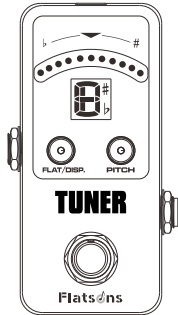


Flatsons

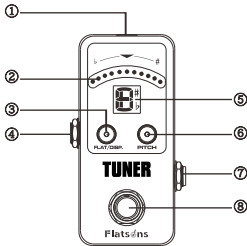
MINI TUNER PEDAL

Owner's Manual



Thank you for your purchase of FLATSONS FTN-2. Please read this manual carefully before using it for the first time. Keep the manual for future reference.

Product Overview



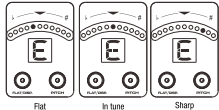
- ① 9V DC Jack
- ② LED Display
- ③ FLAT/DISP.
- ④ 1/4 inch OUTPUT Jack
- ⑤ Note Display
- ⑥ PITCH
- ⑦ 1/4 inch INPUT Jack
- ⑧ On/Off Switch

Operation Guide

1. Enter Tuning Mode
When an audio cable is connected, the MINI TUNER automatically enters Bypass Mode. Press the [ON/OFF] button to enter Tuning Mode, as shown in the figure below.

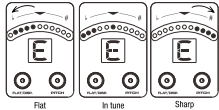
2. Select the Tuning Display Mode
Press and hold [FLAT/DISP.] to switch between the two available display modes: Normal and Strobe.

(a) Normal Display



Flat: Red LED to the left of center lights.
In tune: Green LED in the middle lights.
Sharp: Red LED to the right of center lights.

(b) Strobe Display



Flat: The LED indicator moves toward the left.
In tune: The green LED indicator on.
Sharp: The LED indicator moves toward the right.

Note: When the note is out of tune (sharp or flat), the strobe indicator moves rapidly, indicating a significant deviation from the target pitch. As the note approaches the target pitch, the strobe movement gradually slows down. When the note is in tune, the strobe indicator remains stationary.

3. Flat Tuning Mode

(a) Short press [FLAT/DISP.] to set flat tuning. The flat indicator is located to the left of the center digit. The first press of the Flat button displays the current flat setting. Upon power up, the default setting is Normal Tuning.

Flat tuning as shown in picture below:



(b) Short press [FLAT/DISP.] again to adjust flat tuning range: **b--b--b--b--b--b--b--b**
Release the pedal. The LED indicator will flash for 2 seconds, indicating that the tuner will automatically enter Tuning Mode.

Example of **b b** Flat tuning is shown in picture below:



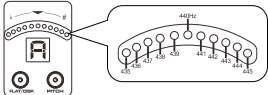
Note: When Flat Tuning is enabled, tune each string to the lower target note indicated on the display.

(C) Cancel Flat Tuning
Short-press [FLAT/DISP.] repeatedly until the LED indicator turns off. Flat Tuning is then canceled, and the instrument returns to standard tuning.

4. Setting A4 Range

In tuning mode, short press [Pitch] to enter the A4 setting interface.

Press [Pitch] again to set A4 from 435~445Hz. The default A4 is 440Hz, as shown in picture below:



Specifications

- Tuning mode: Chromatic
- Tuning range: A0 (27.5) ~ C8 (4186Hz)
- A4 range: 435~445Hz
- Flat tuning: **b b b b b b b b**
- Detection method: Audio Signal Input
- Display mode: LED
- Tuning method: Auto
- Power: DC 9V adaptor ()
- Dimensions: 94(L) x 50(W) x 53(H)mm
- Weight: 165g



To connect directly with our support team

✉ service@flatsonsaudio.com
🌐 <https://flatsonsaudio.com>

FCC WARNING

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 not expressly approved by the party responsible for compliance could void the user's 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. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.

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