mode switch on your Pulze Mini to Dry to record some tracks.
2. Turn on Reamp switch.
3. Launch a DAW and create two audio tracks. Set track 1's input to None, output to USB Audio Output 1/2; set track 2's input to USB Audio Input 1/2, output to USB Audio Output 1/2. Then keep monitor switches off on both tracks. If you only need to record AMP+CAB modules, keep track 2's input to USB Audio Input 1.
4. Still in DAW, set only track 2 can be recorded, and import a dry track (Audio Clip A) to track 1.
5. In DAW, start playback and loop the dry track in track 1, you'll hear the Audio

Clip A with effects (depending on effects chain settings).

6. Adjust effects parameters depending on your needs.
7. Turn off looping switch in DAW. Record on track 2 with track 1 playing simultaneously. Then you get a wet track (Audio Clip B) as you've heard in step 5 and 6.
8. Turn off Reamp switch and check whether Audio Clip B is OK.
9. Repeat the steps above to get different reamped tracks.

Please note:

For tone creation, you only need to execute steps 1 to 6.

If needed, connect a pair of headphones to phones jack in step 4.

To avoid possible abnormal computer audio monitoring/playback issues, PLEASE REMEMBER TO TURN REAMP SWITCH OFF WHEN REAMP FINISHED.

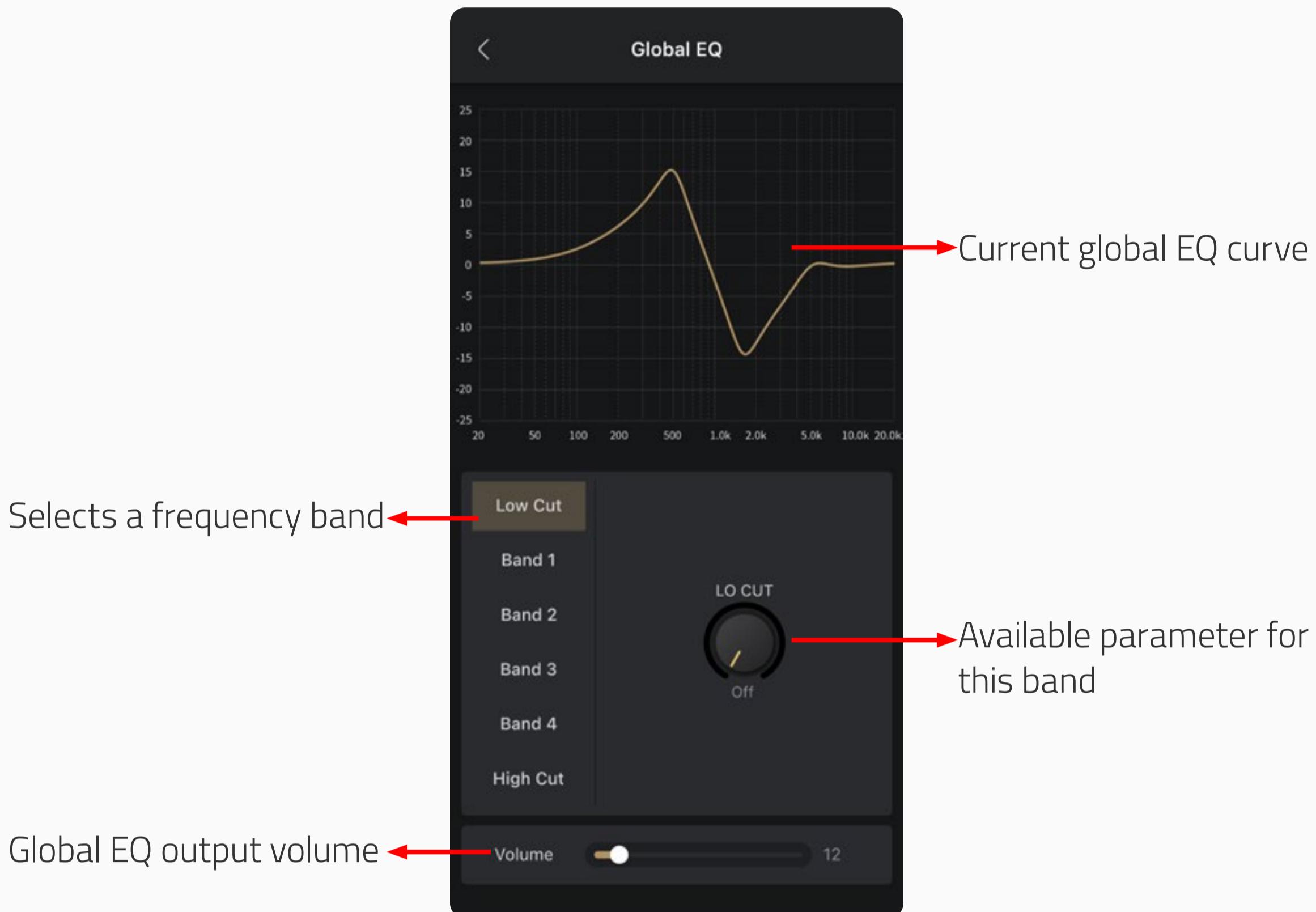
PLEASE DO NOT TURN ON MONITOR SWITCH OF YOUR TRACKS IN YOUR DAW DURING REAMP PROGRESS to avoid abnormal feedback/noises which may harm your devices.

Turning on Loopback switch is not recommended during reamp progress.

Global EQ

You can turn on Global EQ for overall tone sculpting if needed. Global EQ is defaulted to off and won't affect audio playback.

Tap "Setup" in Global EQ section:



Low Cut/High Cut set low cut/high cut filter frequency from Off-20Hz-20000Hz, defaults are all off.

Band 1-4 are 4 switchable peak filters with center frequency, bandwidth (Q) and gain controls. 4 band controls are the same:

FREQ 1-4: Controls band 1-4 center frequency from 20Hz-20000Hz. Default values are:

BAND 1: 100Hz

BAND 2: 500Hz

BAND 3: 1600Hz

BAND 4: 5000Hz

Q: Controls filter width from 0.10-10.00, default is 0.71

Gain: Controls filter gain from -20dB to +20dB, default is 0dB

Display

Display Output Meter: Sets whether atmosphere light strip shows output meter.

Default is on.

Atmos Light Brightness: Adjusts atmosphere light strip brightness from Off, Smooth, Standard and Bright. Default is set to Standard.

Theme Color: Selects a system UI color; this will affect both screen display and atmosphere lights.

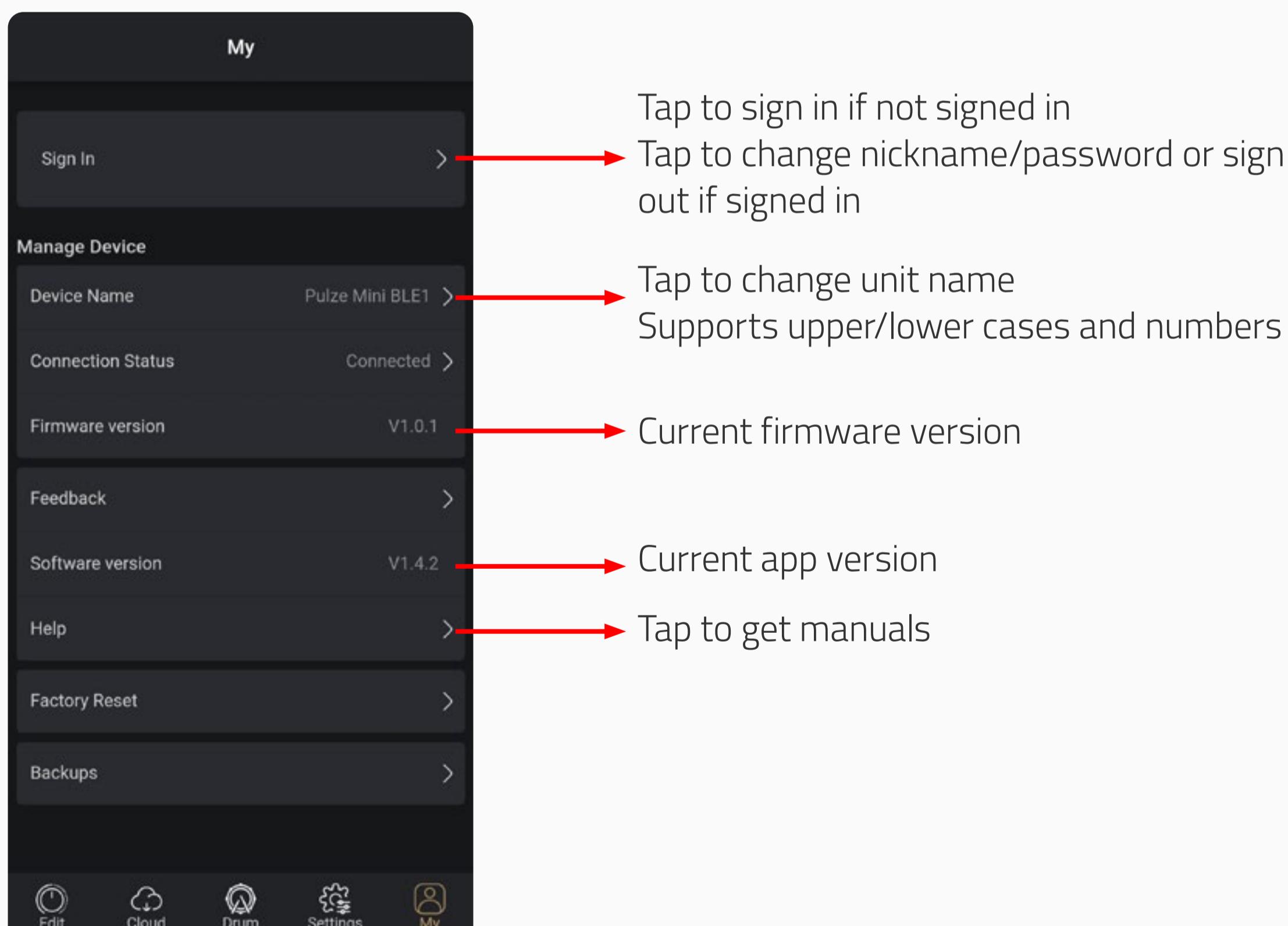
Language: Select unit system UI language.

Auto Standby: Adjusts after how long the unit enters standby mode. Selections are Never, 10 min, 20min, 30min, 40min, 50min, 60min. Default is set to 10min.

My

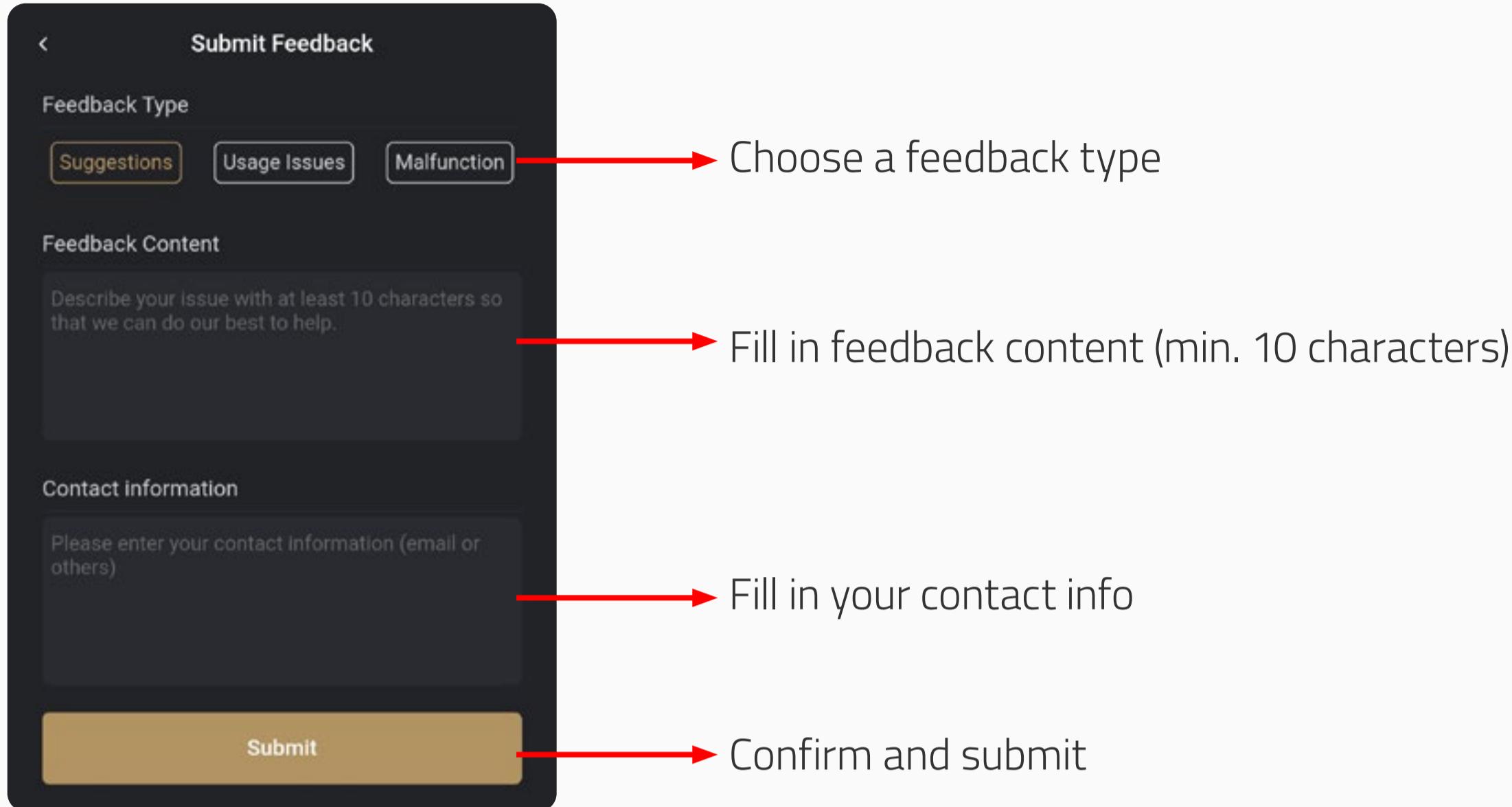
In this menu you can manage your account, manage your unit, check manuals, backup your data and reset your unit.

Tap "My" tab to enter:



Feedback

If you have some suggestions and issues, you can tell us via Feedback page:



Factory Reset

You can restore part of/all data to factory default here.

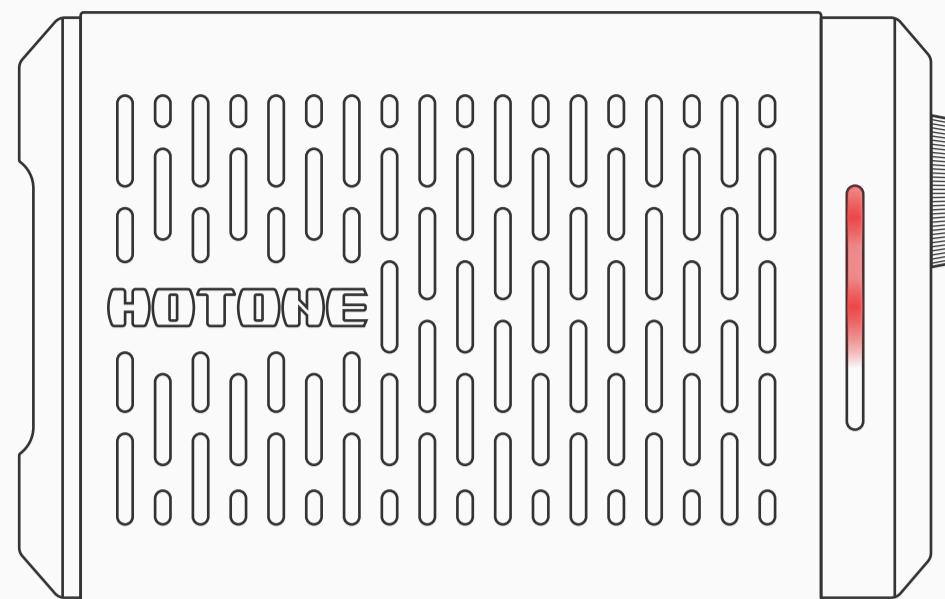
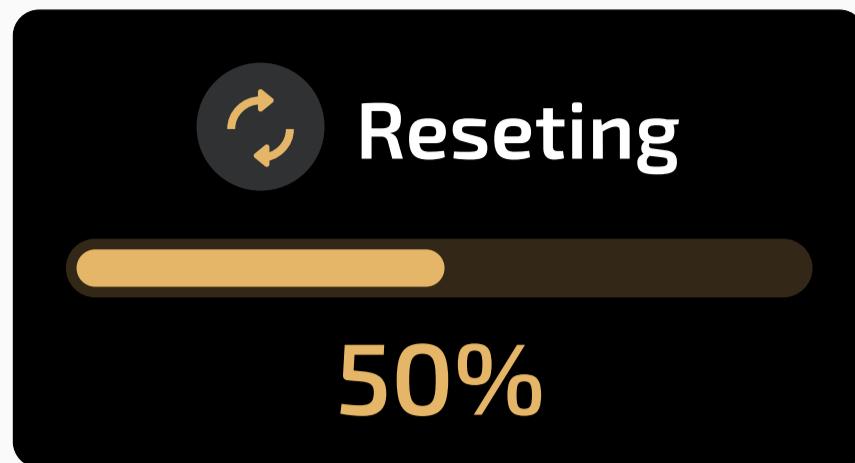
- Reset Songlist/Tone: Delete all user tones and restore to factory tones. User settings are not affected.
- Reset Settings: Reset all settings to factory default. Tones and songlists are not affected.
- Factory Reset: Performs a factory reset which deletes all user data and resets all settings.

Choose a selection depending on your needs.

After pressing Factory Reset button, this display will come up with a warning.

Pressing YES will perform the factory reset. Pressing NO will return to the previous menu.

After continuing with the factory preset, both the screen and atmosphere light strip will show reseting progress.



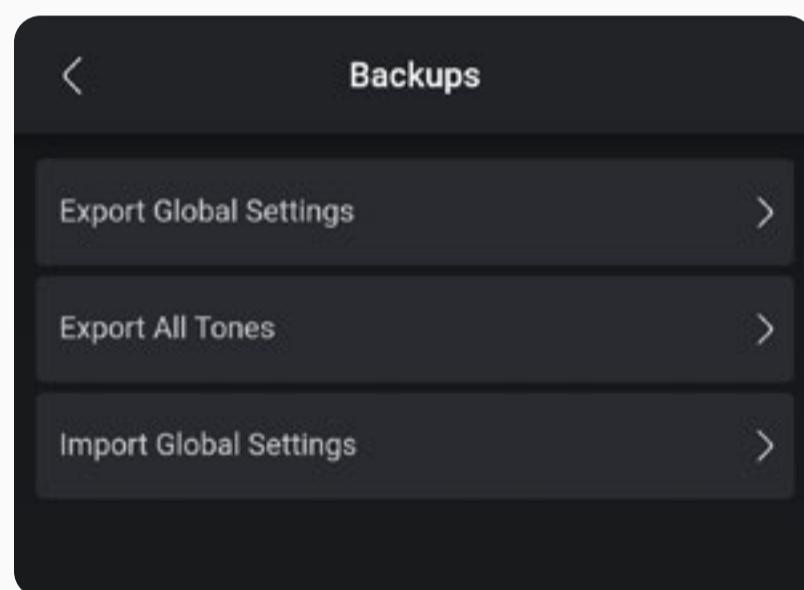
When the factory reset is complete, the unit will go to normal with BT function off. Please reconnect the unit and app manually.

Please note:

Once it is executed, it cannot be undone, so please back up your settings with Pulze Editor on your phones/pads before performing a factory reset. Do not power off while the reset is in progress. This may cause your Pulze Mini to malfunction.

Backup

You can use Backup function for backing up your tones and settings.



Export All Tones function lets you export all tones stored in your Pulze as individual tone files. The operation is the same as normal export progress (see [Export](#) section).

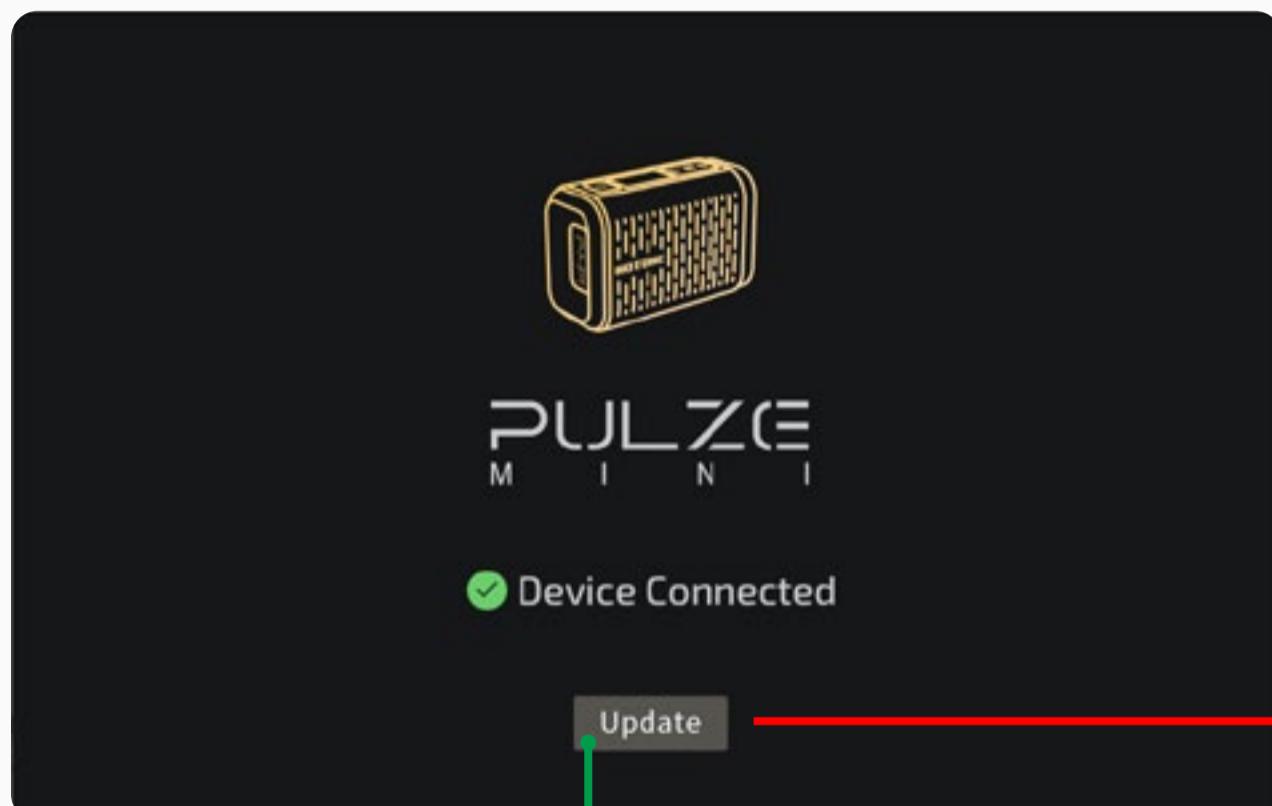
Export Global Settings function lets you export your current settings as a .glb file. If you need to recover your global settings, you can use Import Global Settings function.

For iOS users, when exporting, the file should be exported to Files/My iPhone/Pulze Editor/.

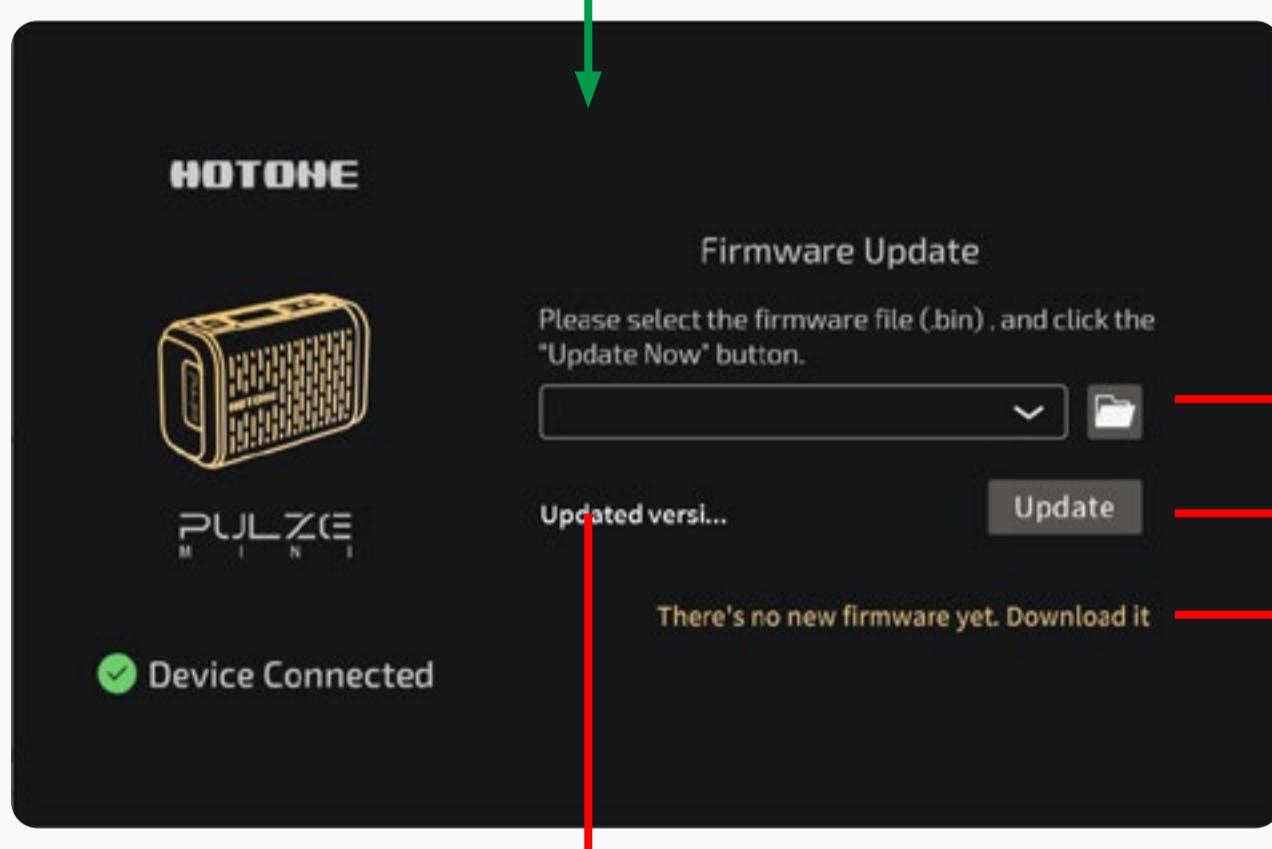
Firmware Update

You can update your unit by using Pulze USB Updater on your PC/Mac.

Download and launch Pulze USB Updater, power up your unit and connect to your computer, then follow the instructions on the updater UI:



Tap to go to the following page
Pulze Mini will automatically enter
firmware update mode



Choose firmware file (.bin file) directory
Execute firmware update
Click to download firmware from
Hotone website
Firmware version of chosen file

Please note:

Do not disconnect the power supply while update is in progress to avoid possible malfunction.

If update accidentally failed, please turn off your unit, power up while holding the volume knob to enter firmware update mode, then re-update.

Troubleshooting

Please note: If issues still occur after troubleshooting, please disconnect the AC adapter and turn the power OFF immediately and disconnect all other connected cables, then contact our service team/authorized dealers/the store where you bought the unit. Please inform us the model name, serial number, specific symptoms related to the malfunction, your contact info and other info if you think which will be helpful.

Device won't turn on

- Please confirm if the battery is sufficiently charged. If the battery level is low, please charge it in time.

No sound or slight sound

- Make sure your cables are connected properly.
- Make sure the volume knob is adjusted properly.
- Check effect output volume settings.
- Check tone volume of your current tone.
- Check the noise gate threshold setting of your current tone.
- Make sure Reamp switch is off by using Pulze Editor (Settings > Reamp). the noise
- Make sure your Pulze is not blocked by other objects.

Noise

- Make sure your cables are connected properly.
- Check your instrument output jack.
- Check if you're using the correct power adapter.
- If the noise is coming from your instrument, try using the noise gate effects or adjust threshold parameter.

Sound problems

- Make sure your cables are connected properly.
- Check your instrument output jack.
- Check I/O meters to see if your input/output levels are properly set. Extreme I/O levels may cause abnormal sounds.
- Check effect parameters to see if they are properly set. Extreme parameters may cause abnormal sounds.
- Make sure Reamp switch is off when finish reamping and start monitoring reamp results.

Technical Specifications

Frequency Range: 20Hz-20kHz

Speakers: One 2" custom full range speaker

Power Amp: Class D power amp with 5W rated output

Digital Audio Signal Processing: 24-bit depth, 48kHz sample rate

No. of Effect Modules: 7

No. of Effects: 191 (incl. Global EQ)

Tones (Presets): Max. 200 tones

Drum Machine: 100 rhythm patterns incl. metronome

Inputs: One 1/4" Tip Sleeve (TS) instrument jack

Outputs: One 1/8" stereo headphones output jack

Screen: 1.45" TFT LCD Color Screen

USB Port: USB 2.0 Type-C port, supports USB Audio 2.0

USB Audio: 2-in/2-out USB audio interface with loopback and reamp support

IR processing: Supports 24-bit/48kHz Mono WAV files, 1024 points; Supports up to 20 user IRs

Battery: Built-in 3.8V 3900mAh Lithium battery

Battery Life:

Continuous Playback: Approx. 5.5 hours of under medium volume

Maximum: Approx. 11.5 hours with headphones

Dimensions: 125mm (W) x 57mm (D) x 79mm (H)

Weight: 368g