FX10 user manual

Portable Modeling Headphone Amps

1. Features

- 14 different amp models with automatic save function
- 14 built-in effects with parameter adjustment
- 5 levels of TONE color
- 28 different drum groove options to select from
- Compatible with Bluetooth for audio playback
- Supports USB AUDIO recording and audio playback

Layout

1. 1/4" instrument input jack. Connect to the output of the guitar.

2. Volume control: Rotate to adjust the volume level of the guitar and drum machine.

3. Three-way Power Switch. OFF: Power off. ON: Power on (Bluetooth off). BT ON: Bluetooth on. The power indicator will show current power status.

4. AMP button: Press to select AMP module (preset patch), then press the -/+ buttons to select between 14 different amp models. The color of LED indicator will show currently selected amp model.

5. TONE button: Press to select TONE module. Press -/+ buttons to switch between 5 different tone colors.

6. EFX button
a. Press to select EFFECT module. Press the -/+ buttons to switch between different effects
b. When the EFFECT module is selected, press the EFX button to bypass effect.
c. When the EFFECT module is selected, press and hold the EFX button to enter hidden mode.

7. DRUM button
a. Press DRUM to turn on the drum machine. You can press and hold DRUM to turn off the drum machine. The LED indicator will show the On/Off status of the drum machine.
b. When drum machine is on, press DRUM to switch between three parameter adjustment modes. The color of the LED indicator will show current select mode: RED for drum groove, GREEN for volume level of drum machine, BLUE for speed of drum machine. You can adjust those parameters via -/+ button.

8. -/+ button: Adjust currently selected modules (AMP/TONE/EFX/DRUM).

9. 1/8" TRS headphone jack, connect to headphone device.

10. USB-C port for charging and OTG function (support USB audio recording and playback).

2. Instructions

1. Start

Toggle the power switch to the ON position. The power indictor will illuminate and turn blue for when power is on. You can toggle the switch to Bluetooth icon to turn on Bluetooth Audio function.

2. Tone/Effect Adjustment

a. Select amp model: Press AMP to select AMP module (preset patch), then press the -/+ buttons to select between 14 different amp models. The color of LED indicator will show currently selected amp model.

b. Adjust tone color: Press TONE to select TONE module, then press -/+ buttons to switch between 5 different tone colors.

c. Select EFX: Press EFX to select EFFECT module, then press the -/+ buttons to switch between different effects

d. EFX adjustment: Each effect in the EFFECT module has a hidden parameter adjustment mode and the selected effect can be adjusted between 10 different levels. When EFFECT module is selected, press and hold EFX to enter hidden parameter adjustment mode, then press the -/+ buttons to adjust it. The color of LED indicator will show currently selected level.

BUTTON	−					+				
COLOR	🔴	🟡	🔵	🟢	🔵	🔵	🟢	🔵	🟡	🔴
VALUE	1	2	3	4	5	6	7	8	9	10

e. Bypass EFFECT: When the EFFECT module is selected (LED indicator is on), press the EFX button to bypass EFFECT module.

f. Saving: When the parameter adjustment is complete, current tone will be saved into the currently selected AMP module as a preset patch, which includes AMP type, TONE color, EFX On/Off, EFX type, and EFX hidden parameter.

Note: When a module (AMP/TONE/EFX) is selected, the corresponding LED indictor will illuminate completely, otherwise it will illuminate in half brightness.

3. Drum Machine

a. Press DRUM to turn on the drum machine. You can press and hold the DRUM to turn off the drum machine, the LED indicator will show the On/Off status of drum machine.

b. Select drum groove

FX10 has 28 different drum grooves. When drum machine is on, press the DRUM to switch between three parameter adjustment modes. The color of the LED indicator will show the currently selected mode. RED indicates drum groove. Please refer to the groove list in the next session for use.
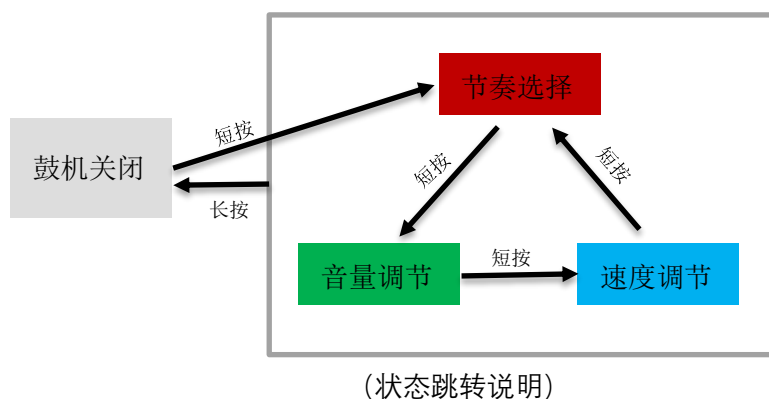
c. Adjust volume level of drum machine

When the DRUM is selected, press DRUM several times to enter volume level adjustment mode (LED indicator illuminate as GREEN). You can press the -/+ buttons to adjust the volume level of drum machine. Please refer to the color of LED indicator for adjustment.

BUTTON	—					+				
COLOR	🔴	🟡	🔵	🟢	🔵	🔵	🟢	🔵	🟡	🔴
VALUE	1	2	3	4	5	6	7	8	9	10

d. Adjust drum machine speed

When the DRUM is selected, press the DRUM for several times to enter speed adjustment mode (LED indicator will blink as BLUE). Press -/+ button to adjust the speed via 1 BPM each time. Press and hold -/+ to increase or decrease the speed quickly. The speed of drum machine ranges from 40 BPM to 260 BPM.

（状态跳转说明）

鼓机关闭：Drum Machine Off
节奏选择：Select Drum Groove
音量调节：Adjust volume level
速度调节：Adjust speed
短按：Press
长按：Press and hold
状态跳转说明：Drum machine operation diagram

4. Effect List

a、AMP：

Number	LED Color	Reference
1	🔴	Fender® 65 Twin Reverb
2	🟢	Fender® 65 Deluxe Reverb
3	🔵	Acoustic guitar simulation
4	🟡	Fender® Super Sonic
5	🟣	Fender® 59 Bassman
6	🔵	DR.Z® Z-Wreck
7	⚪	Marshall® JCM800
8	🟣	Marshall® Plexi
9	⚪	VOX® AC30
10	🔵	ENGL® Powerball
11	🔴	Mesa Boogie® Mark V
12	🟣	Orange® AD 30
13	🟢	Soldano® SLO 100
14	⚪	EVH® 5150 Ⅲ

*NOTES: All product names belong to their owners and are only used in this product and manual as a reference to tone types.

b、Tone

Number	LED Color	Descriptions
1	🔴	Darker 更暗
2	🟡	dark 暗
3	⚪	Straightness 平直
4	🟢	Bright 明亮
5	🔵	Brighter 更亮

c、EFX

Number	LED Color	Descriptions	Hidden Parameters
1	🔴	房间混响 Room Reverb	混响音量 Reverb Level
2	🟢	大厅混响 Hall Reverb	混响音量 Reverb Level
3	🔵	教堂混响 Church Reverb	混响音量 Reverb Level
4	🟡	板式混响 Plate Reverb	混响音量 Reverb Level
5	🟣	弹簧混响 Spring Reverb	混响音量 Reverb Level
6	🔵	调制混响 Mod Reverb	混响音量 Reverb Level
7	⚪	回声延迟 Slapback Delay	延迟音量 Delay Level
8	🟣	磁带延迟+大厅混响 Tape Dly+Hall	延迟音量 Delay Level
9	⚪	反向延迟+调制混响 Reverse Dly+ModReverb	延迟时间 Delay Time
10	🔵	乒乓延迟+教堂混响 PingPong Dly+Church	延迟时间 Delay Time
11	🔴	合唱+大厅混响 Chorus+Hall	调制深度 Mod Depth
12	🟣	移相+教堂混响 Phaser+Church	调制深度 Mod Depth
13	🟢	镶边+板式混响 Flanger+Plate	调制速率 Mod Rate
14	⚪	震音+调制混响 Tremolo+ModReverb	调制速率 Mod Rate

d、Drum machine rhythm list

项目 Number	LED 颜色 LED Color	节奏名称 Groove	拍号 Rhythm
1	− 🔴	POP 1	4/4
2	− 🟢	POP 2	4/4
3	− 🔵	POP 3	4/4
4	− 🟡	POP 4	6/8
5	− 🟣	POP 5	3/4
6	− 🔵	BLUES 1	4/4
7	− ⚪	BLUES 2	4/4
8	− 🟣	BLUES 3	4/4
9	− ⚪	BLUES 4	6/8
10	− 🔵	BLUES 5	6/8
11	− 🔴	PUNK 1	4/4
12	− 🟣	PUNK 2	4/4
13	− 🟢	PUNK 3	6/8
14	− ⚪	ROCK 1	4/4
15	+ 🔴	ROCK 2	4/4
16	+ 🟢	ROCK 3	6/8
17	+ 🔵	ROCK 4	6/8
18	+ 🟡	METAL 1	4/4
19	+ 🟣	METAL 2	4/4
20	+ 🔵	METAL 3	4/4

21	+ ⬤	METAL 4	6/8
22	+ ⬤	FUNK 1	4/4
23	+ ⬤	FUNK 2	4/4
24	+ ⬤	FUNK 3	4/4
25	+ ⬤	FUNK 4	4/4
26	+ ⬤	JAZZ 1	4/4
27	+ ⬤	JAZZ 2	4/4
28	+ ⬤	JAZZ 3	3/4

4. Blue Audio

FX10 supports Bluetooth which allows connecting to an external Bluetooth device for practice or performance. Below is the setup procedure:

- Toggle the power switch to BT ON to turn on Bluetooth module.
- Open the Bluetooth menu of your smart device and select pair new device
- Find the "FX10"
- Confirm connection
- After pairing is complete, you can hear the audio tracks from the external Bluetooth device.

Notes: To adjust the volume level of the playback tracks, please adjust it on your external Bluetooth device. The volume level knob of FX10 can only control the volume level of guitar signal and drum machine.

5、OTG(USB AUDIO)

5. OTG (USB AUDIO) Recording/Playback

The USB port of the FX10 supports USB AUDIO function. You can use the USB cable that comes with the device and connect to the OTG cable (needs to be purchased separately) with your smart phone for recording or audio playback.

Notes:

- *The USB AUDIO function is for audio recording or playback on mobile device for practice or directly recording on social media. However, it cannot take the place of professional audio interface. If you would like to use the FX10 with the DAW on your Window device, a third-party ASIO driver is needed. It might be an*

incompatibility issue or driver issue during use.

- *To adjust the volume level of the playback tracks, please adjust it on your mobile device. The volume level knob of FX10 can only control the volume level of guitar signal and drum machine.*

6. Battery and Charging

When the battery is low, the power LED indicator will start to blink in blue, the battery will be run out in 30 minutes. Recommend to charge your device in time.

When the FX10 is Off for charging, the power indicator will illuminate and stay RED and turn GREEN when charging is complete. When the FX10 is charging, the power LED indicator will blink in BLUE and RED. then turn to GREEN and BLUE when charging is complete.

Specifications

Number of AMP models: 14
Number of EFFECT modules: 14
Number of DRUM groove: 28
Bluetooth function: Audio playback
USB: USB-C port charging/OTG (USB audio)
Battery Capacity: 720mAh
Battery Life: Up to 4 hours
Charging Requirements: 5V 1A
Charging Time: Approximate 2.5 hours
Angle of Plugin Jack: 270°
Dimensions: 82mm (D) * 40mm (W) * 30mm (H)
Weight: 59g
Accessories: Quick guide, USB-C cable

This equipment has been tested and found to comply with the limits for a 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 to 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement.