

# JuteJack-Guitar User's Guide

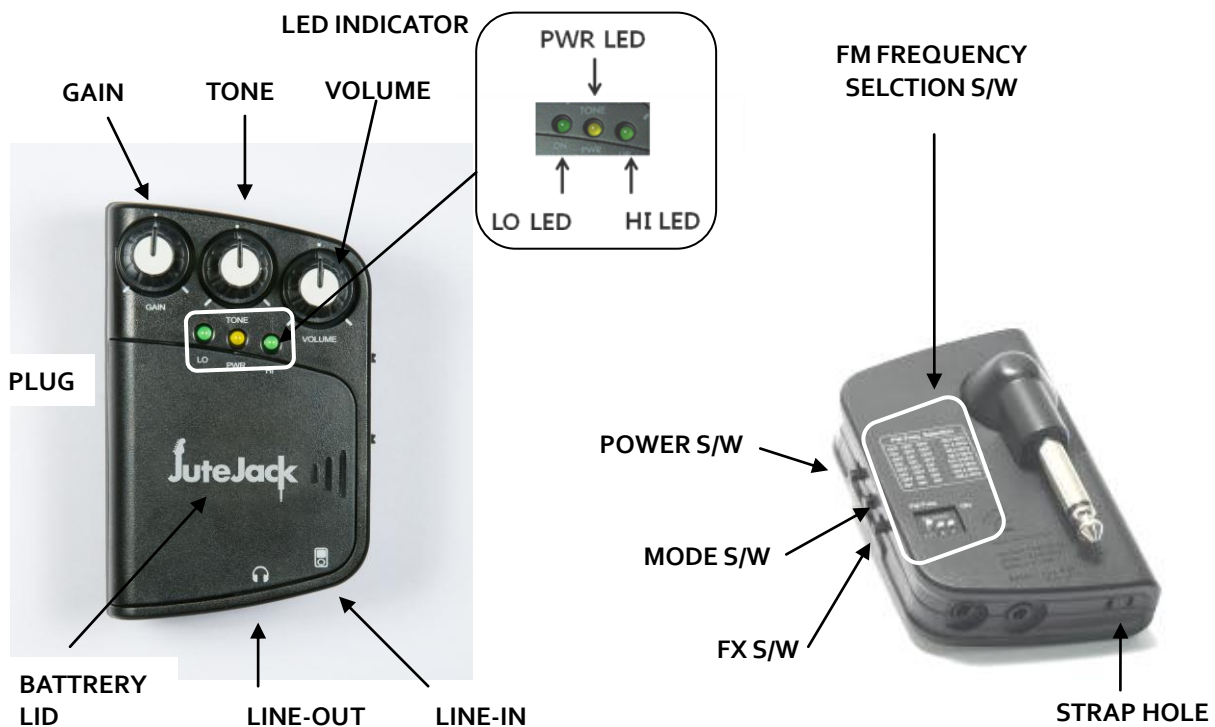
## Jute Jack-Guitar : Wireless(FM) Effector & Headphone Amplifier

Congratulations on purchasing JuteJack-Guitar, wireless (FM) effector & headphone amplifier. JuteJack-Guitar is specially designed product for electric guitarists, combines essential effects, amplifier and functions.

### FEATURES OF THE JuteJack-GUITAR

- Built-in tube-simulated strong Distortion, Reverb & Delay effects.
- Supports wireless guitar playing using FM Transmitter function
- Supports Pure Clean Tone.
- Built-in String Tuner
- Line-in: iPhone & iPod music & App., MP3, PMP, CDP inputs
- Line-out: Headphone out or line-out to the power amplifiers.

### USER INTERFACES OF THE JuteJack-GUITAR



**GAIN:** Gain control knob for distortion

**TONE:** Tone control knob

**VOLUME:** Volume control knob for headphone output

**POWER S/W:** Power on/off slide switch

**MODE S/W:** Push button switch to change distortion/clean tone, or operation mode

**FX S/W:** Reverb & delay on/off slide switch.

**LED INDICATOR:** Indicator to display the status of system, and tuning

**BATTERY LID:** Slide open for battery changing.




: Headphone output or line-out to external amplifier



: Line input for external sources (MP3, PMP, PC and etc) or FM antenna extension port

**FM FREQUENCY SELECTION S/W** (Back side): Choose FM transmission frequency by changing 3 DIP switches.

## USING THE HEADPHONE AMPLIFIER OF JuteJack-GUITAR

Before getting started, turn the knobs GAIN, TONE and VOLUME all the way down. Switch the POWER S/W to 'ON' then POWER LED illuminates, indicating that JuteJack is on and ready to start. Rotate PLUG until it points away from the body. Insert PLUG into guitar jack (Do not force the PLUG in). Plug headphones into  HEADPHONE jack and adjust GAIN, TONE, VOLUME, and FX S/W (Default effect of the JuteJack is 'Distortion').



### How to get Clean Tone:

To get a clean tone, please click the MODE S/W.

### Notice & Recommendation:

JuteJack-Guitar recommends user to use 32 Ohm impedance-headphone. If user use lower than 16 Ohm impedance-headphone or earpiece, adjust volume not to over mid gauge point. (Notice: High amplification ratio of JuteJack may cause permanent hearing damage) Lower than 16 Ohm impedance-headphone and earpiece increases noise level. If PWR LED blinks, it indicates Low Battery power. In the case, please replace batteries.

## USING THE FM WIRELESS OF JuteJack-GUITAR

If you plug out HEADPHONE plug from the  HEADPHONE jack, JuteJack turns to wireless FM mode. To select a FM frequency, set FM FREQUENCY SELECTION S/W. Please refer to the FM frequency table to select a station without interference (you hear static). For example, if SW#1, SW#2, SW#3 are all OFF, and then FM frequency is 93.1 MHz. In the FM Wireless mode, JuteJack transmits guitar input and line-in input (MP3, CDP,...etc) through its FM transmission device and user can receive them using a FM receiver. To change to the headphone amplifier mode, Plug headphones into  HEADPHONE jack. (8 preset FM frequencies can be changed for each country.)

## USING THE STRING TUNER

Press and hold the MODE S/W in for about 2 seconds. LO LED (Green) and HI LED (Green) will blink twice simultaneously indicating that JuteJack is in tuning mode. To select string #1 (high E), press MODE S/W for about 1 second. PWR LED (Orange) will blink once indicating that you are ready to tune string #1. Pluck string #1. If string #1 is low, LO LED (Green) will illuminate. If string #1 is high, HI LED (Green) will illuminate. PWR LED (Orange) will illuminate when the string is in tune. If guitar's volume is too high or too low for the tuner or a string is out of selected tune range, LO LED and HI LED will illuminate. Adjust the guitar's volume and your picking force so that LO LED and HI LED do not illuminate. Repeat step 2 to tune string #2 (B). This time, PWR LED (Orange) will blink twice instead of once indicating that you are ready to tune string #2. Repeat step 2 for each string. After string #6, pressing the MODE S/W for about 1 second will repeat the process starting at string #1. To exit the tuner, press and hold the MODE S/W for about 2 seconds. LO LED (Green) and HI LED (Green) will blink twice simultaneously indicating that JuteJack is back to normal operation.

## SLEEP (Power Saving) MODE

In the either headphone amplifier mode or FM Wireless mode, after more than 5 minutes without guitar input, JuteJack-Guitar goes into 'Sleep Mode' for reducing battery power consumption. In the 'Sleep Mode', JuteJack's FM transmission is off. To awake from the Sleep Mode, pluck guitar. Then RockPlug wakes up.

### Notice:

Please turn the power S/W off when you are not using JuteJack.

## APPLICATION EXAMPLES



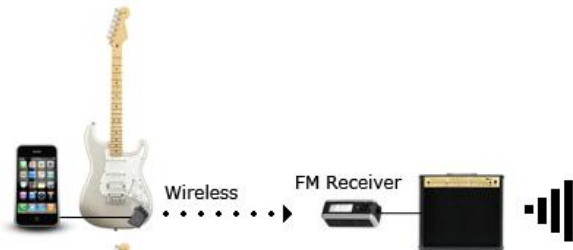
#### ■ Headphone Amplifier

Anytime, anywhere you can play guitar with built-in effects.



#### ■ Compact guitar effector & pre-amplifier

Using the headphone out (line-out), you can connect to guitar amplifier.



#### ■ Wireless guitar effector & amplifier

Plugging in a MP3 FM receiver to guitar amplifier, you can play wireless guitar. At this time, you can plug in music stored in iPhone/iPod, Mp3, PC and MR, or a drum APP of iPhone/iPod.



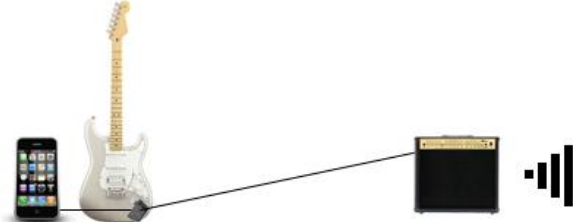
#### ■ Wireless guitar effector & amplifier

Using a common FM receiver as wireless amplifier, you can play wireless guitar. At this time, you can plug in music stored in iPhone/iPod, Mp3, PC and MR, or a drum APP of iPhone/iPod.



#### ■ Wireless guitar effector & amplifier

Using a car FM receiver as wireless amplifier, you can play wireless guitar. At this time, you can plug in music stored in iPhone/iPod, Mp3, PC and MR, or a drum APP of iPhone/iPod.



#### ■ Compact guitar effector & pre-amplifier

Using the headphone out (line-out), you can connect to guitar amplifier. At this time, you can plug in music stored in iPhone/iPod, Mp3, PC and MR, or a drum APP of iPhone/iPod.



#### ■ Headphone Amplifier

Anytime, anywhere you can play guitar with built-in effects. At this time, you can plug in music stored in iPhone/iPod, Mp3, PC and MR, or a drum APP of iPhone/iPod.

**SAFETY & HANDLING INSTRUCTION**

Handle with care. Do not drop, throw, disassemble, bend, burn, or paint Jute Jack. Avoid moisture and water. If JuteJack gets wet, remove batteries and allow drying. Do not attempt to dry JuteJack with a hair drier, microwave oven, any other device.

**Repair or remodeling:**

JuteJack contains no user serviceable parts. Disassembling JuteJack will void the warranty. Repair is only possible through official distributors.

**Replacing the battery:**

Lightly press the battery lid and slide to the left. JuteJack uses two AAA batteries. Pay close attention to the +/- orientation. Use same batteries of the same brand.

**Prevention of hearing damage:**

High volumes may cause permanent hearing damage. Please use safe volume levels. If you hear ringing or you can not clearly hear voices, stop using JuteJack immediately and see a physician. Hearing professionals recommend the following for prevention of hearing damage.

- Limit the amount of time using JuteJack at high volume.
- Do not turn the volume up high enough to block noisy surroundings.
- Do not turn the volume up high enough to block nearby voices.

**Suffocation danger:**

JuteJack contains small parts that can be a choking hazard to children. Please keep JuteJack and its accessories away from children.

**Radio frequency (RF) interference:**

Emitting radio frequency of electronic device affects negative influence to the other electronic devices, and may cause malfunction to the devices. Therefore please follow the direction as below.

- Aircraft: Do not use JuteJack when you travel by aircraft.
- Vehicle: Emitting radio frequency of JuteJack may affect electronic control system of car.
- Hearing aids: JuteJack may cause interference to some kind of hearing aids.
- Other medical equipment: In case user uses other personal medical equipment, ask the equipment maker or physician/surgeon to assure that the equipment shields JuteJack radio frequency.
- Medical facilities: Hospital and medical facilities may use equipments sensitive to emitting radio frequency from outside. In the areas or facilities that instruct or sign "Turn off the devices emitting radio frequency", please turn off the JuteJack. Blasting area and facilities: In the areas or facilities indicated 'Blasting Area' or 'Turn off the devices emitting radio frequency', please turn off the JuteJack.

**Carrying and handling JuteJack:**

JuteJack contains sensitive parts. Do not force open and fold the plug hinge over limited range 90° (max). Except horizontal rotating direction with body, do not force the plug hinge other directions, and do not bend, drop or throw down JuteJack. When you move and carry the JuteJack, please put JuteJack in the hard case offered.

**Putting plug into guitar jack:**

Because there are many kinds of jack of electric guitar, please vertically put the plug into guitar jack. Do not force insert and pull out the plug. Before connecting the plug and the jack, please check jack for foreign substances.

**Storing JuteJack:**

Please operate JuteJack place 0 ~ 30 degrees Celsius, and avoid rapid changes of temperature and humidity. Store JuteJack in the room temperature, and do not leave JuteJack in the car.

**Keep clean JuteJack:**

To clean JuteJack, pull out all connected cables and turn the JuteJack off, and then use lint-free cloth with little water to polish JuteJack. Please be careful to keep openings away from water and dampness. Do not use window cleaner, home appliance cleaner, aerosol spray, solvent, alcohol, ammonia or abrasive for cleaning.

## SPECIFICATIONS

- Dimensions: W=55mm, D=86.9mm, H=45.6mm
- Weight: 60 grams (without batteries)
- Battery: 2 x AAA Dry Batteries (3 volts)

## CAUTION

- The pre-installed batteries may be discharged. Please replace those with new ones after checking the performance.
- 8 preset FM frequencies can be changed for each country.
- The specifications, functions and features are subject to change without prior notice.

## FCC Statement

This equipment (FCC ID: Z58JUTEJACK ) 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.

The equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with 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.

FCC ID : Z58JUTEJACK

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 may accept any interference received, including interference that may cause undesired operation.

## CUSTOMER SUPPORT

- Email: [answers@jutejack.com](mailto:answers@jutejack.com)
- Homepage: [www.jutejack.com](http://www.jutejack.com)