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CUBE−BABY

2ARCP Bluetooth Receiver

CUBE-BABY 2ARCP Bluetooth Receiver User Manual

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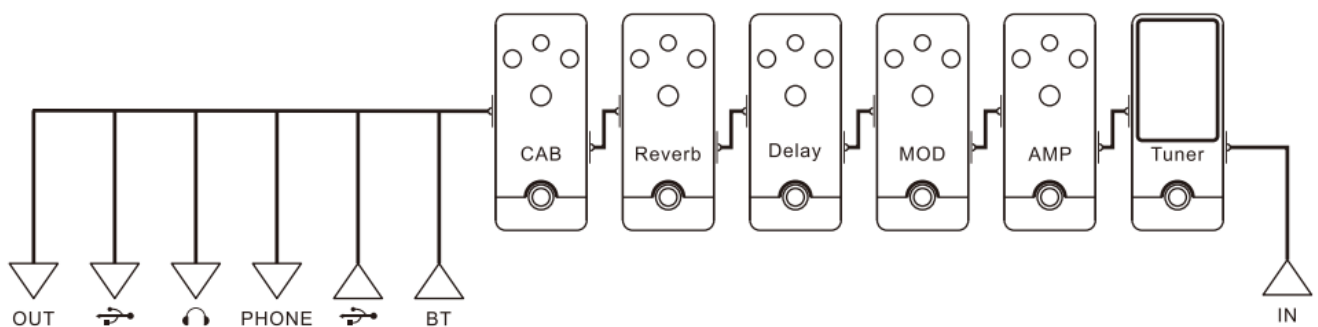**CUBE-BABY 2ARCP Bluetooth Receiver User Manual**

CUBE BABY is a kind of portable and multifunctional bass guitar effect. It presets three sets of original tones from the factory, the users can edit the tones and save them, and the method of operation is simple and intuitive. This effect has a built-in battery, which solves the problem of long-distance power supply. CUBE BABY contains 9 classic IR, two effects of nodulation (chorus, phase shift), one tape delay, one reverb effect, eight classic IR box models, and a high precision audio radiance. Besides, CUBE BABY is also equipped with a recording function on mobile phones, wireless music playback, and an audio interface. It integrates a variety of effects and functions in one, small size, good performance, portable, and excellent sound! It could be a good partner for your guitar.
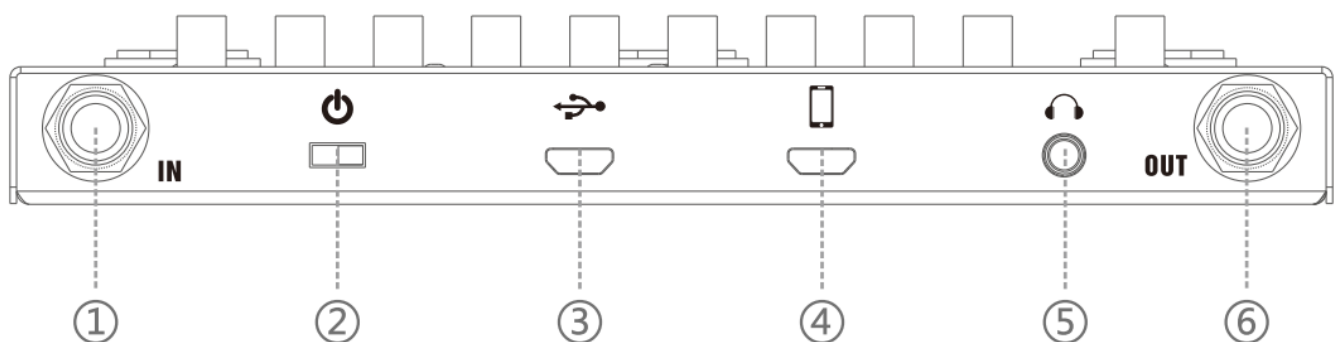
The power supply

- It is equipped with a built-in battery for power supply, which can last for 6 hours after a full charge.
- It can be directly used to power the device by mobile phone charging power supply or charging treasure. It supports charging/electricity simultaneously.
- The charging time depends on the output power of the charging transformer. For example, the charging head with an output power of dc5.0v / 2.0A can be fully charged within 2 hours when the built-in battery is exhausted.

Effects module link

Tuner → Pre-Amp → Modulation effect → Delay effect → Reverb effect → IR CAB
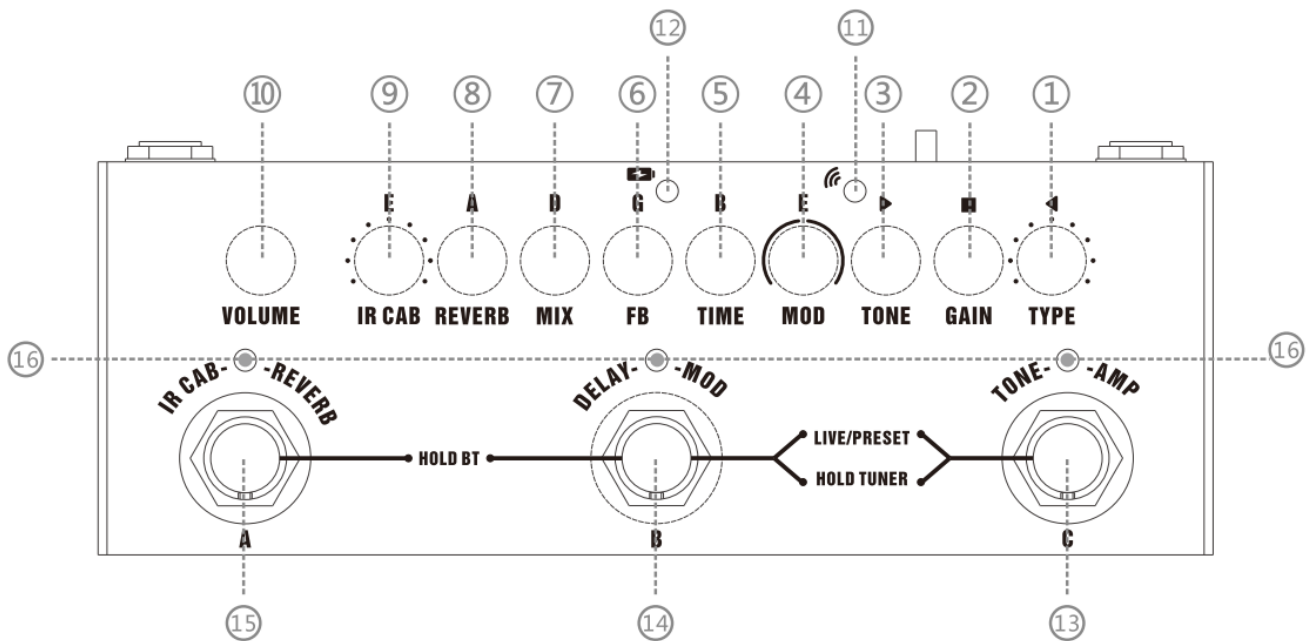

Rear panel

- DIN: Used to connect signal input of guitar.
- Power switch
- BUSB port: Used to charge, built-in USB audio interface function. It can be connected to the computer for recording playback, support computer software import third-party IR CAB.
- Mobile phone port: Used for recording and playback of mobile phones.
- Headphone output: Connect to the listening headphone.

- OUT: Mono output, connected to a speaker or mixer.

Front panel

1. TYPE: Select a different type of tone
2. GAIN: Distortion gain knob
3. STONE: Tone Brightness Knob
4. MOD: PHASER/CHORUS effect knob
5. STIME: Delay time button
6. OFB: Feedback knob
7. MIX: Dry and wet ratio knob
8. REVERB: Reverb knob
9. IR CAB: Box simulation
10. VOLUME: Output volume knob
11. Wireless accompaniment light
12. Wireless music playback light
13. Charging light
14. C function foot switch
15. B function foot switch
16. A function foot switch

Effect module

IR NAME	Tone type	Gear	
US GOLD 50 B	surd	1	**● GAIN knob:** Select box tone, specific model please refer to Follow the list on the right.
UK Gold Clean	surd	2	
Cali-MK 3 Clean	overload	3	
Power-Zone Dist	overload	4	**● TGAIN knob:** Adjust distortion.
Power-Zone Clean	overload	5	MOD module
US Gold 100 Clean	distortion	6	
Cali JP A	distortion	7	**● TONE knob:** Adjust the brightness of the tone.
Cali JP B	distortion	8	
Gas Station Clean	distortion	9	

AMP IR timbre module
TYPE knob: select the TYPE of IR. Please refer to the following list for specific TYPE.

DELAY module

- TIME Knob: Control the delay time.

- FB Knob: Control feedback size.

- MIX Knob: Adjust the wet/dry ratio, and turn the MIX knob to the far left to turn off delay, the knob indicator

  lights off.

REVERB module
REVERB Knob: Turn to the far left to turn off, at which point the knob light goes out. The amount of reverb to the right gradually increases. The REVERB knob light goes out when the REVERB module is turned off.
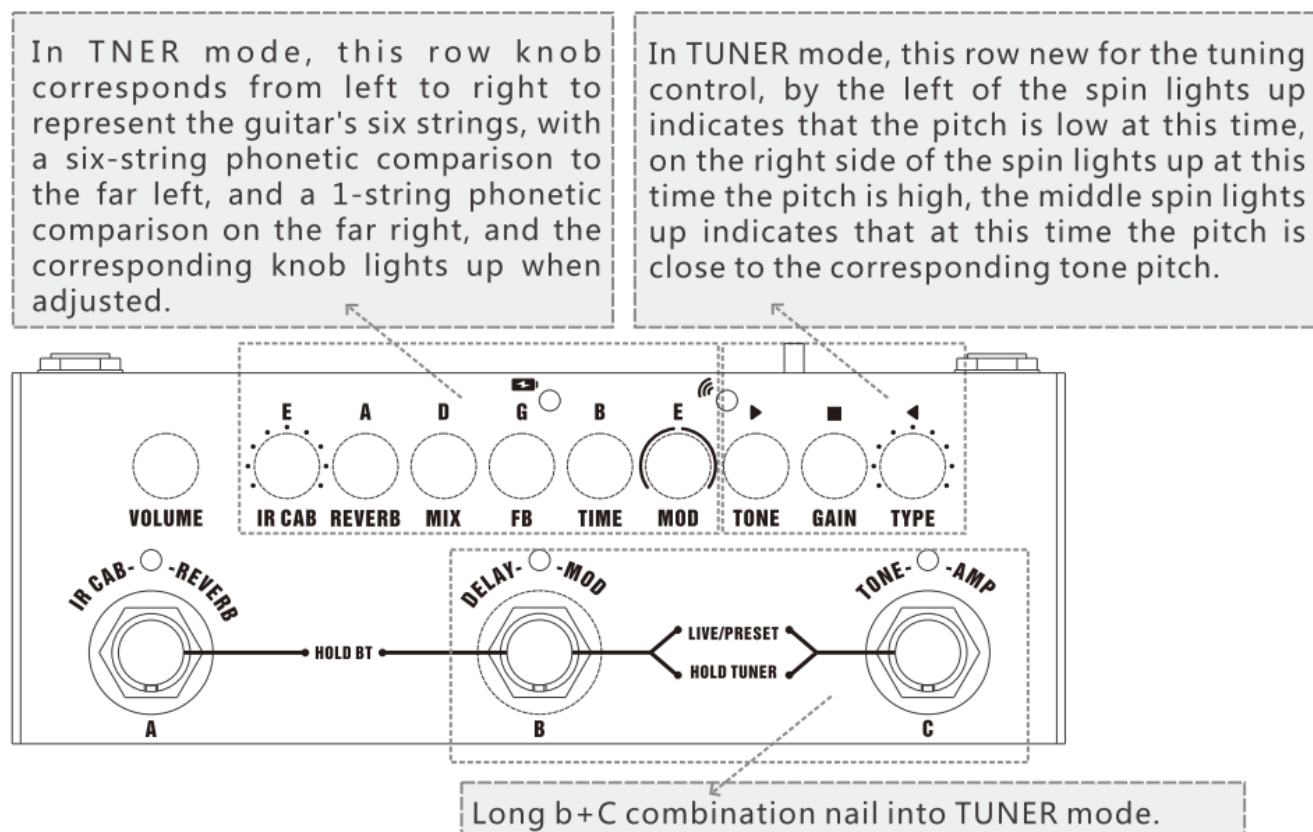
IR module
IR CAB knob: A total of 9 gears, the first gear is closed, 2 to 9 gears are 8 different sizes of the box, the following table is the factory preset box.

The body name	Box specifications	The gear
Closed box mold		1
Fender Pro Princeton	1X12	2
Fender Pro Princeton II	1X12	3
Fender Pro Junioor	1X10	4
GH Dual Rectifier	4X12	5
Line 6 Vetta	1X10	6
Soldano	2x12	7
Recabinet Mesa Boogie Standard	4X12	8
Marshall 1960A & 1960B	2x12	9

CUBE BABY allows users to load third-party IR, using the USB cable that comes with the product to import third-party IR box simulation files via the manufacturer's free software cube- suite online computer. Users can import IR files that cover the original factory for the loading location of the list above. When the original IR documents are covered and replaced, they cannot be recalled, please be careful before doing so.

TUNER Module

CUBE BABY contains a highly sensitive tuner, which is used as follows; Long step combination foot nail "B+C" into TUNER tuning mode, the tuning meter using the parameter knob light on the host panel to display the tuning of the tone and instant pitch, please see the illustration: After tuning, press any pin to exit TUNER mode.

In TNER mode, this row knob corresponds from left to right to represent the guitar's six strings, with a six-string phonetic comparison to the far left, and a 1-string phonetic comparison on the far right, and the corresponding knob lights up when adjusted.

In TUNER mode, this row new for the tuning control, by the left of the spin lights up indicates that the pitch is low at this time, on the right side of the spin lights up at this time the pitch is high, the middle spin lights up indicates that at this time the pitch is close to the corresponding tone pitch.

Long b+C combination nail into TUNER mode.

Wireless accompaniment input function
CUBE BABY includes wireless music playback, which allows users to play accompaniment during practice or performance, and long-term stepping on the combination of "A+B" to turn on successfully, the light lights up blue. Press the "A+B" pin again until the light goes out to exit this function.

Mobile recording function

CUBE BABY includes high-quality phone recording capabilities that connect the device's phone socket to your phone/tablet via a random internal recording dedicated cable, and enable high-quality recording using your phone/tablet recording software.

LIVE/PRESET Mode
CUBE BABY has two modes of operation, LIVE for real-time editing mode and PRESET mode. The initial power-on default enters PRESET mode, short press the combination nail "B+C" for LIVE PRESET mode switching.

LIVE Mode
In LIVE mode, the "A/B/C" function pin is responsible for turning the corresponding effect module on/off, and the corresponding function light is always on or off. In LIVE mode, the user can edit the tone effect chain and hold the pin for a long to save.

PRESET Mode

Sound position	Effect chain	Type
A Foot switch	Cali JP B +DELAY+REVEBR+IR CAB:Soldano 2X12	Distortion
B Foot switch	Power-Zone Dist+DELAY +REVEBR+IR CAB: Fender Pro Princeton II 1X12	Overload
C Foot switch	UK Gold Clean+CHORUS +DELAY +REVEBR+IR CAB:Fender Pro Junioor 1X10	Voiceless

1. this effect device for the user presets three classic tones for the factory tone;

2. In PRESET mode, use the A/B/C function to pin to select the factory tone or the user saves the tone.

3. Unlimited switching between preset three sets of tones, with the staple indicator for the selected tone flashing.

How to edit a tone

1. Power-on initialization; when the built-in battery is fully charged or the power supply USB cable is connected, please turn off the power switch. At this time, the parameter button turns on from left to right and then from right to left to self-test. After the host self-test is completed, the system defaults to the PRESET mode. The tone on the current A / B / C pedal becomes the factory tone.

2. Press the B and C pedals at the same time to switch to LIVE mode. Then, please check whether all the parameter buttons are turned off. Turn the VOLUME to the appropriate level, and the output volume should not be too high, which will avoid damage to the connected speaker equipment.

3. To start editing the tone, press the C foot switch to open the Become tone module, set the TYPE button to the 7th position (please refer to the Become data sheet for item 1 of question 4 in this guide), and select the distorted tone named Cali JP B. Next, turn the GAIN distortion gain button to the 3 o'clock position and select the brightness of the tone you want.

4. I set the TONE parameter to the noon position of the clock (the users can evaluate the distortion gain and tone brightness parameters that are needed).

5. Next, we step on the B foot switch to turn on the MOD and DELAY modules. Because I expected to adjust a relatively pure distortion SOLO tone, I did not consider the effect of using MOD. Please turn the MOD knob to the clock at noon. The MOD effect is turned off, and the knob indicator is turned off. Then turn the MIX button to turn on the DELAY effect. Turn the MIX knob to the 9 o'clock position, the FB knob to the 11 o'clock position, and the TIME button to the 2 o'clock position. I need this tone with sufficient delay effect so that I can play more smoothly with slower phrases.

6. Next, we will on the A pedal to turn on the REVERB and IR CAB modules. Please adjust REVERB to the 11 o'clock position to make this tone reflect more space. Then I moved the IR CAB knob to the seventh position, and I chose a Soldano 2X12 cabinet.

7. Next, we need to adjust the output volume of the edited tone. I set the VOLUME knob to the 1- point position of the clock. (it is recommended that you set the output volume value of the VOLUME knob according to your needs)

8. When it is determined that the tone has been edited and the output volume is adjusted, we can save the edited tone in the PRESET mode, so that we can call the edited tone at any time when playing. Please select the stud positions you want to store (this effect supports the storage of three tones, which, are the A / B / C stud positions in the preset mode). Here I choose the A stud positions and long A stepping on the nail, the prompt of A stepping on the foot switch will flash quickly, indicating that the tone is being stored until the flashing stops and the tone has been stored.

9. At this time, the tone that was just edited has been successfully stored in the PRESET mode, covering the tone preset by the factory in the A-stamp. We stepped on the B and C at the same time to switch from the LIVE

mode to the PRESET mode. Step on the A pedal to find the Cali JP B distortion solo sound you just saved.

Technical parameters

Input	Standard 1/4'' interface mono/TS
Output	Standard 1/4'' interface mono/TS
Sample rate	48K/24bit
Battery capacity	600mah
Size	162(D)X61(W)X23(H)mm
Weight	260g
Attachment	Instructions, charging data cables, internal cables

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 by 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 the receiver.
- Connect the equipment to 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.

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References

- **[User Manual](#)**