



# THH12 Handheld Transmitter

## **Pilot's Handbook**

**Manuel de pilotage**

**Pilotenhandbuch**

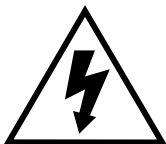
**Pilotenhandboek**

**Manual del Piloto**

**取扱説明書**

**See [www.line6.com/manuals](http://www.line6.com/manuals) for Advance Guide**

## Important Safety Instructions



**CAUTION**  
**RISK OF ELECTRIC SHOCK DO NOT OPEN**



**WARNING** : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT REMOVE SCREWS. NO USER-SERVICEABLE PARTS INSIDE.  
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

**WARNING** : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THE APPLIANCE TO RAIN OR MOISTURE.

### CERTIFICATION

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 UNDESIRE OPERATION.

**Warning:** Changes or modifications not expressly approved in writing by Line 6 may void the users authority to operate this equipment.

**RF Exposure Statement:** This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

**Note:** 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.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numerique de la classe B est conforme a la norme NMB-003 du Canada.

The FCC compliance sticker is attached to the THH12 battery compartment.

Remove the THH12 base by unscrewing counter clockwise to see this compliance sticker.





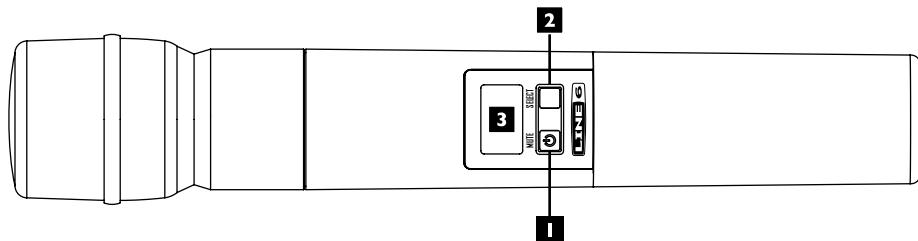
**You should read these Important Safety Instructions. Keep these instructions in a safe place**



Before using your THH12, carefully read the applicable items of these operating instructions and the safety suggestions.

1. Obey all warnings in the THH12 manual.
2. Do not perform service operations beyond those described in the THH12 manual. Service is required when the apparatus has been damaged in any way, such as:
  - liquid has been spilled or objects have fallen into the apparatus
  - the unit has been exposed to rain or moisture
  - the unit does not operate normally or changes in performance in a significant way
  - the unit is dropped or the enclosure is damaged.
3. Do not place near heat sources, such as radiators, heat registers, or appliances which produce heat.
4. Guard against objects or liquids entering the device. Do not use or place unit near water.
5. Do not step on cords. Do not place items on top of cords so that they are pinched or leaned on. Pay particular attention to the cord at the plug end and the point where it connects to the device.
6. Always switch transmitter off when not in use for extended periods of time for extended battery life.
7. Clean only with a damp cloth.
8. Only use attachments/accessories specified by the manufacturer.
9. Prolonged listening at high volume levels may cause irreparable hearing loss and/or damage. Always be sure to practice “safe listening.”

## BASIC OPERATION



- 1. Power Button** - Press briefly when off to turn on. When on, hold for 1 second to enter Mute, Hold 2 seconds to power off. When muted, press briefly to unmute. In Setup Mode, press briefly to change value of currently edited parameter. Hold 2 seconds to turn off
- 2. Select Button** - Hold 2 seconds to enter Setup Mode. In Setup Mode, press briefly to select next setup page, hold 2 seconds to exit Setup Mode.
- 3. LCD Panel** - Whenever a button is first pushed, the **LCD** backlight will awaken by glowing. In Main Mode your display will appear similar to the illustration below.

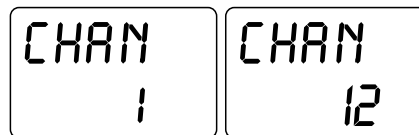


**CHAN 1** through **CHAN 12** will be displayed at the top depending on the current channel your microphone is set to transmit on. The **MUTE** icon is only visible when the microphone is muted. **POWER SAVE** is lit only if the RF power mode is set to **LO**. The **LOCK** icon is lit only if the lock switch in the batter compartment is on. When on, the power cannot be turned off and editing is not allowed. The numeric clock at the bottom of **LCD** displays the amount of remaining operation time of

batteries at current power level in hours and minutes. It updates in 20 minute increments. **NOTE:** The battery data may be invalid for the first few minutes of operation. The **BATTERY** icon is lit solid when battery life is 1 hour or more. It flashes on and off when battery life is less than one hour.

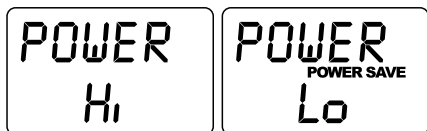
## HANDHELD LCD SETUP PAGES

### Setup Page 1 - Channel Select



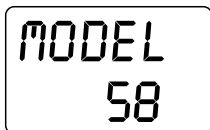
In order for your microphone to transmit properly to your receiver both devices must be set to the same channel. To change the channel your microphone is transmitting on, Hold **SELECT** for 2 seconds to enter setup page 1. Press **POWER** briefly to increment from **CHANNEL 1 - 12**. The current channel number is displayed as 1 to 12 on the right side of the numeric display. The actual change of transmission channel will not occur until returning to the main page, by holding the **SELECT** button for 2 seconds (to exit Setup mode), or not pressing any button for 15 seconds (Setup page timeout).

## Setup Page 2 - Power Select



THH12 can run in two power modes, **Hi** (maximum performance) or **Lo** (extended battery life). **Hi** is best for maximum range or hostile RF environments. Use **Lo** for longer battery life or situations where you want to help confine the signal range. From the setup page 1, press **SELECT** once to access setup page 2. Press **POWER** to toggle between **Hi** and **Lo** power mode. The factory default is set to **Hi**.

## Setup Page 3 - Microphone Model Select

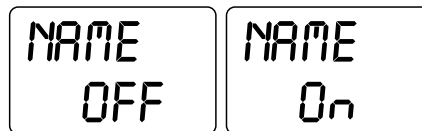


THH12 features microphone models of many popular vocal microphones. Microphone models add tonal “color”, this setup page allows you to apply the perfect “color” to match any vocalist. From setup page 2, press **SELECT** once to access setup page 3. Press **POWER** briefly to scroll through the choices of microphone models. The Model name/number is shown on the right most digits of the numeric display. Available microphone models are: **58** based on\* Shure® SM58®, **b58** based on\* Shure® Beta58®, **835** based on\* Sennheiser® e® 835, **41** based on\* Audio-Technica® AE4100, **05** based on\* Audix® OM5. The factory default is to **OFF** (no modeling DSP).

If feedback is a problem, we suggest matching your microphone model to the majority of wired mics that are in place.

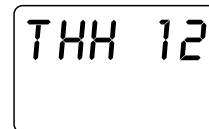
\* All product names used in this manual are trademarks of their respective owners, which are in no way associated or affiliated with Line 6. These trademarks of other manufacturers are used solely to identify the products of those manufacturers whose tones and sounds were studied during Line 6’s sound model development. Shure, SM58 and Beta58 are registered trademarks of Shure Incorporated. Sennheiser and e are registered trademarks of Sennheiser Electronic GmbH & Co. KG Audix is a registered trademark of Audix Corporation. Audio-Technica is a registered trademark of Kabushiki Kaisha Audio-Technica DBA Audio-Technica Corporation.

## Setup Page 4 - Name Select



From the setup page 3, press **SELECT** once to access setup page 4. Press **POWER** briefly to switch between name display being **On** or **OFF**, as displayed on the right most digits of the numeric display. This parameter determines if the Main page will show the channel number (**NAME OFF**), or a custom name (**NAME on**). The default setting is **OFF**.

## Setup Page 5 - Set Name

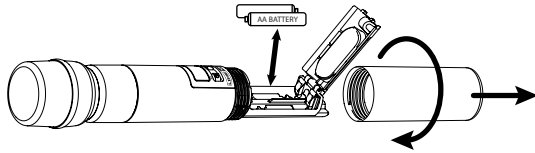


When Setup Page 4 is set to **NAME On** your LCD main page will read THH12. You can customize this with any name up to 6 characters (alphabetical, numerical, space or dash).

Setup Page 5 only appears if Name is set **On**. From the setup page 4, press **SELECT** once to access setup page 5. If Name is **Off**, then pressing **SELECT** from the setup page 4 returns the display to Main mode.

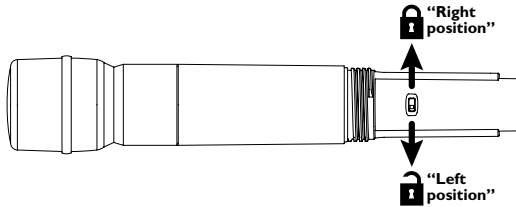
Press the **POWER** button to increment through the characters for the current flashing digit. Press **SELECT** to increment to the next of 6 available digit spaces. Continue through these steps until you’ve customized your THH12 name. Pressing the **SELECT** button when the last digit is selected returns the display to main page.

## Battery Installation / Removal



THH12 uses two AA batteries. To install or remove batteries, remove the microphone base by turning it counter clockwise then open the battery door to access battery compartment. Observe correct polarity when installing. **NOTE:** Do not over tighten microphone base.

## Using the Lock feature



The **LOCK** switch is located behind the battery compartment indicated in the illustration above. The **LOCK** switch comes from the factory in the unlocked position. This allows you to make any necessary adjustments for your initial setup. After you made all of your adjustments in the setup pages it's advised that you set the **LOCK** switch to it's locked position.

When unlocked the **LOCK** switch will be set to the Left position and there will be no **LOCK** icon shown on the lower left corner of the LCD. In this mode you are able to make changes to your current THH12 settings and save them.

When you've completed saving your settings slide the switch to the Right to it's locked position. This will prevent the front panel controls from being able to change any settings or shut the THH12 off accidentally. The LCD will now show the **LOCK** icon in the lower left corner. If either the **POWER** or **SETUP** buttons are pressed while in **LOCK** mode the LCD will flash **LOCKED** across the screen.

To turn the microphone off when THH12 is in **LOCK** mode it's necessary to unscrew the microphone base and slide the **LOCK** switch to it's unlocked position to the right. Once unlocked, press and hold the **POWER** button for 2 seconds.

## TROUBLESHOOTING

Issue	Cause	See Solution...
No sound	System not turned on, Source malfunction, Improper channel selection Expired battery	Power. Signal Source (ensure the receiver indicates the THH12 is in use), Cables or RF
Intermittent sound or distorted sound	Source malfunction, Improper connection, Multiple transmitters are set to the same operating channel, Transmitter has gone out of range, Transmitting through metal wall, Unknown source of RF in local area LOCK switch set to unlock allowing channels to get changed which creates momentary signal mutes in the receiver	Signal Source (ensure the receiver indicates the THH12 is in use), Cables or RF, Lock switch
Lack of range	Improper or lack of antenna connection, Multiple transmitters are set to the same operating channel, Microphone Power setting set to "Lo", Unknown RF in local area	RF, Set Microphone Power setting to "Hi", Reposition antennas

### Power

Make certain that the microphone and receiver are receiving sufficient power. Check the battery status indicator on the transmitter and replace if necessary. The battery life indicator is calibrated for Alkaline batteries but you can use any AA type, battery life may vary.

### No pads, no level controls?

Your Line 6 wireless system was designed to operate just like a wired microphone and unlike analog wireless systems does not need any further adjustments to maximize its performance. It behaves just like you would expect a regular wired microphone. Its output level is the same as a wired mic, so set the mixer as you do with your wired mics.

### Cables

Make certain that all connections and cables are in working order.