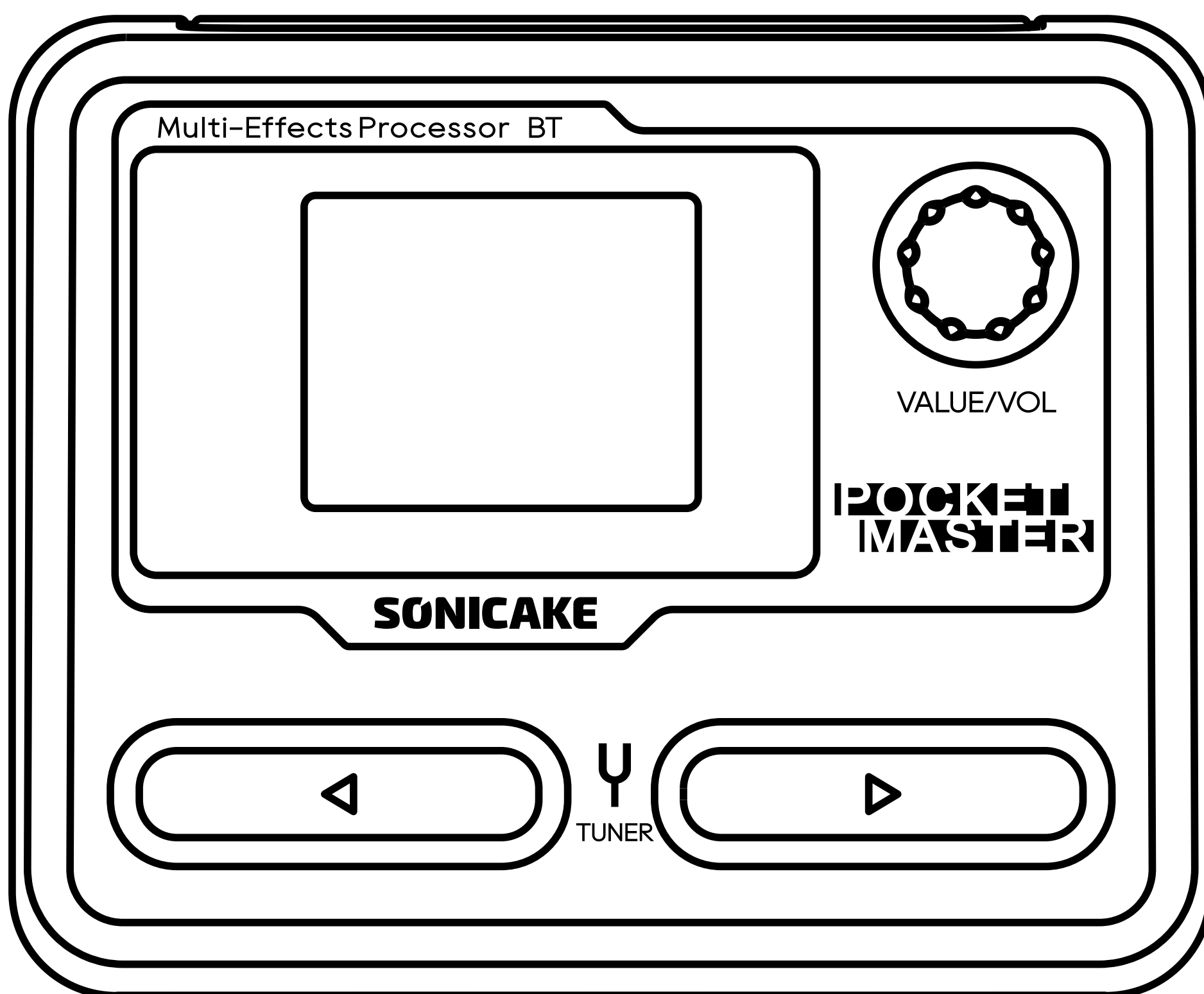


# POCKET MASTER

Multi-Effects Processor BT

## User Manual

For Firmware V1.0.1



# SONICAKE

[www.sonicake.net](http://www.sonicake.net)

※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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# ATTENTION

## Handling

- Do not get the unit wet. If liquid is spilled on the unit, shut it off immediately.
- Do not block any of the ventilation openings.
- Keep away from heat sources.
- Disconnect the unit during storms to prevent damage.
- Operation of this unit within significant electromagnetic fields should be avoided.

## Connecting the power and input/output jacks

- Always turn OFF the power to the unit and all other equipment before connecting or disconnecting any cables.
- Also make sure to disconnect all connection cables and the AC adapter before moving the unit.

## Cleaning

- Clean only with a dry cloth.

## Alterations

- Do not open the unit.
- Do not attempt to service the unit yourself.
- Opening the chassis for any reason will void the manufacturer's warranty.

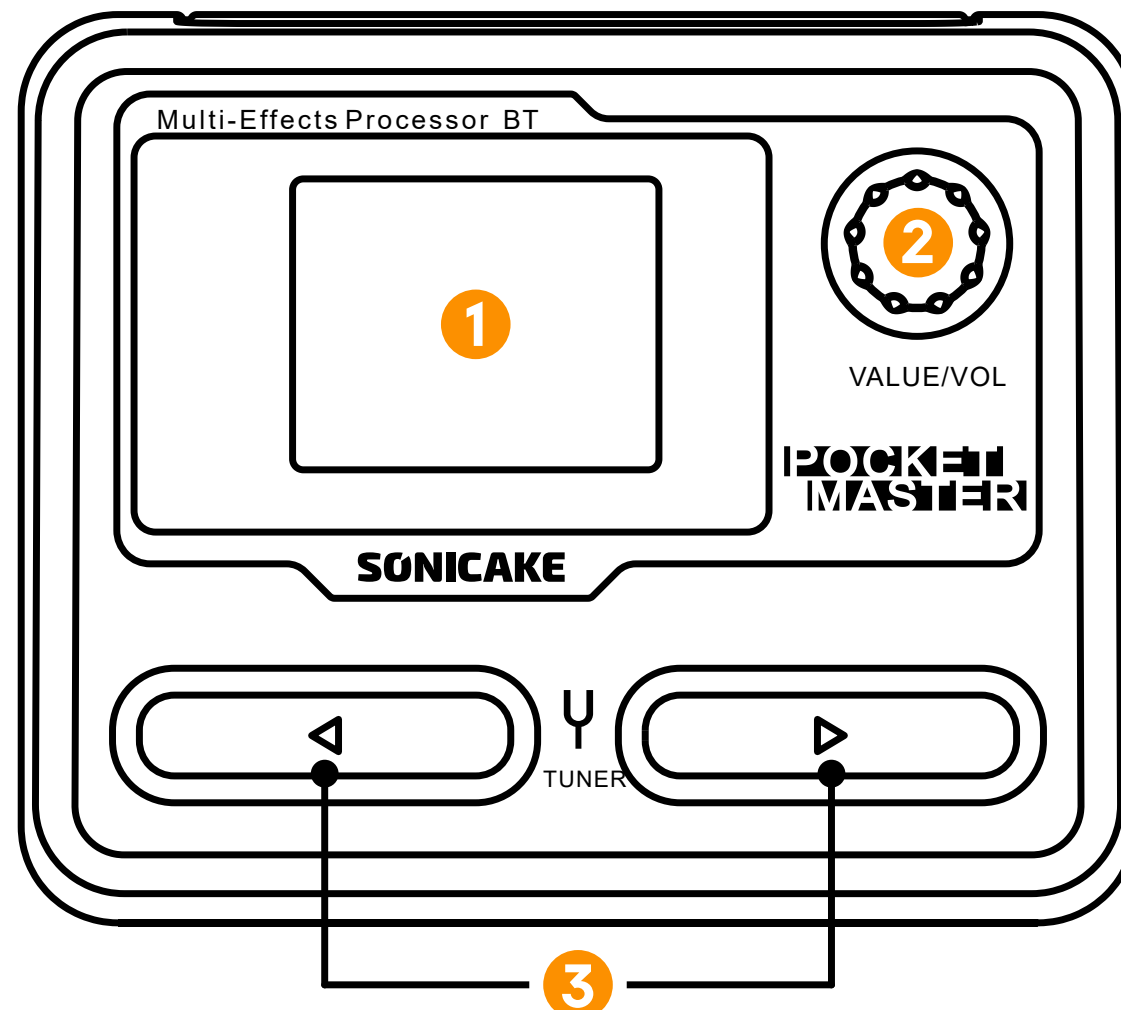
## Operation instructions for the power supply adapter

- Always use a DC5V. Use of an adapter other than that specified could damage the unit or cause malfunction and pose a safety hazard.
- Pay attention to the voltage range requirements marked on the power supply. Unplug the unit during lightning storms or when unused for long periods of time.

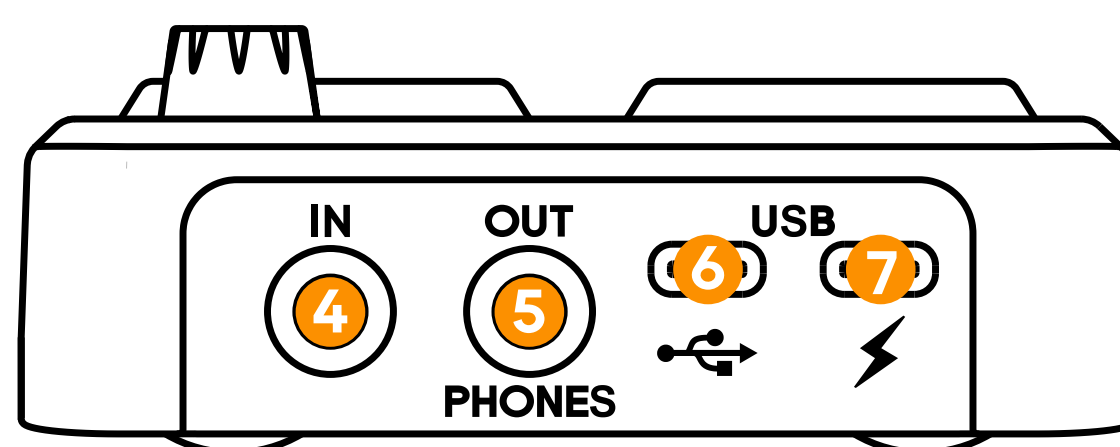
## Malfunction



- If the unit should malfunction, disconnect the DC adapter and turn the power OFF immediately. Then, disconnect all other connected cables.
- Prepare information including the model name, serial number, specific symptoms related to the malfunction and contact SONICAKE support (support@sonicake.com).

# PANEL INTRODUCTION



1. 1.77" LCD color screen, to display preset information, battery level, BT status, and other operational information
2. Hold to turn on the device or enter the option menu; turn or press the knob to select or adjusts parameters
3. Press "◀" / "▶" to switch presets, switch effect modules and various options
  - In the main menu:  
Press "◀" + "▶" at the same time to turn on the TUNER; hold "◀" + "▶" at the same time to enter the loop menu
  - In a non-main menu:  
Press "◀" + "▶" at the same time to return main menu



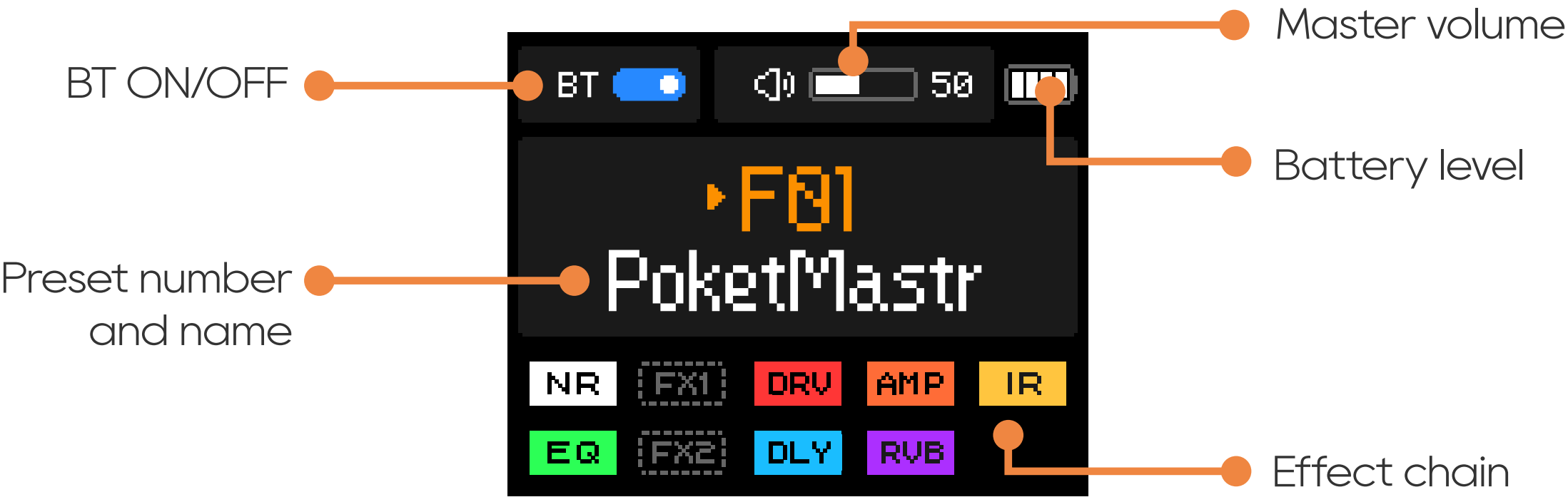
4. 1/4" (6.35mm) TS mono input for plugging in your instrument
5. 1/4" (6.35mm) TRS stereo output for connect headphones, amps, pedals, etc.
6. USB Type-C  to connect to a mobile phone or computer for recording and firmware upgrade
7. USB Type-C  for device power supply and charging

# MAIN MENU

Hold VALUE/VOL turn on the device

After starting the machine, enter the main menu by default

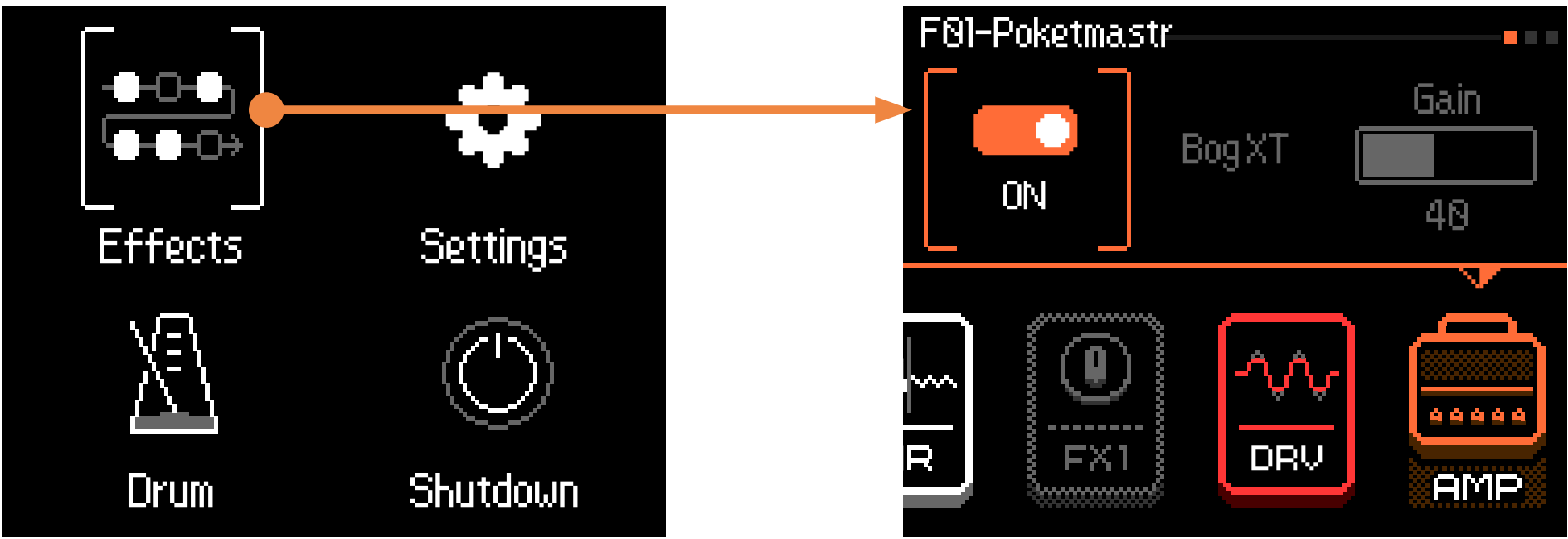
Turn or press the knob to select or adjusts parameters



# EFFECTS EDITING

## EFFECTS CHAIN EDITING MENU

Press VALUE / VOL enter the menu, select Effects to enter the effect editing menu.



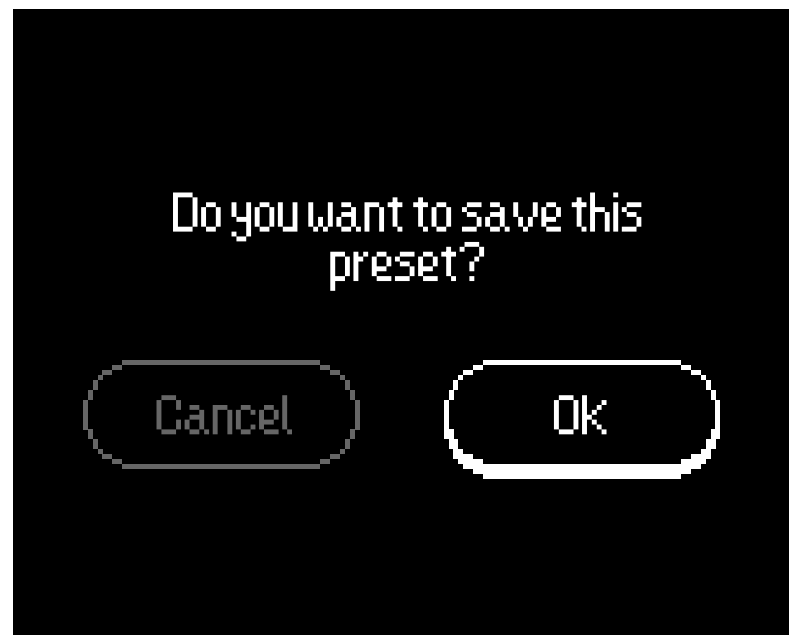
Press " ◀ " / " ▶ " to switch presets, switch effect modules and various options

Turn or press VALUE/VOL knob to select or adjusts parameters

Press " ◀ " + " ▶ " at the same time to return main menu

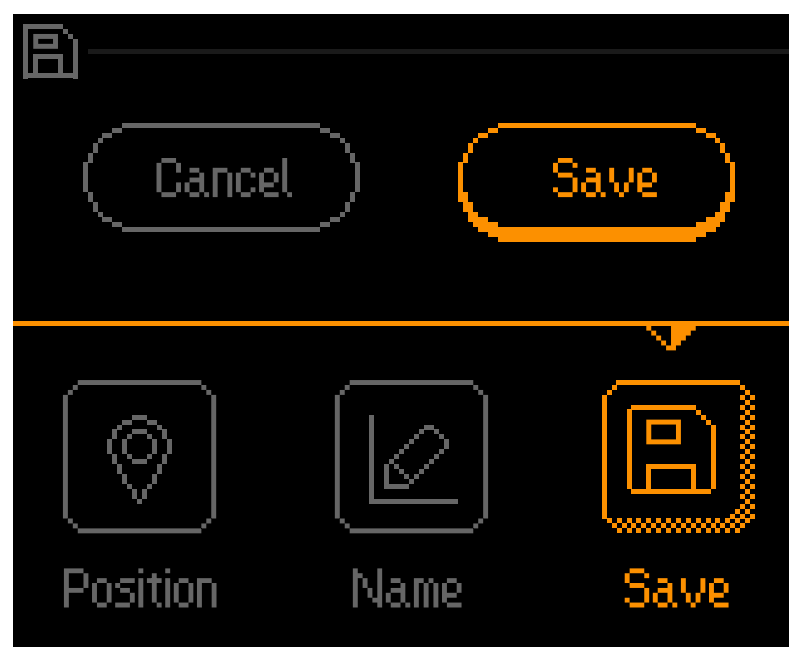
## SAVE MENU

Enter any preset, if after changing the preset, press the "◀" + "▶" as shown in the figure:



Select Cancel, return to the main menu

Select OK, then enter the storage menu as shown in the figure:

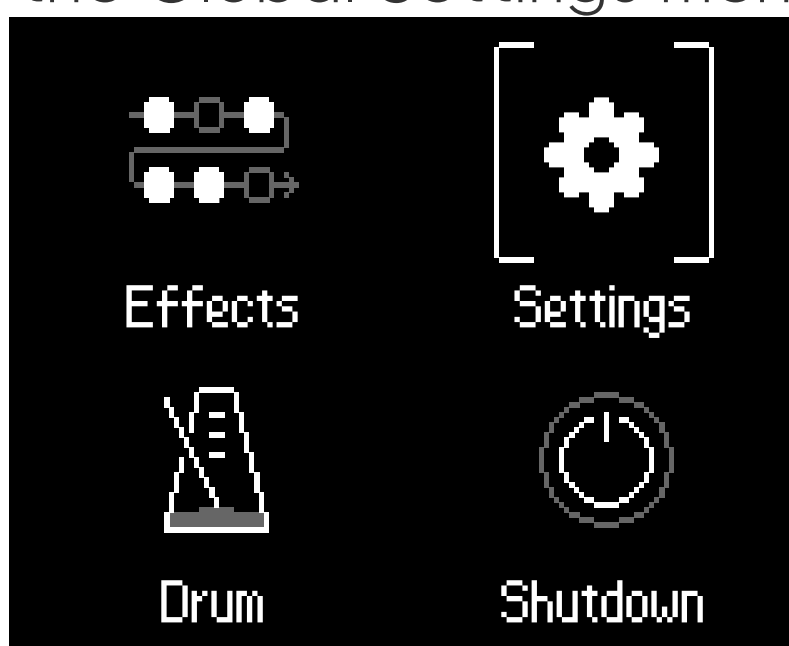


Press "◀" + "▶" to select option, VALUE / VOL knob to edit.

Select Save to save after the setup completes.

## SETTINGS

Select Settings to enter the Global Settings menu.

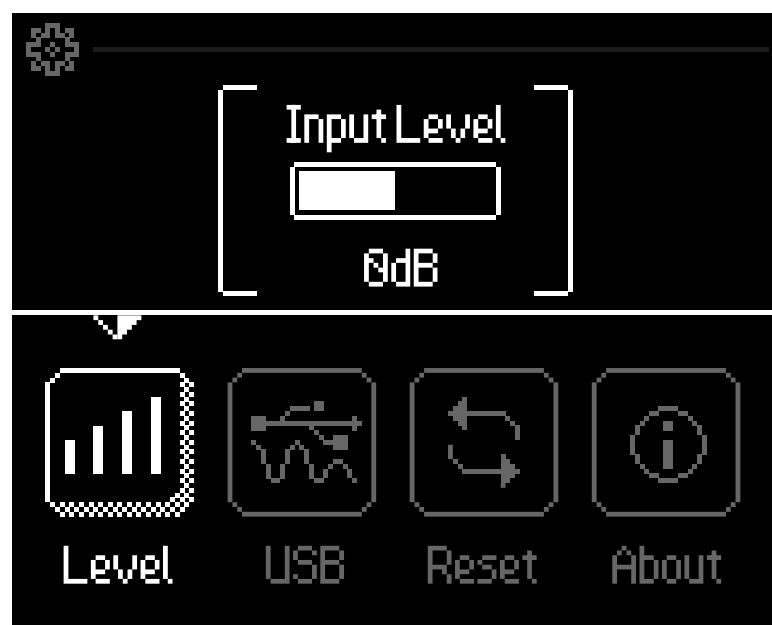


Press "◀" / "▶" to switch presets, switch effect modules and various options

Turn or press VALUE/VOL knob to select or adjusts parameters

Press "◀" + "▶" at the same time to return main menu

## INPUT LEVEL



Input Level (Input gain) Ranging from -20dB to 20dB.

## USB

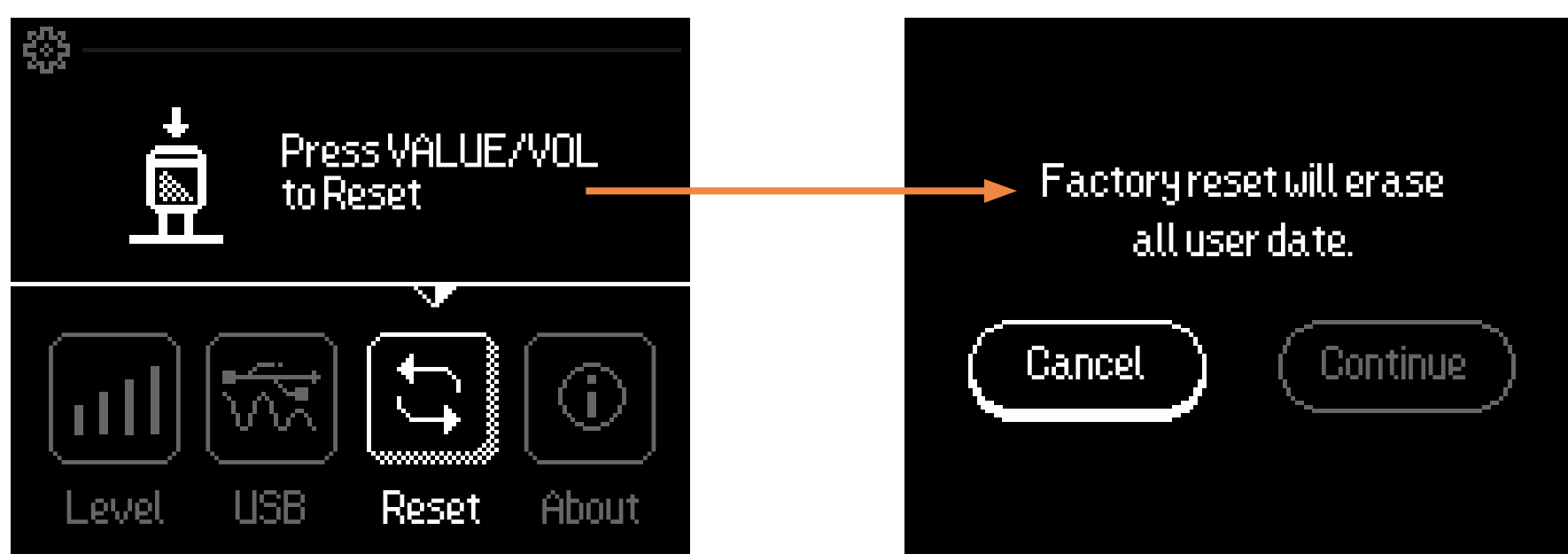


FX REC (Effect recording volume): Adjust the volume of the effect audio recording, ranging from -20dB to 20dB.

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

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

## RESET



Selecting the "Continue" system performs the operation to restore the factory settings. This removes all previously edited presets and personalization settings to restore the device to its original factory state.

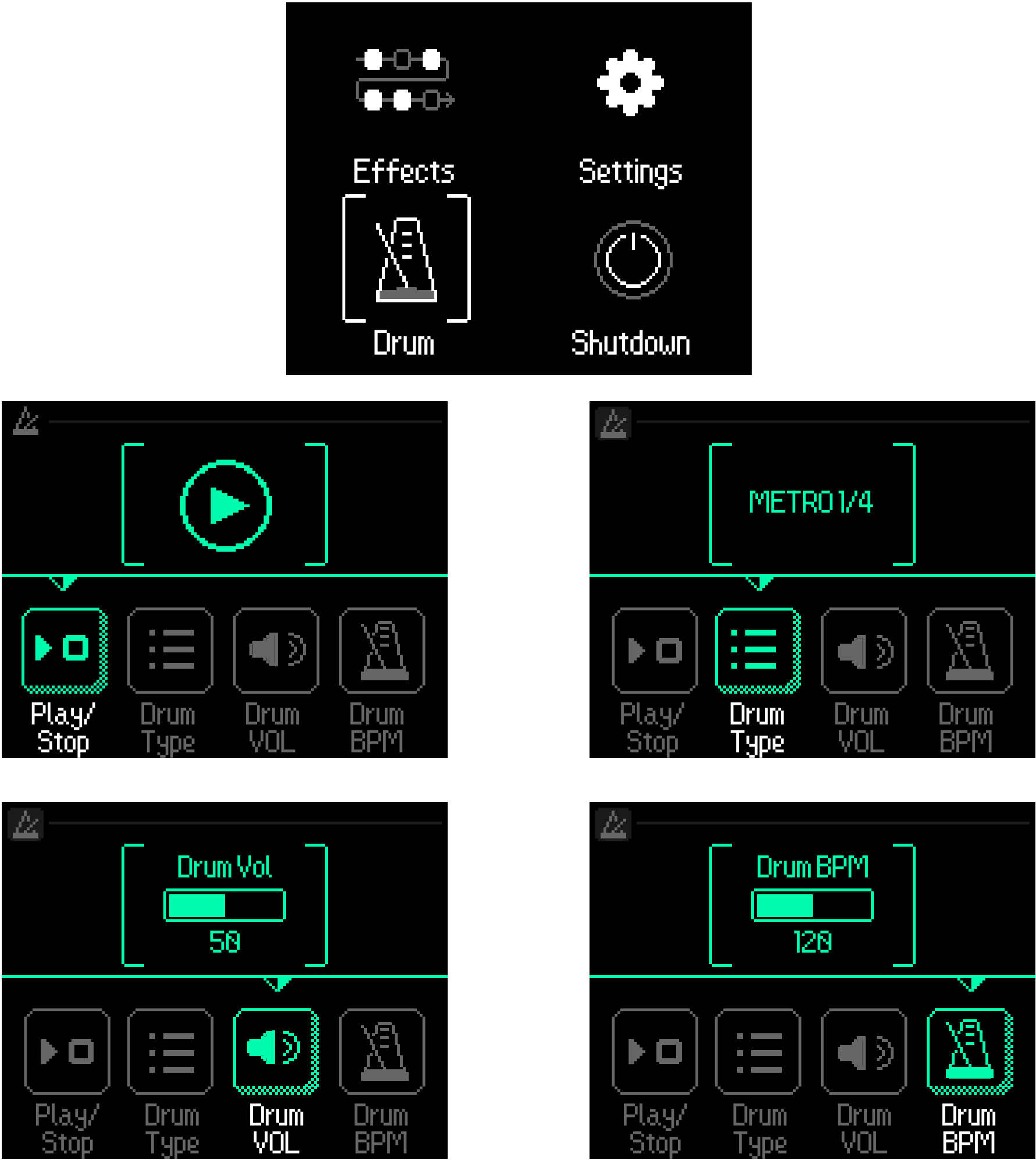
## ABOUT



This menu is to check the firmware version.

# DRUM

Select Drum to enter the Drum menu.



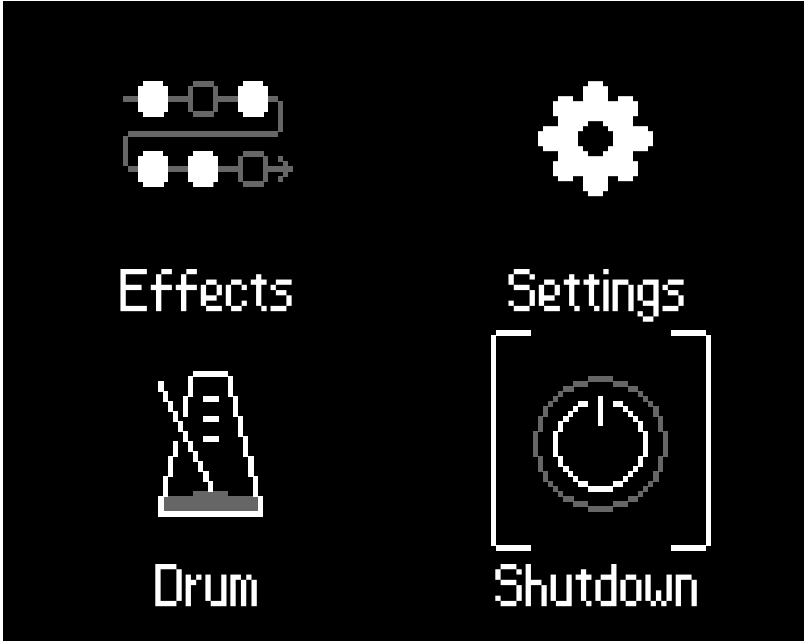
Press " ◀ " / " ▶ " to switch presets, switch effect modules and various options

Turn or press VALUE/VOL knob to select or adjusts parameters

Press " ◀ " + " ▶ " at the same time to return main menu

# SHUTDOWN

Select Shutdown to power off.

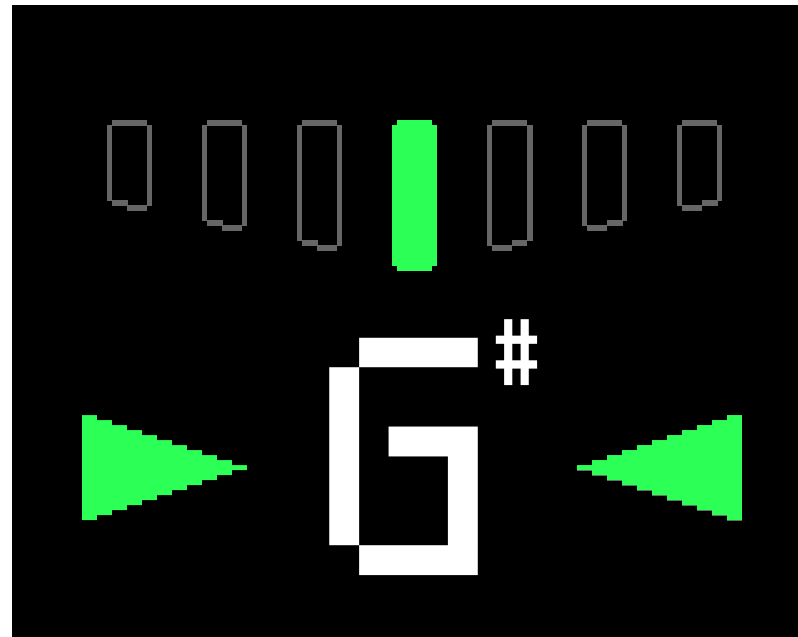




## TUNER

In the main menu:

Press "◀" + "▶" at the same time to turn on the TUNER.



## LOOPER

In the main menu:

Hold "◀" + "▶" at the same time to enter the loop menu.



Pressing "◀" starts recording, pressing it again starts playback, and pressing "◀" during playback starts overdubbing:



Pressing "▶" stops recording or playback, while holding it down clears all recorded phrases.

## Using Pocket Master as an audio interface

When used as a USB audio interface, the Pocket Master will be recognized by the system as a 2-in/2-out USB device.

# Compatible Software

When you connect your Pocket Master with the Android/iOS/Windows/Mac, you can use the free Pocket Master software to manage multiple functions, including adjusting tones, import/export patches, firmware upgrade, loading 3rd party IRs and more.

The Pocket Master software supports both Android/iOS/Windows/Mac platforms.

Please download the software at [www.sonicake.com](http://www.sonicake.com)



# EFFECT LIST

FX Title	Description	Parameters
NR		
Gate	Based on famous ISP® Decimator™* noise gate pedal.	THRE: Controls the gate trigger level
FX1 & FX2		
COMP 1	Based on the legendary Ross™ Compressor*.	Sustain: Controls the compression amount VOL: Controls the effect output
COMP 2	Based on the Keeley® C4 4-knob compressor*.	Sustain: Controls the compression amount Attack: Controls how soon the compressor starts to process the signal VOL: Controls the effect output Clipping: Controls the input sensitivity
Touch Wah	A wide range d envelope filter (a.k.a. touch wah). Control the wah sound by playing intensity.	Sense: Controls the effect sensitivity Range: Controls the frequency range of the filter Q: Controls the sharpness of the filter Mix: Controls the wet/dry signal ratio Mode: Selects from two modes: Guitar/ Bass
Auto Wah	Set the rate to make the wah sound work regularly. Providing a variable auto wah effect for both guitars and basses.	Depth: Controls the effect depth Rate: Controls the effect speed VOL: Controls the output level Low: Controls the bottom point of center frequency (low freq) High: Controls the top point of center frequency (high freq) Q: Controls the sharpness of the filter
Boost	Based on famous Xotic® EP Booster* pedal.	Gain: Controls the effect output/boost amount +3dB: Selects the minimum boost amount from 0dB (off) to +3dB (on) Bright: Selects the sound character from vintage (Bright off) to flat (Bright on)
A-Chorus	Based on the legendary Arion® SCH-1 Stereo Chorus* pedal.	Depth: Controls the chorus depth Rate: Controls the chorus speed Tone: Controls the effect tone
B-Chorus	This vintage-voiced chorus model is based on the famous ensemble chorus unit that tuned for bass players.	

FX Title	Description	Parameters
Flanger	Classic flanger effect, producing rich and natural flanger tone.	Depth: Controls the flanger depth Rate: Controls the flanger speed P.Delay: Controls the pre delay time F.Back: Controls the amount of feedback
Phaser	Based on legendary MXR® M101 Phase 90*.	Rate: Controls the vibrato rate
Vibe	Based on the legendary Voodoo Lab® Micro Vibe*.	Depth: Controls the effect depth Rate: Controls the effect speed
Vibrato	Based on a BBD-based blue vibrato pedal.	
Tremolo	Based on legendary Demeter® TRM-1 Tremulator*, offering classical opto tremolo sound.	
Sine Trem	Sine tremolo waveforms and super wide tonal range.	Depth: Controls the effect depth Rate: Controls the effect speed VOL: Controls the effect output
Bias Trem	Bias tremolo waveforms and super wide tonal range.	Depth: Controls the effect depth Rate: Controls the effect speed VOL: Controls the effect output Bias: Adjust the offset change of the waveform
Octave	Provides polyphonic octave effect.	Low: Controls the volume of lower octave (1 oct down) High: Controls the volume of higher octave (1 oct up) Dry: Controls the dry signal level
Pitch	Polyphonic pitch shifter/harmonizer.	High/Low Pitch: Controls the low/high pitch shifting range by semitones Dry: Controls the dry signal level H/L-VOL: Controls the low/high pitch volume
Detune	This is a detuning effect that combines a slightly shifted signal with the original signal to create a chorus-like tone.	Detune: Controls the detune amount from -50 to +50 cents Dry/Wet: Controls the dry/wet signal level
DRV		
Scream	Based on legendary Ibanez® TS-808 Tube Screamer®* overdrive pedal.	Gain: Controls the overdrive amount Tone: Controls the effect tone VOL: Controls the effect output



FX Title	Description	Parameters
Butter OD	Based on the legendary 2-knob yellow overdrive pedal.	Gain: Controls the overdrive amount VOL: Controls the effect output
JP Dist	Based on a classic orange three-knob distortion pedal.	Gain: Controls the distortion amount Tone: Controls the effect tone VOL: Controls the effect output
Shark	Based on MI Audio® Crunch Box®* distortion pedal.	Gain: Controls the distortion amount Tone: Controls the effect tone VOL: Controls the effect output
Dark Mouse	Based on legendary ProCo™ The Rat* distortion (early LM308 OP-amp version).	Gain: Controls the distortion amount Filter: Controls the effect tone VOL: Controls the effect output
Grey Fuzz	Based on the legendary Sola Sound® Tone Bender Mk II®* fuzz pedal - the legend of the legends.	Fuzz: Controls the gain amount VOL: Controls the effect output
Red Fuzz	Based on legendary Dallas-Arbiter® Fuzz Face®* fuzz pedal.	
AMP		
TWD Deluxe	Based on Fender® Tweed Deluxe*.	Gain: Controls the gain amount (pre gain) Tone: Controls the effect tone VOL: Controls the output volume (post gain)
B-Man N	Based on Fender® '59 Bassman®* (Normal channel).	Gain: Controls the gain amount (pre gain) PRES: Controls the effect headroom VOL: Controls the output volume (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Dark Twin	Based on Fender® '65 Twin Reverb®*.	Gain: Controls the gain amount (pre gain) VOL: Controls the output volume (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone Bright: Switches extra brightness on/off
Voks 30N	Based on VOX® AC30HW* (Normal channel).	Gain: Controls the gain amount (pre gain) VOL: Controls the output volume (post gain) Tone: Controls the effect tone Bright: Switches extra brightness on/off
Jazz 120	Based on the legendary "Jazz Chorus" solid state combo.	VOL: Controls the effect gain/output amount Bass/Middle/Treble: 3-band EQ that controls the effect tone Bright: Switches extra presence on/off

FX Title	Description	Parameters
Brit 45	Based on Marshall® JTM45* (Normal channel).	Gain: Controls the gain amount (pre gain) PRES: Controls the effect headroom VOL: Controls the output volume (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Brit50 JP	Based on Marshall® JTM50* with "Jump" connection.	Gain 1/2: Controls the gain amount (pre gain) PRES: Controls the effect headroom VOL: Controls the output volume (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Brit 800	Based on the legendary Marshall® JCM800*.	Gain: Controls the gain amount (pre gain) PRES: Controls the effect headroom VOL: Controls the output volume (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
B-Man B	Based on Fender® '59 Bassman®* (Bright channel).	
Voks 30TB	Based on VOX® AC30HW* (TB channel).	Gain: Controls the gain amount (pre gain) Tone: Controls the effect tone VOL: Controls the output volume (post gain) Bass/Treble: 2-band EQ that controls the effect tone Char: Selects from two sound characters: Cool (lower gain)/Hot (higher gain)
Sol100OD	Based on Soldano® SLO100* (crunch channel).	Gain: Controls the gain amount (pre gain) PRES: Controls the effect headroom VOL: Controls the output volume (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
DizzyVH	Based on the 3rd channel of the famous Diezel® VH4*.	
Eng120	Based on famous ENGL® Savage 120 E610*.	
Halen51	Based on Peavey® 5150®* (LEAD channel).	
Sol100LD	Based on Soldano® SLO100* (Overdrive channel).	
CalifDualV	Based on Mesa/Boogie® Dual Rectifier®* (Vintage mode).	
CalifDualM	Based on Mesa/Boogie® Dual Rectifier®* (Modern mode).	
EngPower	Based on the lead channel (Channel 4) of the famous ENGL® Powerball II E645/2* amp head.	

FX Title	Description	Parameters
FlymanB1+	Based on the famous''Brown Eye''UK-style boutique amp head (HBE channel).	Gain: Controls the gain amount (pre gain) PRES: Controls the effect headroom VOL: Controls the output volume (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
BogXT	The Bogner® XTC* red channel is known for its fiery high gain distortion and the main timbre.	
IR		
TWD 1x8	Vintage Fender® Champ* 1x8'' cabinet.	VOL: Controls the output volume
TWD-P 1x10	Vintage Fender® Princeton* 1x10'' cabinet.	
Vibluxe 1x12	Vintage Fender® Vibrolux* 1x12'' cabinet.	
Voks 1x12	Vintage VOX® AC15* 1x12'' cabinet.	
TWD 2x12	A custom Fender® Tweed* 2x10'' cabinet.	
Double 2x12	Vintage Fender® '65 Twin Reverb* 2x12'' cabinet.	
Star 2x12	Mesa/Boogie® Lonestar* 1x12'' cabinet.	
Jazz 2x12	Legendary ''Jazz Chorus'' 2x12'' cabinet.	
BritGN 2x12	Marshall® 2550* 2x12'' cabinet.	
BritGN 4x12	Vintage Marshall® 4x12'' cabinet with Celestion® Greenback®* speakers.	
Bog 4x12	Bogner®* 4x12'' cabinet.	
Dizzy 4x12	Diezel®* 4x12'' cabinet.	
Halen 4x12	Peavey® 6505* 4x12'' cabinet.	
Sol 4x12	Soldano®* 4x12'' caninet.	
Dual 4x12	Mesa/Boogie® Rectifier®* 4x12'' cabinet.	
User IR 1~5	User IR.	
EQ		
GT EQ 1	5-Band Equalizer designed for guitars.	125Hz, 400Hz, 800Hz, 1.6kHz, 4kHz: Use the five bands above to control the EQ level. VOL: Controls the output level
GT EQ 2	5-Band Equalizer designed for guitars.	100Hz, 500Hz, 1kHz, 3kHz, 6kHz: Use the five bands above to control the EQ level. VOL: Controls the output level

FX Title	Description	Parameters
Bass EQ	5-Band Equalizer designed for basses.	50Hz, 120Hz, 400Hz, 800Hz, 4.5kHz: Use the five bands above to control the EQ level. VOL: Controls the output level
DLY		
Pure	Produce pure, precised delay sound.	Mix: Controls the delay wet/dry signal ratio Time: Controls the delay time F.Back: Controls the amount of feedback
Slap	Simulates the classic slapback echo effect.	
Warm	Producing warm delay sound with analog feel.	
Mag	Simulates solid-state tape echo sound.	
Tube	Simulates tube-driven tape echo sound.	
Reverse	Producing a special delay effect with reversed feedback.	
Analog	Reproduces the sound of a vintage 1980's rack-mount delay machine with slightly sample-reduced feedback.	
Sweep	Producing a delay effect with sweeping filter modulated repeats.	Mix: Controls the delay wet/dry signal ratio Time: Controls the delay time F.Back: Controls the amount of feedback S-Depth: Controls the sweep filter depth S-Rate: Controls the sweep filter speed
Ping Pong	A ping-pong delay producing stereo feedback bounces back and forth between left and right channels.	Mix: Controls the delay wet/dry signal ratio Time: Controls the delay time F.Back: Controls the amount of feedback
RVB		
Air	An airy reverb effect with natural decays.	Mix: Controls the wet/dry signal ratio Decay: Controls the duration of reverb time Damp: Dampens the effect high frequency amount
Room	Simulates the spaciousness of a room.	Mix: Controls the wet/dry signal ratio Decay: Controls the duration of reverb time
Hall	Simulates the spaciousness of a performance hall.	
Church	Simulates the spaciousness of a church.	



FX Title	Description	Parameters
Plate 1	Simulates the sound character produced by a large plate reverberator.	Mix: Controls the wet/dry signal ratio Decay: Controls the duration of reverb time
Plate 2	Simulates the sound character produced by a vintage plate reverberator.	Mix: Controls the wet/dry signal ratio Decay: Controls the duration of reverb time Damp: Dampens the effect high frequency amount
Spring	Simulates the sound character produced by a vintage spring reverberator.	Mix: Controls the wet/dry signal ratio Decay: Controls the duration of reverb time
Light	Special-tuned reverb effect with lush, bright decays.	
Ocean	Special-tuned reverb effect with huge, deep decays.	
Dream	Produces a modulated reverb effect that is lush and sweet.	Mix: Controls the wet/dry signal ratio Decay: Controls the duration of reverb time Damp: Dampens the effect high frequency amount Mod: Controls the effect modulation amount

\*The manufacturers and product names mentioned above are trademarks or registered trademarks of their respective owners. The trademarks were used merely to identify the sound character of the products.

# Specifications

- A/D/A Converter: 24-bit
- Sampling Frequency: 44.1kHz
- SNR: 103dB
- Maximum Simultaneous Effects: 9
- Preset Memory: 100 Presets Slots, 50 Factory Presets
- Analog Input Connections
  - Guitar Input: 1/4" (6.35mm) Unbalanced (TS), 1M  $\Omega$
- Analog Output Connections
  - Output (Headphone): 1/4" (6.35mm) Stereo (TRS), 100  $\Omega$
- Digital Connections
  - USB 1/2 Port: USB 2.0 Type C Port
- USB Recording Specification
  - Sample Rate: 44.1kHz
  - Bit Depth: 16-bit
- Size and Weight
  - Dimensions: 103.5mm (W) x 85mm (D) x 28.5mm (H)
  - Unit Weight: 194g
- Power
  - Power Requirements: USB Type-C, DC 5V
  - Built-in lithium battery: 1000mAh

# Troubleshooting

## Device Won't Turn On

- Make sure the power supply is properly connected and the device is switched on.
- Check if the power adapter is working properly.
- Check if you're using the correct power adapter

## No Sound Or Slight Sound

- Make sure your cables are connected properly.
- Make sure the volume knob is adjusted properly.
- When the expression pedal is used for volume control, check it's position and volume settings.
- Check the effects module volume settings.
- Check the patch volume settings.
- Make sure your input device is not muted.

## 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 reduction module to reduce it

## Sound Problems

- Make sure your cables are connected properly.
- Check your instrument output jack.
- If you're using an external expression pedal to control distortion or other similar parameters, check to see if the expression pedal is set up properly.
- Check your effects parameter setup. If effects are set to extremes, Pocket Master may have abnormal noise.