

MOOER



PRIME M1
Intelligent Pedal

Owner's Manual

Content

PRECAUTIONS	01-02
FEATURES	03
LAYOUT	04-06
INSTRUCTIONS	07-15
EFFECT LIST	16-30
SPECIFICATIONS	31

PRECAUTIONS

Please read carefully before using

Power

- Use a power supply that is approved by relevant authorities and complies with local regulations (e.g., UL, CSA, VDE, CCC).
- Use a power supply that meets the specifications designated by the manufacturer.
- Unplug the power supply when not in use or during thunderstorms.
- Avoid overheating the product containing batteries (for example, avoid direct sunlight and keep away from fire).
- If the battery leaks, avoid contact with skin or eyes. If contact occurs, please seek medical advice as soon as possible.
- The batteries included with this product can pose risks of fire or chemical burns if mishandled.

Placement

To prevent deformation, discoloration, and other severe damage, avoid the following conditions:

- Direct sunlight
- Near heat sources
- Dusty or dirty areas
- Magnetic fields
- High temperatures and humidity
- Excessive moisture
- Strong vibrations or shocks

Cleaning

When cleaning the device, use a dry, soft, or slightly moist cloth. Do not use rough cleaning powders, alcohol, paint thinner, wax, solvents, cleaners, or chemical agents.

Operation

- Do not press the switches and rotating the controls knobs forcefully.
- Prevent paper scraps, metallic objects, and other items from falling into the device.
- Do not drop or subject the device to impacts or excessive pressure.
- Do not modify this product without authorization.
- For repairs, please contact MOOER Support: support@mooeraudio.com.

FEATURES

- 128 built-in high-quality guitar effect models. 21 bass effect models.
- MOOER Cloud for preset sharing, supports third-party IR loading.
- 40 drum grooves and 10 metronomes.
- Built-in 80-second looper.
- Stereo output.
- Supports headphone output for silent practice.
- Bluetooth audio playback.
- Supports OTG high-quality direct recording.
- Dual footswitch control.
- Compatible with mobile MOOER Prime APP and MOOER Studio editor software.
- Integrated rechargeable lithium battery.
- Extremely compact and portable.

LAYOUT



- 1 Instrument Input**
Use a 1/4" standard (TS) signal cable to connect the guitar to this jack.
- 2 Stereo Output**
- 3 Master Volume Control**
Adjusts the output volume and headphone output volume.
- 4 Stereo Headphone Jack**
Connect a 1/8" TRS headphone to this jack.
- 5 USB-C/OTG**
Connect to a 5V/2A power supply for charging or connect to a mobile device for OTG direct recording.
- 6 Device Reset Hole**
Insert a needle into the reset hole and press it to restart the device.
- 7 Charging Indicator LED**
Red LED indicates your M1 is charging; green LED indicates the charging is complete.
- 8 Battery Indicator LED**
- 9 Display Screen**
- 10 Bluetooth**
Icon LED On indicates Bluetooth audio is connected.
- 11 Drum Machine button**

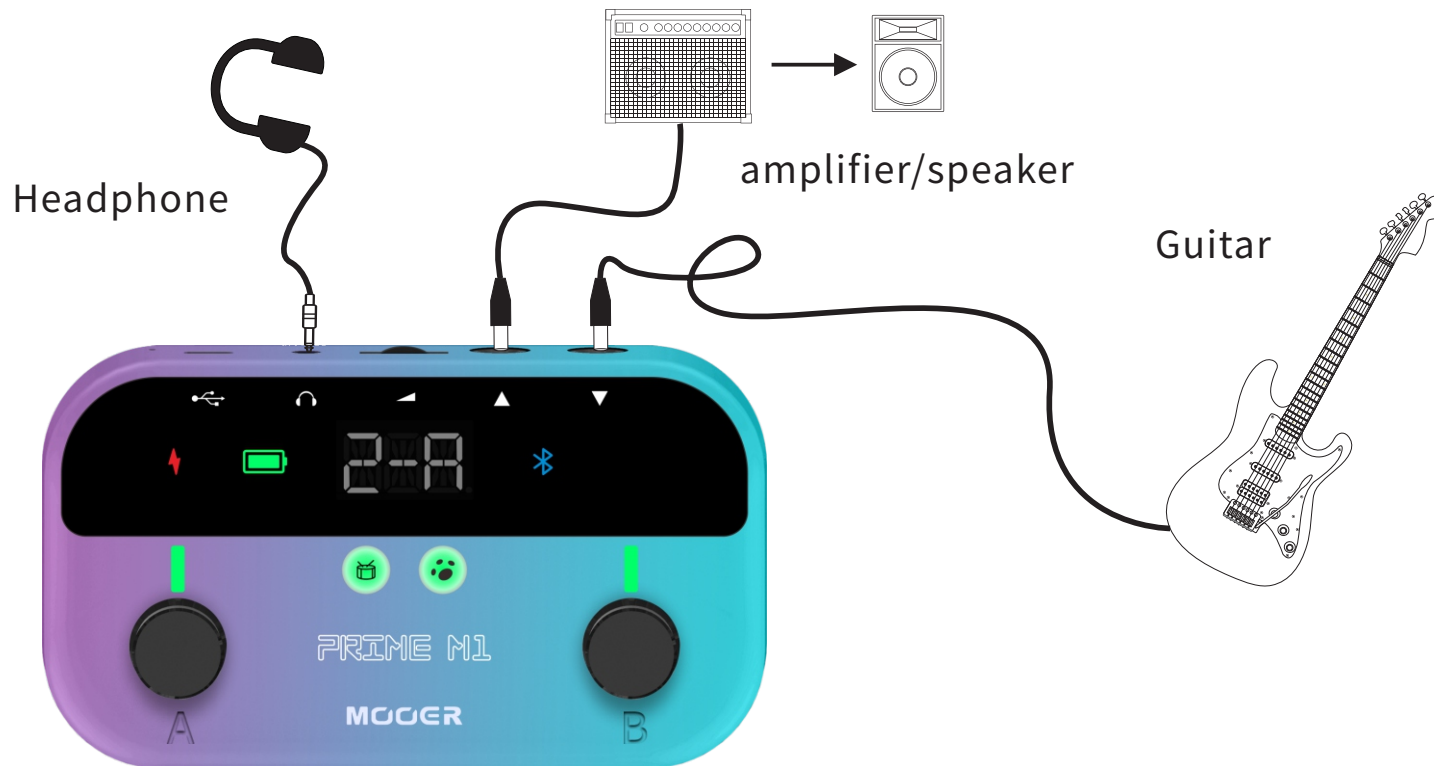
- 12** Power Switch
- 13** A Footswitch with LED indicator
- 14** B Footswitch with LED indicator

INSTRUCTIONS

1. Connections

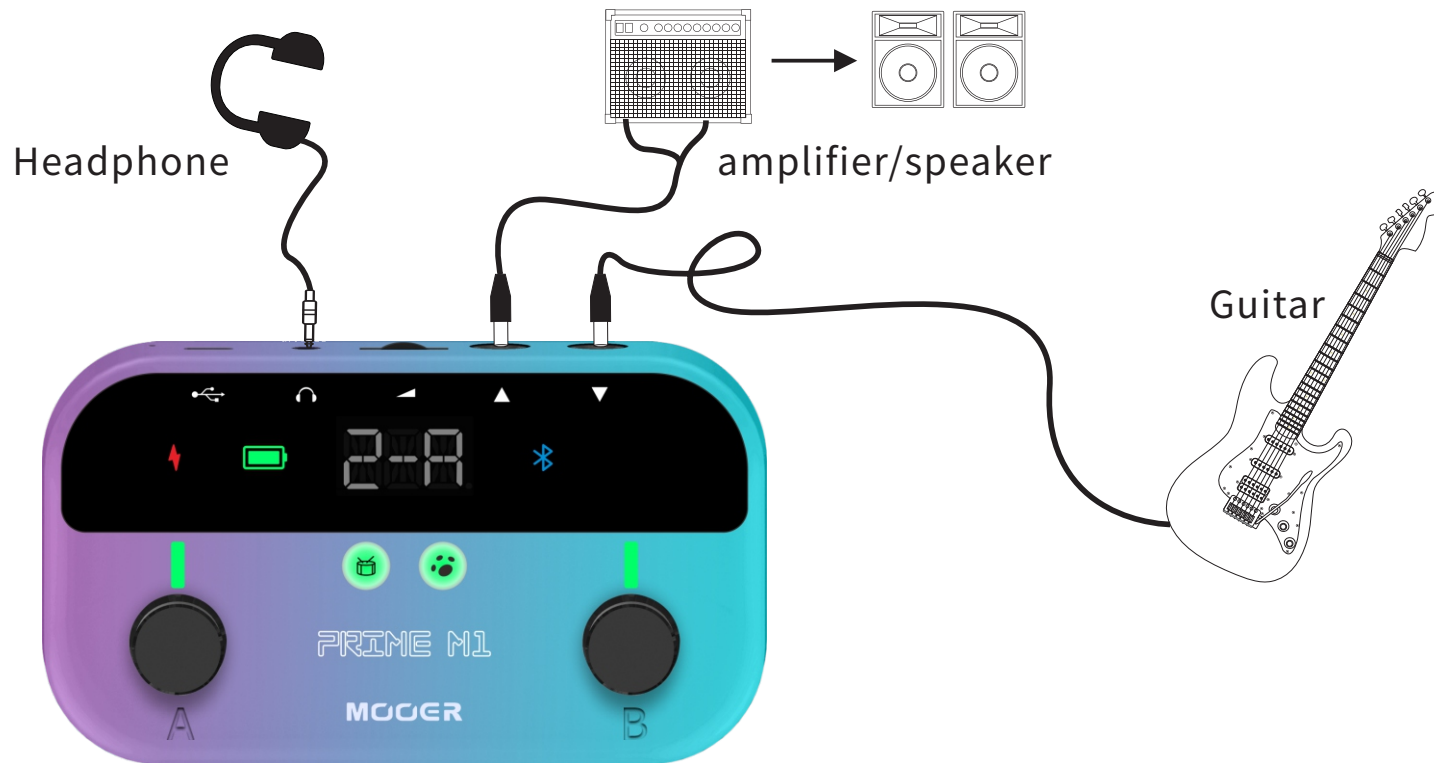
1.1 Standard Connection

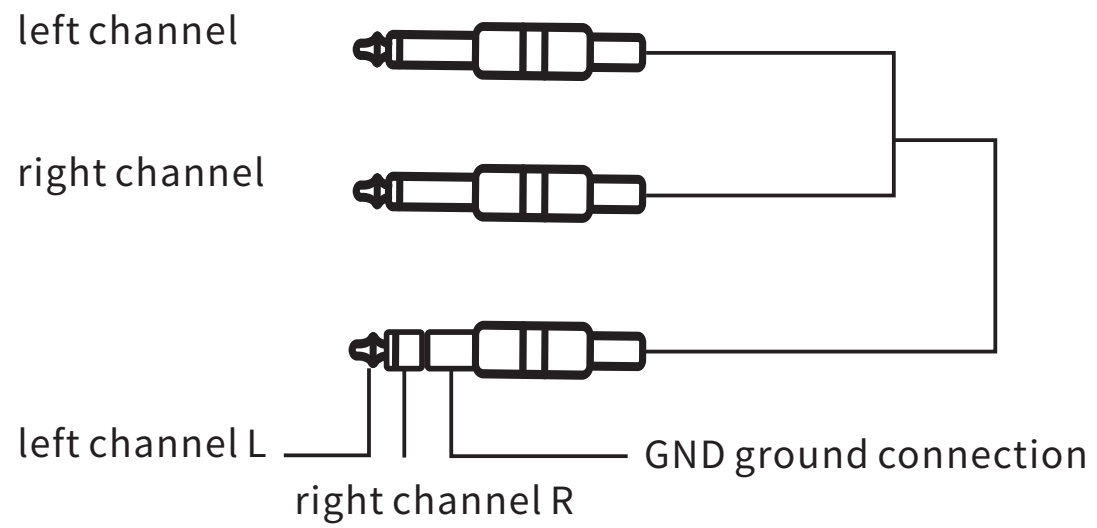
By connecting the device as shown in the diagram for mono setup. It requires a standard TS guitar signal cable:



1.2 Stereo Connection

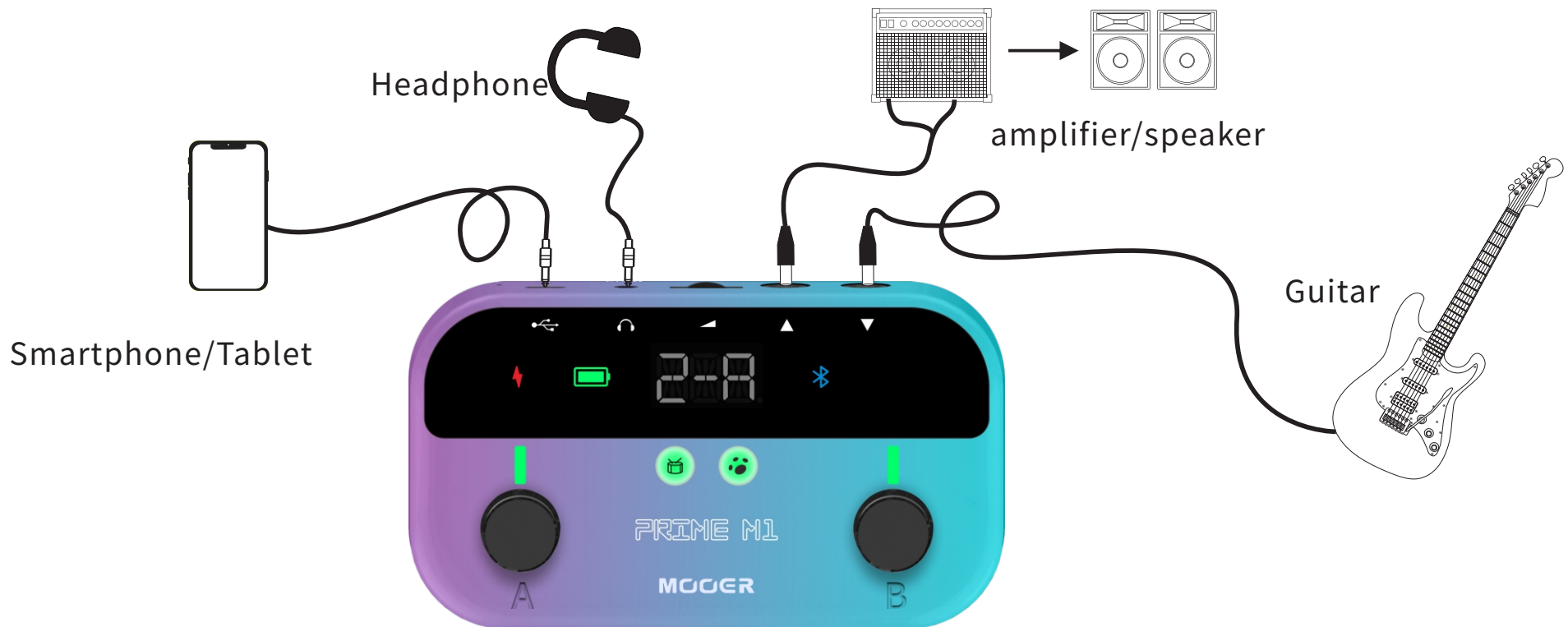
By connecting the device as shown in the diagram for stereo output setup. It requires a 1x TRS to 2x TS splitter cable.





1.3 OTG Recording Connection

The Prime M1 can connect to a tablet or smartphone via a USB cable for OTG recording. Depending on the USB port of the tablet or smartphone, an appropriate OTG adapter may be required. The OTG recording volume can be adjusted in the APP under Mixer > USB control, and you can monitor it via headphones or the Output from studio speakers.



2. Power On/Off

Press and hold the power button for 1 second to turn the device on or off.

3. Adjusting Output Volume

The M1 has an individual master volume control knob (Master), which adjusts the master volume level. This affects both the headphones and Output but does not affect the USB-OTG recording volume.



4. Selecting Preset Tones

The M1 offers 40 preset tone slots in banks 0-9. With four patches (A/B/C/D) per bank. Use the A or B footswitch to cycle through the presets. Pressing the A footswitch to go through the presets from 9-D to 0-A, while pressing the B footswitch to go back from 0-A to 9-D.

5. Editing Tones

The M1 allows deep editing of effect tones via the Prime APP and it is compatible to MOOER Cloud for use. You can download the PRIME APP from the App Store, Play Store, or the MOOER official website. After the installation completes, open the App, select M1 and complete the pairing for use.



Note:

- Make sure your phone or tablet's Bluetooth is turned on when using the app.
- Ensure a stable network connection when uploading or downloading tones from the cloud.

6. Tap

Power on the M1, press and hold footswitch B to enter the TAP mode, the footswitch LED will start to blink. Press the footswitch B for more than twice to set up a time for delay effect. Press footswitch A to quit.

7. Tuner

While the device is powered on, press the power button to enter the tuner mode. Press any button or footswitch again to exit the tuner mode. Open the App, you can find the tuner under Tools > Tuner, you can set the reference frequency and mute the output signal. The tuner display shows as follows:



Flat pitch



Sharp pitch



Half-step up



In tune

8. Drum Machine

M1 includes 40 different drum grooves and 10 metronomes for practice and entertainment.

- **Turning the Drum Machine On/Off:** Press the drum machine button to turn it on, and press and hold the button for 1 second to turn it off.
- **Adjusting BPM:** Once the drum machine is activated, press the drum machine button more than once to set the tempo manually.
- **Drum/Metronome Selection:** Press the drum machine button and the power button simultaneously to enter drum kit selection mode. The screen will display the number of drum groove, and you can use the A and B footswitches to select the drum kit. Once selected, press the drum machine button again to exit.
- **Adjust Drum Machine Volume:** This can be set via the Prime APP.

9. Looper

Press and hold both the A and B footswitches for 300ms to enter looper mode. Press and hold the footswitch again to exit and return to preset control mode.

- **Recording:** Press the A footswitch (the footswitch light will flash slowly) to enter recording standby. The M1 will automatically start recording when the first note is detected. During recording, the footswitch light flashes quickly, and the screen will show a recording progress indicator.



- **Playback:** While in recording or paused state, press the A footswitch to play the recorded audio from the beginning. The footswitch light will stay on, and the screen will show a playback progress indicator.



- **Overdub:** While playing back, press the A footswitch to start overdubbing from the current position (the footswitch light will flash quickly), and the screen will show a recording progress indicator until overdubbing is stopped by pressing the A footswitch to return to playback or pause.
- **Pause:** During recording, playback, or overdubbing, pressing the B footswitch will pause the process. The footswitch light will remain on, and the screen will stop and flash the progress indicator.
- **Deleting:** Press and hold the footswitch B to delete the recorded file (both footswitch lights will turn off), and the screen will display "LP."
- **Drum Machine Sync Mode**
The drum machine can be set to sync with the looper through the APP under Tools > Drum Machine.

Sync Off: Looper and drum machine work separately, and the looper uses Auto Recording, meaning it starts recording when the input signal exceeds the default threshold.

Sync On: Press the footswitch A will have count-in before start recording automatically, while the drum machine plays simultaneously. When the looper pauses or resumes playback, the drum machine will also pause or resume.

10. Bluetooth Audio Playback

The M1 supports Bluetooth audio playback. You can search for "Prime M1" on your phone/tablet Bluetooth menu, then connect to it.

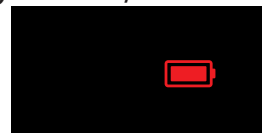
Then you can play the audio track from your mobile device through the M1.

11. Reset

If the M1 malfunctions and cannot operate normally, insert a needle object into the reset hole and press to restart the device.

12. Power Management

- **Battery Level Indicator:** The M1's battery status can be determined by the battery indicator light on the panel. If the red light flashes and the screen display and A/B footswitch lights flash as well, it indicates that charging is required immediately.



- **Charging Indicator:** The M1 charges via the USB port. The charging indicator light will turn red when charging, and green when fully charged.



EFFECT LIST

OD

Num	Name	Descriptions
1	Pure Boost	Based on MOOER Pure Boost
2	Flex Boost	Based on MOOER Flex Boost
3	Tube DR	Based on BK.Butler Tube driver
4	808	Based on Ibanez TS808 overdrive
5	Gold Clon	Based on Klon Centaur Gold overdrive
6	D-Drive	Based on Barber Direct Drive overdrive
7	Jimmy OD	Based on Paul Cochrane Timmy OD overdrive
8	Full DR	Based on Fulltone Fulldrive 2 overdrive
9	Beebee Pre	Based on Xotic BB Preamp distortion
10	Beebee+	Based on Xotic BB Plus distortion
11	Black Rat	Based on Proco Rat distortion
12	Grey Faze	Based on Dunlop Fuzz Face

Num	Name	Descriptions
13	Muffy	Based on EH Big Muff fuzz
14	Full DS	Based on Fulltone GT-500 distortion
15	Shred	Based on Marshall Shred Master distortion
16	Riet	Based on Suhr Riot distortion
17	MTL Zone	Based on Boss Metal Zone distortion
18	MTL Master	Based on Digitech Metal Master distortion
19	Obsessive Dist	Based on Fulltone OCD distortion

AMP

Num	Name	Descriptions
1	65 US DLX	Based on Fender65 Deluxe Reverb preamp
2	65 US TW	Based on Fender65 Twin Reverb preamp
3	59 US Bass	Based on Fender 59 Bassman preamp
4	US Sonic	Based on Fender Super Sonic preamp
5	US Blue CL	Based on Fender Blues Deluxe clean channel
6	US Blue OD	Based on Fender Blues Deluxe overdrive channel
7	E 650 CL	Based on EnglE650 clean channel
8	Powerbell CL	Based on Engl E645 clean channel
9	Blacknight CL	Based on Engl E650 Blackmore Signature clean channel
10	Mark III CL	Based on Mesa Boogie Mark I clean channel
11	MarkV CL	Based on Mesa Boogie MarkV clean channel
12	Tri Rec CL	Based on Mesa Boogie Triple Rectifier clean channel
13	Rockvrb CL	Based on Orange Rockverb clean channel
14	Dr Zee 18 JR	Based on Dr.Z MAZ18 Jr preamp
15	Dr Zee Reck	Based on DrZZ-Wreck preamp

AMP

Num	Name	Descriptions
16	Jet 100H CL	Based on Jet City JCA100H clean channel
17	Jazz 120	Based on Roland JC120 preamp
18	UK 30 CL	Based on VoxAC30 clean setup
19	UK 30 OD	Based on Vox AC30 overdrive setup
20	HWT 103	Based on Hiwatt DR-103 preamp
21	PV5050 CL	Based on Peavey5150 clean channel
22	Regal Tone CL	Based on Tone King Falcon Rhythm channel
23	Regal Tone OD1	Based on Tone King Falcon Tweed channel
24	Carol CL	Based on Two Rock Coral clean channel
25	Cardeff	Based on Two Rock Cardiff preamp
26	EV 5050 CL	Based on EVH 5150 clean channel
27	HT Club CL	Based on Blackstar HT Stage100 clean channel
28	Hugen CL	Based on Diezel Hagen clean channel
29	Koche OD	Based on Koch Powertone overdrive channel
30	J800	Based on Marshall JCM800 preamp

AMP

Num	Name	Descriptions
31	J900	Based on Marshall JCM900 preamp
32	PLX 100	Based on Marshall Plexi 100 preamp
33	E650 DS	Based on Engl E650 distortion channel
34	Powerbell DS	Based on Engl E645 distortion channel
35	Blacknight DS	Based on Engl 650 Blackmore Signature distortion channel
36	Mark III DS	Based on Mesa Boogie Mark II distortion channel
37	Mark V DS	Based on Mesa Boogie MarkV distortion channel
38	Tri Rec DS	Based on Mesa Boogie Triple Rectifier distortion channel
39	Rockvrb DS	Based on Orange Rockverb distortion channel
40	Citrus 30	Based on OrangeAD30 preamp
41	Citrus 50	Based on OrangeAD50 preamp
42	Slow 100 CR	Based on Soldano SLO 100 Crunch channel
43	Slow 100 DS	Based on Soldano SLO100 distortion channel
44	Jet 100H OD	Based on Jet City JCA100 H overdrive channel
45	PV 5050 DS	Based on Peavey 5150 distortion channel

AMP

Num	Name	Descriptions
46	Regal Tone OD2	Based on Tone King Falcon Lead channel
47	Carol OD	Based on Two Rock Coral overdrive channel
48	EV 5050 DS	Based on EVH5150 distortion channel
49	HT Club DS	Based on Blackstar HT Stage100 distortion channel
50	Hugen OD	Based on Diezel Hagen overdrive channel
51	Hugen DS	Based on Diezel Hagen distortion channel
52	Koche DS	Based on Koch Powertone distortion channel
53	Ampog 2OD	Based on Overdrive pedal + Ampeg SVT preamp simulation
54	Ampog B18 CL	Based on Ampeg B18 CL preamp simulation
55	Ampog SVT 4	Based on Ampeg SVT4 Pro preamp simulation
56	Ampog SVT VALVE	Based on Ampeg SVT7 Pro preamp simulation
57	Mvrkbass 500	Based on Markbass R 500 preamp simulation
58	Mvrkbass 501	Based on Markbass TA501 preamp simulation
59	Akuila 750 CL	Based on Aguilar DB751 Low Gain channel simulation
60	Akuila 750 DS	Based on Aguilar DB751High Gain channel simulation

AMP

Num	Name	Descriptions
61	Akuila 751	Based on Aguilar DB751 OD channel simulation
62	BASSER CRUNCH	Based on Dark Glass B7K bass preamp simulation

CAB

Num	Name	Descriptions
1	Regal Tone 110	Based on Tone King Falcon 110 cabinet
2	US DLX 112	Based on Fender Deluxe Reverb 112 cabinet
3	Sonic 112	Based on Fender Super Sonic 112 cabinet
4	Blues 112	Based on Fender Blues Deluxe 112 cabinet
5	Mark 112	Based on Mesa Boogie Mark 112 cabinet
6	Dr Zee 112	Based on DrZ Maz 112 cabinet
7	Cardeff 112	Based on Two Rock 112 cabinet
8	US TW 212	Based on Fender Twin Reverb 212 cabinet
9	Citrus 212	Based on OrangePC 212 cabinet
10	Dr Zee 212	Based on DrZ Z-Wreck 212 cabinet
11	Jazz 212	Based on Roland JC120 212 cabinet
12	UK 212	Based on Vox AC30 212 cabinet
13	Tow Stones 212	Based on Two Rock 212 cabinet
14	US Bass 410	Based on Fender Bassman 410 cabinet
15	1960 412	Based on Marshall 1960 A 412 cabinet

CAB

Num	Name	Descriptions
16	Eagle P412	Based on Engl Pro XXL 412 cabinet
17	Eagle S412	Based on Engl Vintage XXL 412 cabinet
18	Rec 412	Based on Mesa Boogie Rectifier 412 cabinet
19	Citrus 412	Based on Orange PC 412 cabinet
20	Slow 412	Based on Soldano SLO 412 cabinet
21	HWT 412	Based on HiwattAP 412 cabinet
22	PV 5050 412	Based on Peavey5150 412 cabinet
23	EV 5050 412	Based on EVH 5150 412 cabinet
24	HT 412	Based on Blackstar HTV 412 cabinet
25	Diesel 412	Based on Diezel Hagen 412 cabinet
26	SV810 U47	Based on Ampeg SVT-810E Neumann U47 cabinet simulation
27	SV810 121	Based on Ampeg SVT-810E Royer R-121 cabinet simulation
28	SV810 7B	Based on Ampeg SVT-810E and Shure SM7B cabinet simulation
29	HK U47	Based on Hartke 45XL and Neumann U47 cabinet simulation
30	HK 7B	Based on Hartke 45XL and Shure SM7B cabinet simulation

CAB

Num	Name	Descriptions
31	HK 121	Based on Hartke 45XL and Royer R-121 cabinet simulation
32	HK 421	Based on Hartke 45XL and Sennheiser MD421 cabinet simulation
33	Akuila U47	Based on Aguilar DB115 and Neumann U47 cabinet simulation
34	Akuila 7B	Based on Aguilar DB115 and Shure SM7B cabinet simulation
35	Akuila 121	Based on Aguilar DB115 and Royer R-121 cabinet simulation

DYNA

Num	Name	Descriptions
1	NG	Based on MOOER Nosie Killer
2	Comp	Based on MOOER Blue Comp
3	Touch Wah	Based on MOOER Envelope
4	Auto Wah	Based on MOOER @WAH

MOD

Num	Name	Descriptions
1	Phaser	Liquid phaser
2	Step Phaser	Based on Square wave phaser
3	Flanger	Classic flanger effect
4	Jet Flanger	Based on the Jet-like Flanger
5	Tremlo	Tremolo effect with periodically changing volume level
6	Stutter	Stutter effect with periodically changing volume level
7	Vibrato	Vibrato effect with periodically changing pitch
8	Pitch Shift	Effect for changing the pitch
9	Rotary	Rotary effect
10	Ana Chorus	Classic warm analog like delay
11	Tri Chorus	Multi-voice modern chorus
12	Ring	Can produce the ring like tone
13	Q-Filter	Static notch filter
14	Lofi	Low-rate sampling filter
15	Slow Gear	Auto volume swell

DELAY

Num	Name	Descriptions
1	Digital	Clear and precise digital delay effect
2	Analog	Classic warm analog like delay
3	Real Echo	Real space like delay effect
4	Tape	Vintage tape delay effect
5	Mod	Delay with modulation effect
6	Reverse	Delay with reversed signal

REVERB

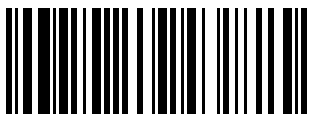
Num	Name	Descriptions
1	Room	Small room reverb
2	Hall	Concert Hall reverb
3	Plate	Studio style plate reverb
4	Spring	Vintage spring reverb tank
5	Mod	Reverb with modulation effect

EQ

Num	Name	Descriptions
1	3 Bands EQ	Simple amp style 3-band EQ (Adjust range
2	5 Bands EQ	Simple amp style 5-band EQ
3	Bass EQ	5-band EQ for Bass (Adjust range of ± 16 dB)

SPECIFICATIONS

Input:	6.35mm mono input jack (impedance value 2M Ω)
Output:	TRS 6.35mm stereo output jack (impedance value 100 Ω)
Headphone Output:	3.5mm stereo output jack(impedance value 32 Ω)
USB:	USB-C, for charging or OTG recording
Bluetooth:	5.0
Battery Capacity:	2000mAh
Battery Duration:	5 hours
Charging Time:	2.5 hours
Power Requirements:	DC 5V/2A, please use USB-C to USB-A cable for charging.
Impulse Response (IR)	
Format:	WAV
Sampling Rate:	44.1k (supports full sampling rate IR files)
Sampling Accuracy:	24bit
Sample Points:	512pts
Operating Temperature:	0 $^{\circ}$ C~60 $^{\circ}$ C
Weight:	190g
Dimensions:	120 (D) x 70.2 (W) x 31.9 (H)mm
Accessories:	Quick Guide, USB Cable



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