

THR Series **THR30IIA Wireless**

Reference Manual



Contents

Introduction	2
Main Features	2
Names and Functions	3
Control Panel	3
Rear Panel	6
Connection	7
Connection Example	7
Power	8
Auto Power Off Function	10
Connecting to guitar by wirelessly	10
Connecting to a smart device	11
Connecting to a computer	13
Troubleshooting	15
Specifications	17
Technical Specifications	17
Power Button LED status list	18
Signal Flow Diagrams	19

Introduction

Thank you for purchasing the Yamaha THR30IIA Wireless.

This product is an exceptionally versatile and compact guitar amplifier designed for acoustic guitar players.

You can use this product in your home, rehearsal spaces, and other places—virtually anywhere you want it!

We recommend that you read this manual carefully so that you can fully take advantage of the advanced and convenient functions of the product. We also recommend that you keep this manual for future reference.

Main Features

- **Sophisticated guitar amplifier utilizing advanced amp modeling, made possible by Yamaha's original VCM technology.**
- **Built-in wireless receiver works with a compatible Wireless Transmitter for wireless use.**
- **Bluetooth® capability enables playing of music sources and editing of the amp's sound settings from a smart device or computer.**
- **Built-in rechargeable battery enables use without a power adaptor.**
- **Yamaha's original Extended Stereo technology enables an exceptionally wide stereo image, much wider than the unit's compact size.**
- **Stereo Imager enables an even more expansive guitar sound and is also good for accentuating vocals.**
- **The audio interface capability enables you to record your guitar with the amp processing to a computer via USB.**
- **Features a built-in chromatic tuner.**

* **What is VCM Technology?**

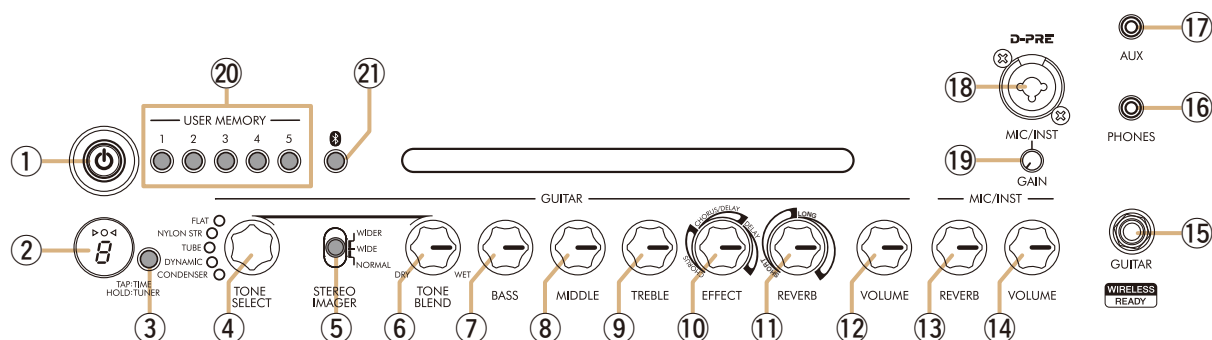
An original physical modeling technology developed by Yamaha, VCM Technology reproduces the characteristics of analog circuitry at the component level to accurately reproduce the sound of the modeled equipment.

* The guitar wireless transmitter described in this Reference Manual refers to the Yamaha YW10T, the Line 6 Relay G10T, and the Line 6 Relay G10TII (hereinafter abbreviated as the Wireless Transmitter.)

Names and Functions

Control Panel

THR30IIA Wireless



① [] (Power Button) / Power Button LED

This is the unit's power button.




When the power is ON, the Power Button LED, the lamp corresponding to the selected tone and the Power Lamp in the speaker cabinet light up.

② LED Display

Indicates individual settings and conditions of the THR30IIA Wireless.

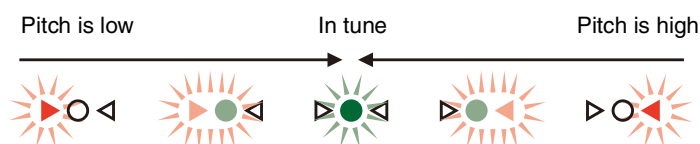
③ [TAP/TUNER] button

■ Tuner Function

Holding the switch for 1 second engages the tuner function and lights the    indicators.

The tuner is calibrated to A4=440Hz. Tune the guitar until the desired pitch appears in the LED display.

When only the circle (O) in the center of the    display is visible, tuning is accurate.



Press the [TAP/TUNER] button again to turn OFF the tuner function*.

* When the tuner function is set to ON, the guitar is muted. The sounds from the [AUX] jack, [USB] jack and Bluetooth are output to the main speaker and [PHONES] jack.

■ Tap Tempo Function

When a CHORUS/DELAY or DELAY effect is selected with the [EFFECT] knob ⑩ control, the tempo of the delay can be set by tapping (more than twice) on the switch.

■ Extended Stereo Setting

Hold the [TAP/TUNER] button for more than five seconds to switch the Extended Stereo* function ON/OFF. The Extended Stereo function produces a much wider stereo field. This affects the sounds from the [AUX] jack, [USB] jack and Bluetooth as well as the guitar reverb effect. The Extended Stereo setting (ON/OFF) is saved when the power is turned OFF.

ON: “#” on LED Display ② is off (default setting).

OFF: “#” on LED Display ② is lit.

④ [TONE SELECT] knob

Selects the tone. The lamp for the corresponding tone lights. When the power is turned ON, the most recent tone is selected.

● Tone List

Tone	Description
FLAT	The Flat setting outputs the input sound directly. [TONE BLEND] knob works as a gain function.
NYLON STR	Perfect for use with an acoustic-electric classical or nylon string guitar.
TUBE	The tube microphone setting gives the acoustic guitar sound a rich, midrange tone.
DYNAMIC	The dynamic microphone setting gives the acoustic guitar a tight tone.
CONDENSER	The condenser microphone setting gives the acoustic guitar sound a natural, clear tone.

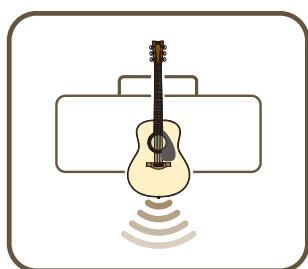
⑤ [STEREO IMAGER] switch

Selects the Stereo Imager effect, which spreads the guitar sound left and right. Stereo Imager also accentuates the vocal sound in the center with the guitar sound expanding to the left and right. Stereo Imager affects only the guitar sound from [GUITAR] ⑮ jack.

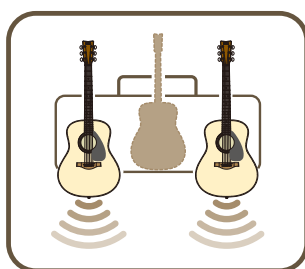
[NORMAL]: Sets the guitar sound and vocal sound at the center.

[WIDE]: Spreads the guitar sound to the right and left.

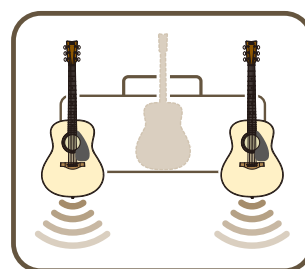
[WIDER]: Spreads the guitar sound further to the right and left.



[NORMAL]



[WIDE]



[WIDER]

⑥ [TONE BLEND] knob

Blends the modeled front mic sound of an acoustic electric guitar with the actual pickup sound of the guitar. (Maximum setting produces the mic sound only. Minimum setting produces the direct pickup sound only.)

⑦ [BASS] knob

Tone adjustment for the guitar's sound. Turn the knob clockwise to boost the low-range frequencies.

⑧ [MIDDLE] knob

Tone adjustment for the guitar's sound. Turn the knob clockwise to boost the mid-range frequencies.

⑨ [TREBLE] knob

Tone adjustment for the guitar's sound. Turn the knob clockwise to boost the high-range frequencies.

⑩ [EFFECT] knob

Selects the effect type and amount applied to the guitar sound from [GUITAR] ⑮ jack. Selects one of three different effects: CHORUS, CHORUS/DELAY*¹, or DELAY*¹. Turn the knob clockwise*² to increase the amount of each effect.

*¹ When CHORUS/DELAY or DELAY is selected, the [TAP/TUNER] button e can be used to set the delay time.

*² Turn the knob fully counterclockwise to set the effect OFF.

⑪ [REVERB] knob

Selects one of two different reverbs: SHORT and LONG.

Turn the knob clockwise to increase the amount of each reverb. Turn the knob fully counterclockwise to set the effect OFF.

⑫ [VOLUME] knob

Adjusts the overall volume of the guitar sound. This knob's setting has no effect on the signal sent to the [USB] jack ⑬. The volume output to the [LINE OUT] [L] [R] jack is constant regardless of the setting of the [VOLUME] knob.

⑬ [MIC/INST REVERB] knob

Adjusts the reverb amount for audio from the mic or electronic instrument connected to the [MIC/INST] jack ⑱. Turn the knob clockwise to increase the amount of reverb.

⑭ [MIC/INST VOLUME] knob

Adjusts the volume from the mic or electronic instrument connected to the [MIC/INST] jack ⑱.

⑮ [GUITAR] jack

This is a standard phone jack used to connect* a guitar to the THR30IIA Wireless.

* Connecting the Wireless Transmitter to the [GUITAR] jack starts charging that device automatically.

* The optimal transmission channel is set automatically when the Wireless Transmitter to the [GUITAR] jack has been connected for at least 10 seconds.

⑯ [PHONES] jack

This is a stereo mini phone jack used to connect* stereo headphones to the THR30IIA Wireless.

* Speaker sound is muted when a plug is inserted into the [PHONES] jack.

⑰ [AUX] jack

This is a stereo mini phone jack used to connect* an external audio device to the THR30IIA Wireless.

* The signal received at the [AUX] jack is not sent to the [USB] jack ⑮.

⑱ [MIC/INST] jack

For connection* to a microphone or electronic instrument. This jack can be connected to both XLR-type and phone-type (balanced/unbalanced) plugs.

⑲ [GAIN] knob

Adjusts the input signal level of the [MIC/INST] jack.

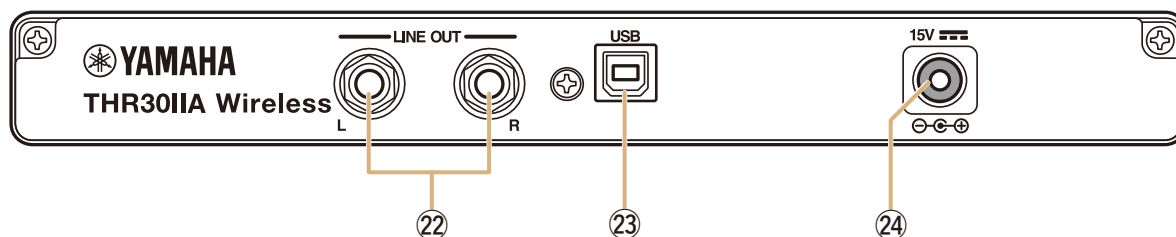
⑳ [USER MEMORY] [1] [2] [3] [4] [5] button

Saves up to five sets of guitar section controller settings (TONE BLEND, BASS, MIDDLE, TREBLE, EFFECT, REVERB), STEREO IMAGER setting, and a mic/inst section controller setting (MIC/INST REVERB). Press and hold the [USER MEMORY] button of the corresponding number for saving your settings (for about 2 seconds). The save operation is complete when the memory number for the button being pressed appears in the LED Display ②. Press the desired numbered button (for less than 2 seconds) to recall the saved settings.

② [Bluetooth] button

Sets the Bluetooth function. Press and hold for three seconds to activate Bluetooth pairing. The LED display ② will flash in green. For further details, refer to the section “Connecting to a smart device” on [page 11](#).

Rear Panel



②② [LINE OUT] [L] [R] jack

The line outputs are impedance-balanced phone jacks for connection to external devices. These jacks can be connected to TRS phone or mono-type phone plugs.

②③ [USB] jack

This jack is used to connect the THR30IIA Wireless to a computer via a USB cable.

②④ [15V] DC IN connector

For connection to the supplied power adaptor.

About the Default Settings

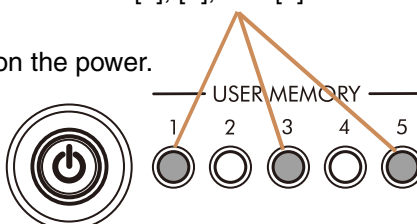
To reset all contents stored in the user memory, switch on the power while holding down [USER MEMORY] buttons [1], [3], and [5].

NOTICE

All contents stored in the user memory will return to factory defaults when the unit is initialized.

Hold down buttons [1], [3], and [5].

Switch on the power.

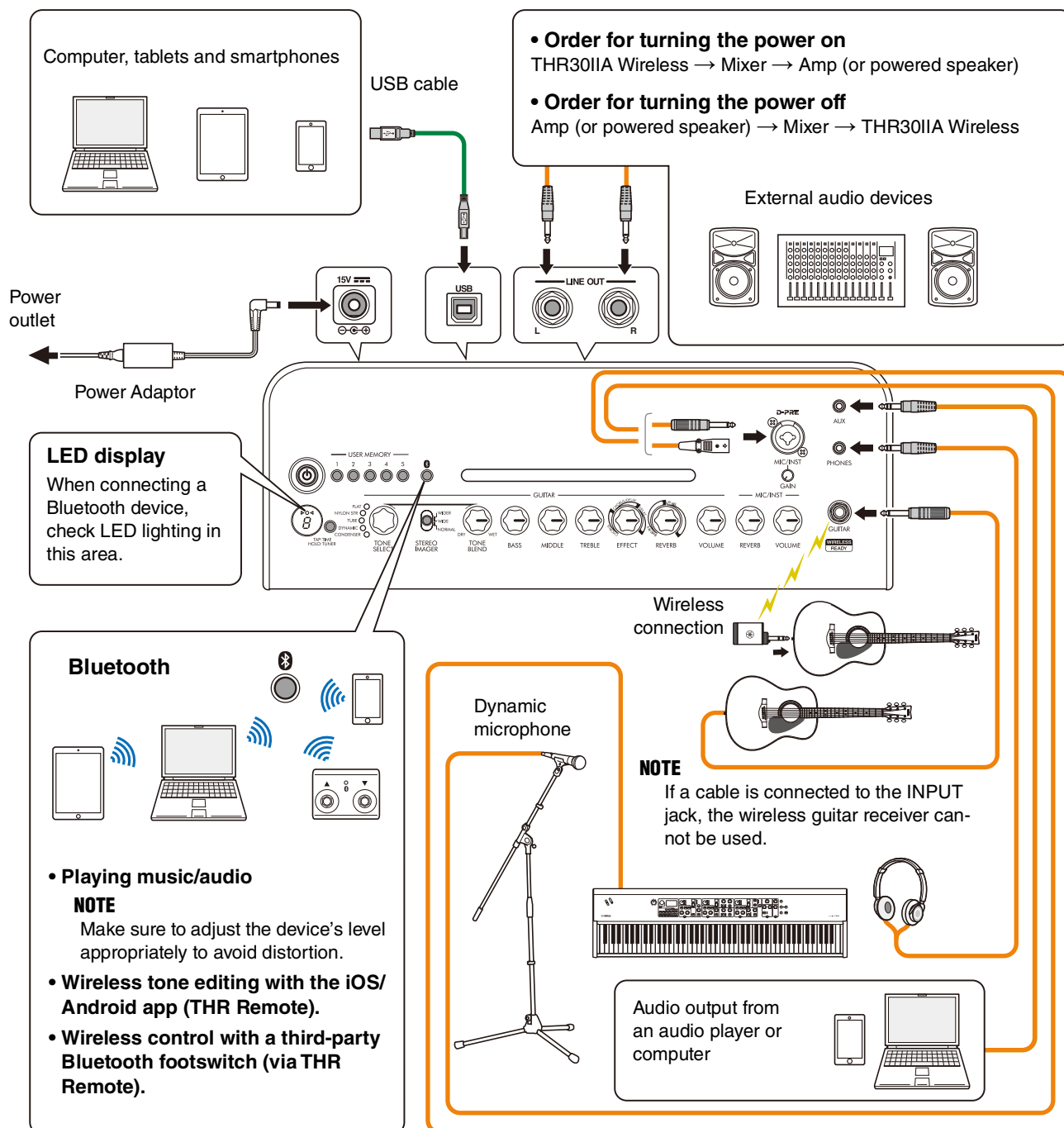


Connection

The THR30IIA Wireless can be used either with a conventional wired connection with an appropriate cable, or with a wireless connection.

Connection Example

- Make sure that all devices to be connected to the unit by cable are turned off.
- When connecting the unit to an external device, always use an appropriate cable that matches the jack's specifications and connect it securely.



* The illustrations and LCD screens as shown in this manual are for instructional purposes only, and may appear somewhat different from those on your instrument.

Precautions for using the USB jack

Make sure to follow the points on the next page when connecting a computer to the THR30IIA Wireless USB jack, to avoid loss of data by the computer and prevent the THR30IIA Wireless from freezing or shutting down.

NOTICE

- Use an AB type USB cable of less than 3 meters. USB 3.0 cables cannot be used.
- Be sure to wake the computer from suspended/sleep/standby mode before connecting a computer to the USB jack.
- Always quit all applications that are running on the computer before connecting or disconnecting the USB cable and set the volume output on the computer to its minimum level.
- When connecting or disconnecting the USB cable, be sure to set the OUTPUT controls ([VOLUME] knob and [MIC/INST VOLUME] knob) on the THR30IIA Wireless to their minimum levels.
- Wait at least 6 seconds between connecting or disconnecting the USB cable.

Power

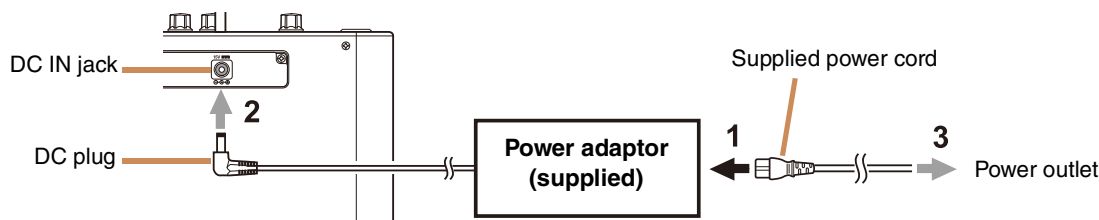
The THR30IIA Wireless can operate on either DC power (via the power adaptor) or with the built-in rechargeable battery*.

* When you use the THR30IIA Wireless with the built-in rechargeable battery, the maximum output volume is reduced ([page 17](#)).


■ When using the power adaptor

Connect* the supplied power cord to the power adaptor, and then connect the supplied power adaptor to the [15V] DC IN jack located on the rear panel of the THR30IIA Wireless. Finally, connect the AC plug to a power outlet.

* Follow the included Safety Instruction Sheet before making connections.




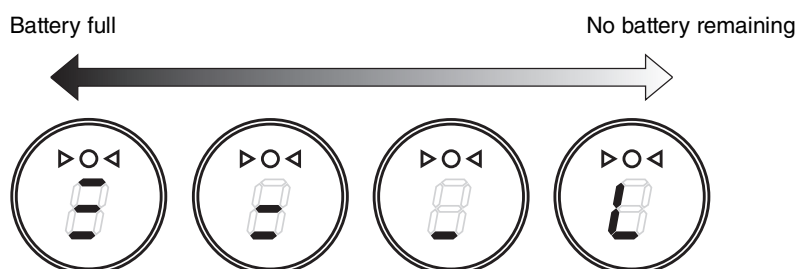
■ Turning the power on and off

Press and hold the [] power button on the top of THR30IIA Wireless for one second to turn the power on or off*. The LED of the power button lights when turning the power button on. The LED of the THR30IIA Wireless lights in green while charging. Otherwise, it lights in red.

* Follow the included Safety Instruction Sheet before making connections.

■ Checking the battery level

Press the [] button on top of the THR30IIA Wireless briefly to check the battery level. The remaining battery capacity is displayed in four levels of 3, 2, 1 and L (Low).



■ Charging the built-in battery

Connect the supplied power adaptor to the DC IN jack located on the rear side of the THR30IIA Wireless. The LED of the power button lights in green while charging.

* For further details of the Power Button LED status, refer to the Power Button LED status list (page 18).

NOTICE

- When you use the THR30IIA Wireless in an environment of extreme temperatures, charging may not be possible.
- Charge the built-in rechargeable battery once every six months to maintain functionality.

■ Charging the Wireless Transmitter

Connect a compatible Wireless Transmitter *1 to the [GUITAR] jack located on the top of the THR30IIA Wireless. The Wireless Transmitter starts *2 charging automatically. If you have disconnected the Wireless Transmitter from the [GUITAR] jack of the THR30IIA Wireless and want to resume charging the transmitter, wait for at least two (2) seconds before reconnecting it to the [GUITAR] jack.

*1 Refer to the manual for each Wireless Transmitter for explanations of LED display indications on the Wireless Transmitter.

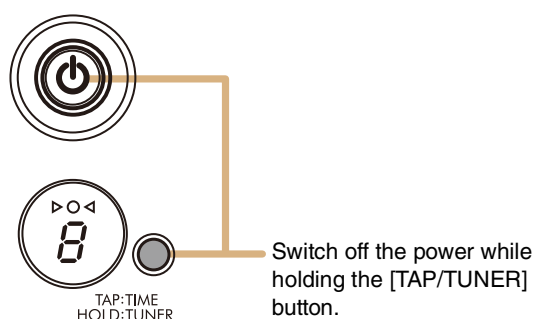
*2 If the supplied power adapter is not connected to the THR30IIA Wireless, the Wireless Transmitter will not start charging.

NOTICE

- After charging, unplug the Wireless Transmitter from the THR30IIA Wireless.
- If the THR30IIA Wireless is turned off and the power adapter is connected, the Wireless Transmitter will be charged simply by connecting. However, the THR30IIA Wireless is set by default to stop supplying power to the Wireless Transmitter when charging is finished. In this state, leaving the Wireless Transmitter connected to the THR30IIA Wireless may result in depletion of the Wireless Transmitter's battery power. To avoid this situation, turn off the THR30IIA Wireless's ECO setting.

● Changing the Wireless Transmitter's ECO setting *1 *2

1. Switch on the power of THR30IIA Wireless
2. Switch off the power of THR30IIA Wireless while holding the [TAP/TUNER] button *3



*1 You can change the ECO setting from the THR Remote.

*2 ECO on and ECO off are toggle. When you change the ECO setting, perform the steps 1 to 2 again.

*3 After you switch the ECO setting from on to off, the letter "C" will appear on the LED display when you start charging the Wireless Transmitter.

Auto Power Off Function

To prevent unnecessary power consumption, the THR30IIA Wireless features an Auto Power Off function that automatically turns the power off if the THR30IIA Wireless or the THR30IIA Wireless via the THR Remote app is not operated for approximately 20 minutes; however, you can change the setting.

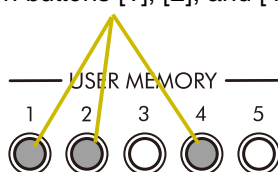
NOTICE

- If you do not want the power to turn off automatically when a computer is connected, disable the Auto Power Off function.

■ Enabling or disabling the Auto Power Off Function

To enable or disable the Auto Power Off Function, hold down the [USER MEMORY] [1], [2], and [4] buttons simultaneously. If you want to confirm the current setting, press the [USER MEMORY] [1], [2], and [4] buttons simultaneously.

Hold down buttons [1], [2], and [4].



Auto Power Off function is enabled




Auto Power Off function is disabled



NOTICE

- Depending on the THR30IIA Wireless status, the power may not turn off automatically, even after the elapse of 20 minutes. Always turn off the power manually when the THR30IIA Wireless is not in use.

NOTE

- When the Auto Power Off function has switched on or off successfully, the setting result will be displayed, and the tuner LED will light at the same time.
- The setting time is approximate.
- To turn the power on after Auto Power Off has been executed, press the [] power button.

Connecting to guitar wirelessly

The THR30IIA Wireless can connect to a compatible Wireless Transmitter wirelessly. In addition, the optimal channel is set automatically by connecting the Wireless Transmitter to the [GUITAR] jack located on the top of the THR30IIA Wireless for at least 10 seconds. For more information on wireless connections, refer to the manual for the corresponding Wireless Transmitter.

Connecting to a smart device



By connecting a smart device to the THR30IIA Wireless, you can:

- Play audio files from a smart device via Bluetooth.
- Edit effect and tone controls from a smart device.

■ Playing audio files on a smart device via Bluetooth

To play audio from a smart device via Bluetooth, configure Bluetooth on the smart device while in the pairing mode.

● Setting the THR30IIA Wireless to pairing mode

1. Check that the  at the top of the LED DISPLAY is unlit (disconnected).
2. Press and hold the [Bluetooth] button located on the top of the THR30IIA Wireless for three seconds.
3. Check that the  at the top of the LED DISPLAY flashes in green (pairing mode).

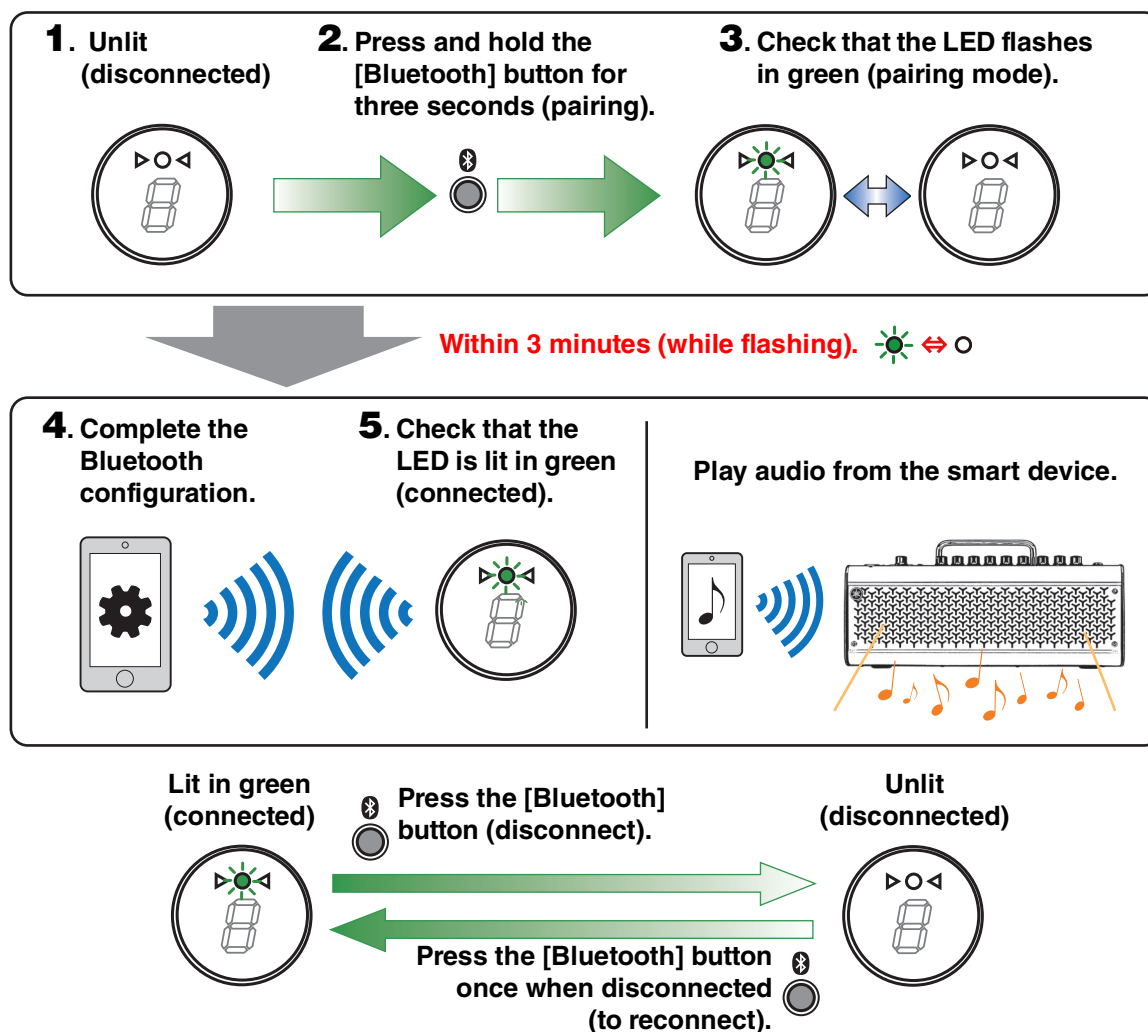
● Configuring Bluetooth on the smart device

4. Complete the Bluetooth configuration* of the smart device within 3 minutes after entering pairing mode.

* For details on Bluetooth configuration, refer to the manual of your smart device or follow the onscreen instructions.

5. Check that the  at the top of the LED DISPLAY lights in green (connected).

Confirm sound output from the THR30IIA Wireless by playing music from the smart device.



NOTE

- When the Bluetooth connection registration remains on both the THR30IIA Wireless and smart device, they will reconnect automatically when the THR30IIA Wireless power is turned on.

■ Editing effects and tone controls on a smart device

Install the THR Remote app to the smart device to allow editing of effects and tone controls on that device.

● Installing THR Remote (Android, iOS)

1. Access the app distribution service on the smart device.
Android devices: Google Play*
iOS devices: App Store
2. Search for the THR Remote app.
3. Download and install the THR Remote app following the onscreen instructions.

● Configuring Bluetooth MIDI

1. Start the THR Remote.
2. Touch the Bluetooth icon on the display.
3. Connect to LE_THRII following the onscreen instructions.

● Starting the THR Remote app

Start the THR Remote app on the smart device.

Press the desired [USER MEMORY] button for 2 seconds to save the settings made on the THR Remote to the THR30IIA Wireless's built-in user memory ([page 5](#)).

* Google Play and the Google Play logo are trademarks of Google LLC.

Connecting to a computer

Connecting a computer to the THR30IIA Wireless makes the following possible:

- **Playing back audio files from a computer through the THR30IIA Wireless.**
- **Recording with Cubase AI.**
- **Editing amp and effect settings using the THR Remote desktop editor.**

■ Playing back audio files from a computer through the THR30IIA Wireless

● Configuring and Operating

Select the THR30IIA Wireless as the computer's audio output setting.

Windows

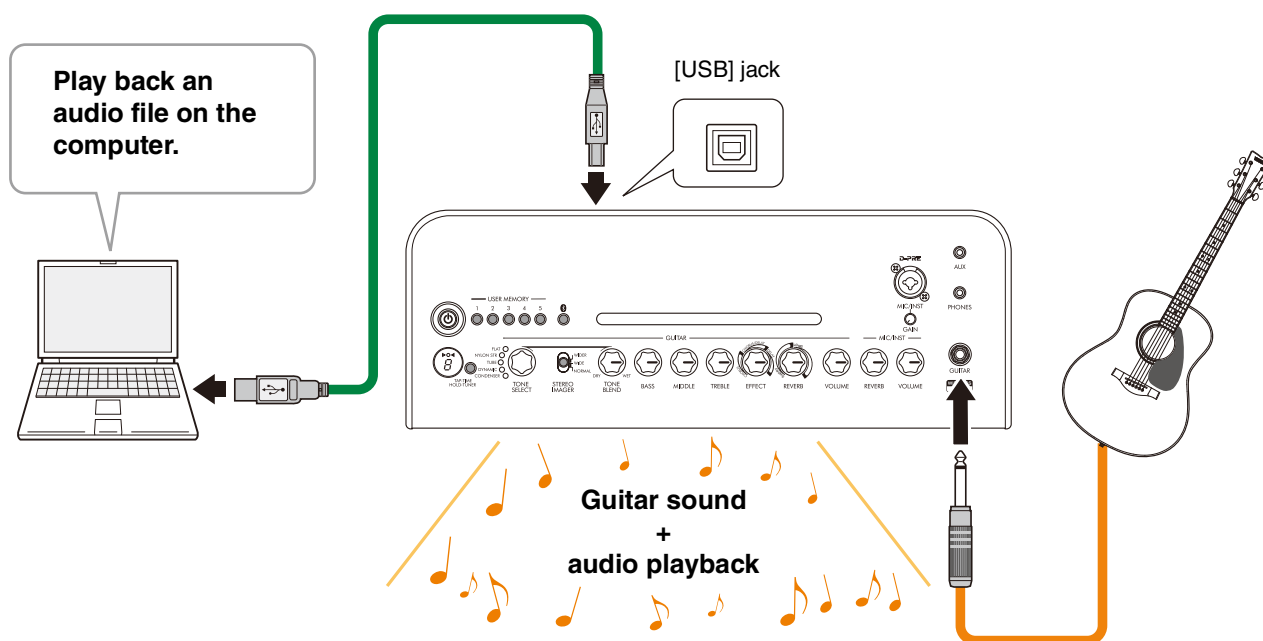
Control Panel → Sound → "Sound" tab

Mac

System Preferences → Sound → "Output" tab

Connect the computer's USB connector to the USB connector on the THR30IIA Wireless as shown in the diagram below.

USB Connection diagram



You can play your guitar along with the audio played on the computer.

■ Recording with Cubase AI

● Installing Cubase AI

A download access code for Cubase AI music production software is included with the THR30IIA Wireless. Cubase AI enables you to record, edit, mix and play back audio through your THR30IIA Wireless.

Cubase AI System Requirements

For the latest information, refer to the Steinberg website below.

<https://www.steinberg.net/>

Installing Cubase AI

Follow the instructions provided in the “Cubase AI Download Information” sheet to download*, install*, and activate* the software.

* To download, install, and activate Cubase AI, an active Internet connection is required.

● Connecting to the THR30IIA Wireless

Connect the computer's USB connector to the USB connector on the THR30IIA Wireless as shown in the diagram below. (See the USB Connection diagram on [page 13](#).)

NOTE

- For more information on operating, refer to the Help Menu within Cubase AI (see illustration below).



■ Editing effects and tone controls on a computer

● Installing the THR Remote app (Windows, Mac)

1. Access the following website and extract the THR Remote file after downloading.

<https://download.yamaha.com/>

NOTE

- Check the above website for information on system requirements.
 - The THR Remote may be updated without notice. Check the above website for the latest details and updates.
2. Install the THR Remote app to your computer.

● Configuring and Operating after Installing

Connect the computer's USB connector to the [USB] connector on the THR30IIA Wireless as shown in the diagram below. (See the USB Connection diagram on [page 13](#).)

Press the desired [USER MEMORY] button for 2 seconds to save the settings made on the THR Remote to the THR30IIA Wireless's built-in user memory ([page 5](#)).

Troubleshooting

No power

- Connect the power adaptor properly (see [page 8](#)).
- Make sure that the THR30IIA Wireless been properly charged, when the power adapter is disconnected (see [page 8](#)).

No sound

No guitar sound is output (wired connection)

- Properly connect the guitar to the [GUITAR] jack (see [page 7](#)).
- Make sure that the volume control on the guitar is turned up properly.
- Make sure that the [VOLUME] knob is not set to the minimum (see [pages 4, 5](#)).
- When the [TONE SELECT] knob is set to FLAT, make sure that the [TONE BLEND] knob is not set to the minimum (see [page 4](#)).
- Make sure a set of headphones is not connected to the [PHONES] jack; otherwise, sound will not be output from the speaker on the THR30IIA Wireless (see [page 5](#)).
- Make sure that the COMPRESSOR Level is not set to 0 on the THR Remote app (see [pages 12, 14](#)).
- Set the Tuner function OFF (see [page 3](#)).
- Make sure that the cable connecting the guitar is not damaged.

No guitar sound is output (wireless connection)

- Use a compatible Wireless Transmitter. The THR30IIA Wireless cannot connect to any guitar wireless transmitter other than a compatible Wireless Transmitter.
- Connect the Wireless Transmitter to the [GUITAR] jack located on the top of the THR30IIA Wireless for at least 10 seconds. The appropriate channel will be set automatically.
- Make sure that the volume control on the guitar is turned up.
- Set the Tuner function OFF (see [page 3](#)).

No sound is output from mic or electronic musical instrument

- Properly connect the mic or electronic musical instrument to the [MIC/INST] jack (see [page 7](#)).
- Make sure that the volume control on the electronic musical instrument is turned up properly.
- Use only a dynamic microphone; the THR30IIA Wireless cannot supply phantom power if a condenser microphone is connected.

No audio from Bluetooth source

- Confirm the status of the LED display. When the LED is unlit or flashing in green, the devices are not connected via Bluetooth (see [page 18](#)).
- When the Bluetooth configuration on the smart device is ON, turn it OFF once and configure “Playing audio files on a smart device via Bluetooth” (see [page 11](#)).
- Delete the Bluetooth registration once on the Bluetooth configuration screen on the smart device and configure “Playing audio files on a smart device via Bluetooth” (see [page 11](#)).
- Move the smart device and the THR30IIA Wireless closer together.
- Turn off the power of the THR30IIA Wireless and turn on again (see [page 8](#)).
- Restart the smart device.
 - * For details on Bluetooth configuration, refer to the manual of the smart device.
- Disconnect any other Wi-Fi and Bluetooth devices. The connection may be disrupted due to the influence of other nearby Wi-Fi or Bluetooth devices.

No audio sound is output from a computer by USB connection

- Properly connect the USB cable (see [page 13](#)).
- Confirm the configuration of the audio output port on the computer (see [page 13](#)).
- Confirm the configuration of the computer on the computer or that audio is not muted on the application.
- Make sure the USB cable connecting the devices is not damaged.

No audio sound is output from an external device by AUX connection

- Properly connect the cable to the external device (see [page 7](#)).
- Make sure that the volume control on the external device is turned up.
- Make sure the cable connecting the devices is not damaged.

Others

Audio feedback occurs

- If you are using a microphone for vocal input, make sure to position the microphone away from and at a sufficient distance from the THR30IIA Wireless.

Tap Tempo cannot be set

- Select CHORUS/DELAY or DELAY.

An “#” indication appears in the LED display

- When Extended Stereo is set to OFF, a “#” appears in the LED display (see [page 3](#)).

The THR30IIA Wireless cannot be charged

- Keep the THR30IIA Wireless at room temperature and do not use it until the built-in rechargeable battery reaches a suitable temperature. If charging cannot be performed after a sufficient time, there may be a problem with the built-in rechargeable battery. If the problem persists, consult your Yamaha dealer.

Wireless Transmitter cannot be charged

- Disconnect the Wireless Transmitter from the [GUITAR] jack, wait for at least two (2) seconds, then connect to the [GUITAR] jack on the THR30IIA Wireless again.

Volume is low

- Keep the THR30IIA Wireless at room temperature and do not use it until the built-in rechargeable battery reaches a suitable temperature. For safety reasons, the built-in rechargeable battery is designed to limit the volume when the built-in rechargeable battery's temperature rises.

The built-in rechargeable battery charge does not last

- THR30IIA Wireless's built-in rechargeable battery may have reached the end of its life. If the problem persists, consult your Yamaha dealer.
 - Charge the battery every six months to maintain the battery power function.
 - The built-in rechargeable battery has a limited life-time. The capacity decreases gradually with the number of times of use and the passage of time.
 - The lifetime of the built-in rechargeable battery depends on the storage method, usage and environment.

Specifications

Technical Specifications

Digital Section

Built-in Tones

CONDENSER*, DYNAMIC*, TUBE*, NYLON STR, FLAT

* Mic simulation

Built-in Effects

- CHORUS, CHORUS/DELAY, DELAY
- SHORT REVERB, LONG REVERB
- COMPRESSOR*

* Only available on THR Remote.

Built-in Chromatic Auto Tuner

Knob/Switch

TONE SELECT, TONE BLEND, BASS, MIDDLE, TREBLE, EFFECT, REVERB, VOLUME, MIC/INST REVERB, MIC/INST VOLUME, USER MEMORY button x 5, TAP/TUNER button, STEREO IMAGER switch, Bluetooth button

Display

LED x 1

Connections

GUITAR (standard mono-type phone jack, unbalanced),
MIC/INST (combo jack, XLR-type and phone-type, balanced/unbalanced),
LINE OUT (standard phone jack, impedance-balanced),
PHONES (stereo mini jack),
AUX (stereo mini jack),
USB TYPE B,
DC IN (15V)

A/D Converter

24-bit

D/A Converter

24-bit

Sampling Frequency

48 kHz

Memory Allocations

User Memory: 5

Input Level

GUITAR IN: -10 dBu
AUX IN: -10 dBu
MIC IN: -50 dBu
INST IN: -10 dBu

PHONES Output Level

10 mW

Rated Output

30 W (15 W + 15 W)

Maximum output during built-in rechargeable battery operation

15 W (7.5W + 7.5W)

Power Source

Power Adaptor or built-in rechargeable battery

Power Adaptor (YNT345-1530)

Built-in rechargeable battery

Power Consumption

22 W

Standby Power Consumption

0.3 W

Dimensions (W x H x D)

420 x 195 x 155 mm (16.5" x 7.7" x 6.1")

Weight

4.4 kg (9 lbs. 11 oz.)

Accessories

- Power Adaptor (YNT345-1530)
- Quick Guide
- Safety Instructions Sheet
- Service Offices list
- Cubase AI Download Information

Bluetooth

Bluetooth Version: Bluetooth Ver. 4.2

Supported Profile: A2DP

Compatible Codec: SBC

RF Output Power: Bluetooth class 2

Maximum Communication Range: 10m (33ft) (without obstacles)

* The contents of this manual apply to the latest specifications as of the publishing date. To obtain the latest manual, access the Yamaha website then download the manual file. Since specifications, equipment or separately sold accessories may not be the same in every locale, please check with your Yamaha dealer.

Power Button LED status list

■ When not using the power adaptor

Red



The power is ON

Unlit



The power is OFF

■ When using the power adaptor

Green



Charging

Red



The battery is full and the power is ON

Unlit



The battery is full and the power is OFF

Charging error indication

**Flashes
(green ↔ red)**

When the power is on



Indicates charging error

**Flashes
(green ↔ unlit)**

When the power is off



Indicates charging error

If the built-in rechargeable battery has a charging error, immediately turn off the THR30IIA Wireless power, unplug the power adapter, and consult your Yamaha dealer.

Signal Flow Diagrams

