YAMAHA

DESKTOP AUDIO SYSTEM

TSX-B15

OWNER'S MANUAL

Bluetooth®

AB

CAUTION: READ THIS BEFORE OPERATING YOUR UNIT.

1 To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.

2 Install this unit in a well ventilated, cool, dry, clean place - away from direct sunlight, heat sources, vibration, dust, moisture and cold. For proper ventilation, allow the following minimum clearances.
Top: 15 cm (6 in)
Rear: 10 cm (4 in)
Sides: 10 cm (4 in)

3 Locate this unit away from other electrical appliances, motors, or transformers to avoid humming sounds.

4 Do not expose this unit to sudden temperature changes from cold to hot, and do not locate this unit in an environment with high humidity (i.e. a room with a humidifier) to prevent condensation inside this unit, which may cause an electrical shock, fire, damage to this unit, and/or personal injury.

5 Avoid installing this unit where foreign object may fall onto this unit and/or this unit may be exposed to liquid dripping or splashing. On the top of this unit, do not place:
– Other components, as they may cause damage and/or discoloration on the surface of this unit.
– Burning objects (i.e. candles), as they may cause fire, damage to this unit, and/or personal injury.
– Containers with liquid in them, as they may fall and liquid may cause electrical shock to the user and/or damage to this unit.

6 Do not cover this unit with a newspaper, tablecloth, curtain, etc. in order not to obstruct heat radiation. If the temperature inside this unit rises, it may cause fire, damage to this unit, and/or personal injury.

7 Do not plug in this unit to a wall outlet until all connections are complete.

8 Do not operate this unit upside-down. It may overheat, possibly causing damage.

9 Do not use force on switches, knobs and/or cords.

10 When disconnecting the power cable from the wall outlet, grasp the plug; do not pull the cable.

11 Do not clean this unit with chemical solvents; this might damage the finish. Use a clean, dry cloth.

12 Only voltage specified on this unit must be used. Using this unit with a higher voltage than specified is dangerous and may cause fire, damage to this unit, and/or personal injury. Yamaha will not be held responsible for any damage resulting from use of this unit with a voltage other than specified.

13 To prevent damage by lightning, keep the power cable disconnected from a wall outlet or this unit during a lightning storm.

14 Do not attempt to modify or fix this unit. Contact qualified Yamaha service personnel when any service is needed. The cabinet should never be opened for any reasons.

15 When not planning to use this unit for long periods of time (i.e. vacation), disconnect the AC power plug from the wall outlet.

16 Be sure to read the "TROUBLESHOOTING" section on common operating errors before concluding that this unit is faulty.

17 Before moving this unit, press ⏻ to set the system to off, and disconnect the AC power plug from the wall outlet.

18 Condensation will form when the surrounding temperature changes suddenly. Disconnect the power cable from the outlet, then leave this unit alone.

19 When using this unit for a long time, this unit may become warm. Turn the system off, then leave this unit alone for cooling.

20 Install this unit near the wall outlet and where the AC power plug can be reached easily.

21 Be sure to use the AC adaptor supplied with this unit. Using an AC adaptor other than the one provided may cause fire or damage to this unit.

This unit is not disconnected from the AC power source as long as it is connected to the wall outlet, even if this unit itself is turned off by ⏻. In this state, this unit is designed to consume a very small quantity of power.

WARNING
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

• This unit's speakers use magnets. Do not place items that are sensitive to magnetism, such as CRT-type TVs, clocks, credit cards, floppy disks, etc., on or beside this unit.
• There is a chance that placing this unit too close to a CRT-based (Braun tube) TV set might impair picture color. Should this happen, move this unit away from the TV set.

Do not use this unit within 22 cm (9 inches) of persons with a heart pacemaker implant or defibrillator implant.

Radio waves may affect electro-medical devices. Do not use this unit near medical devices or inside medical facilities.

We, Yamaha Music Europe GmbH hereby declare that this unit is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Yamaha Music Europe GmbH
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Tel: +49-4101-303-0

$C\epsilon$

Information for Users on Collection and Disposal of Old Equipment

This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC.

By disposing of these products correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

[Information on Disposal in other Countries outside the European Union]
This symbol is only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

CONTENTS

■ Features

– Playback of *Bluetooth* devices, FM radio, and external devices with an AUX connector.
– Setting alarm using an FM radio.
– Supplying power to smartphones, tablets, etc. via USB port on the rear panel.
– Rich sound by 5cm full-range custom speaker and DSP (Digital Signal Processor) made by Yamaha.
– Enhanced treble and thick mid/bass, even when playing a compressed audio source, such as MP3, etc. (Music Enhancer)

• Note indicates precautions for use of the unit and its feature limitations.

• ☀ indicates supplementary explanations for better use.

■ Supplied accessories

AC adaptor
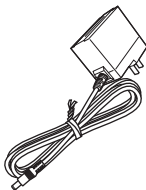
FM antenna
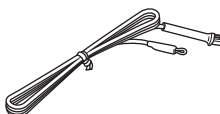
DC 12 V, 1.5 A, model number:
• Australian model
MU18-D120150-A3
• U.K. model
MU18-D120150-B2

1 *En*

■ Top panel

① VOLUME
Controls volume. When you control the volume, the volume level will be displayed on the display for a while.

② CLOCK
Sets the clock (☞ page 4).

③ ALARM
Sets the alarm (☞ page 4).

④ TUNING
Adjust the time or radio frequency (☞ page 4, 6).

⑤ PRESET
Stores up to five favorite FM radio stations (☞ page 6).

⑥ SOURCE (PAIRING)
Selects an input source from 🅑 (*Bluetooth*), **AUX**, or **RADIO**.

⑨ Grille (☞ page 3)

⑦ Display

⑧ Indicators
(⟮●⟯) (Alarm): Lights when the alarm function is on (☞ page 4).
RADIO: Lights when the radio is selected as an input source (☞ page 6).
AUX: Lights when **AUX** is selected as an input source (☞ page 10).
🅑 (*Bluetooth*): Lights when (🅑) *Bluetooth* is selected as an input source or during *Bluetooth* pairing/connection (☞ page 7, 9).

☀ Dimmer function
Press **CLOCK** repeatedly to set the brightness of the display and indicators.
3 (brightest) ➜ 2 ➜ 1 (darkest)

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⑩ ⏻
Press to turn on the system or enter standby mode.

Eco Standby mode
• This can reduce power consumption. Press and hold ⏻ for more than 3 seconds to set the system to power saving mode. All the indicators and display turn off, and *Bluetooth* operation, audio playback, input via buttons except ⏻ are disabled. To cancel Eco Standby mode, press ⏻.
• Even in standby mode or Eco Standby mode, the alarm function is available.

Auto Standby (☞ page 5)
• This unit has a function that automatically activates standby mode when no audio signal is input from a connecting device, or when the connecting device is playing at a low volume for a certain period (about 20 minutes).

Caution

A grille is attached to this product to protect the speakers.
• Since the grille cloth is made of soft material, it can be easily damaged, so do not scratch it with a sharp object.
• Do not overstress the grille cloth. If it is overstressed, it will become contorted and damaged. This may cause damage to the speakers. Be careful when handling the grille cloth.
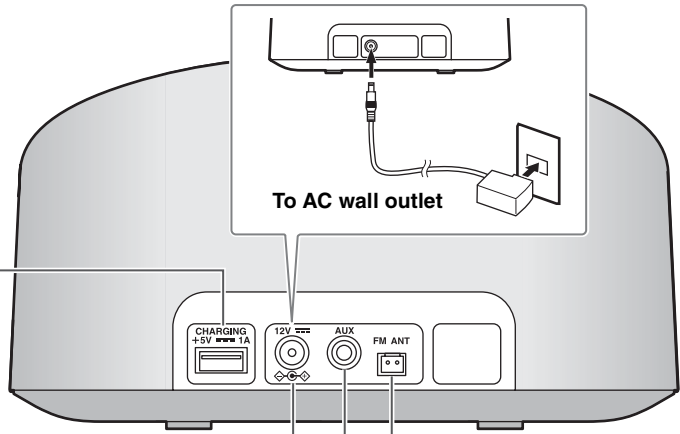
■ Rear panel

To AC wall outlet

⑪ **CHARGING**
Supplies 5 V/1 A to a portable device, such as a smartphone, when it is connected with a USB cable. (☞ page 10)

CHARGING +5V ⎓ 1A   12V ⎓   AUX   FM ANT

⑫ **12 V** ⎓
Connect the supplied AC adaptor.

⑬ **AUX**
Connect external devices with ø3.5mm stereo mini plug cables. (☞ page 10)

⑭ **FM ANT**
FM antenna terminal

Connecting the FM antenna

1

FM ANT

2
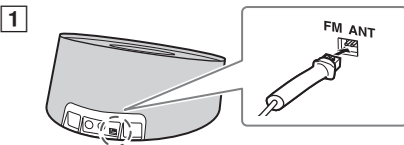
1 Connect the supplied antenna to the unit.
2 Pin the antenna where the best reception is obtained.
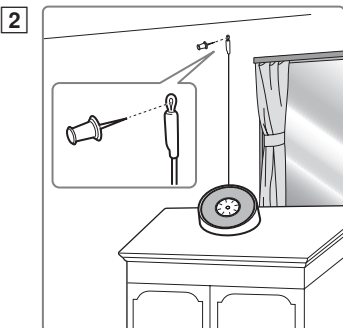
Note

• Be sure to stretch out the antenna as the illustration shows.
• If FM reception is poor, change the height or direction of the antenna, or relocate the unit.

Caution

If you listen to an FM radio station while USB charging, noise may interfere with the radio reception. In this case, disconnect the USB cable from the unit.

3 *En*

Adjusting the clock

[1] Press and hold **CLOCK** for more than 2 seconds.
The display flashes.

[2] Adjust the time with **TUNING**.

☆

If you press and hold **TUNING**, the numbers advance quickly.

[3] Press **CLOCK**.
If you want to cancel clock setting mode, press ⏻.

☆

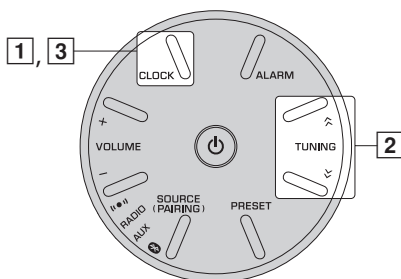If you press **PRESET** in step [2], you can select the time display method (12 hours/24 hours).

Note

The time settings are lost approximately one week after unplugging the unit.

Alarm setting

This unit can play back the radio and emit beeps at the set time.

■ Setting the time and sound

Alarm indicator ((ι ● ιι))

RADIO indicator
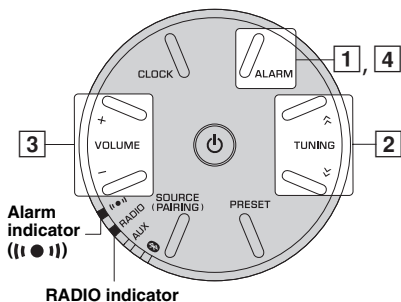
Note

If you press **ALARM** to complete the setting of the alarm without changing the alarm time and volume, the alarm setting mode will be cancelled and the alarm will not be set to on.

[1] Press and hold **ALARM** for more than 2 seconds.
The alarm indicator ((ι ● ιι)), the **RADIO** indicator and display flash.

[2] Set the alarm time with **TUNING**.

[3] Set the alarm volume with **VOLUME**.
The volume level is displayed.

[4] Press **ALARM**.
Alarm is set and the alarm indicator ((ι ● ιι)) lights.

☆

• The alarm type of this unit is the radio and beeping only.
• The radio turns on 3 minutes before the alarm time and beeping starts at the alarm time.

■ Switching the alarm on/off

Press **ALARM**.
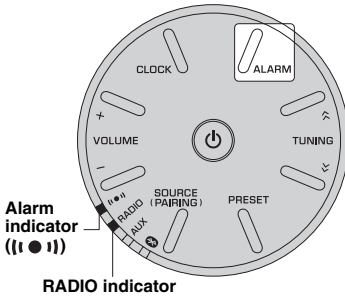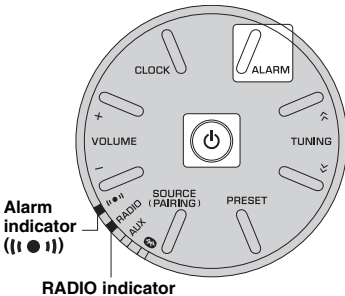When the alarm is on, the alarm indicator (**(ı ● ı)**) and the **RADIO** indicator light and the alarm time is displayed for a while.

Alarm indicator ((ı ● ı))

RADIO indicator

Operations during playing back alarm sound

At the set time, alarm sound plays back. During playback, operations below are available.

■ Stopping the alarm

Press **ALARM** or ⏻.

☼
• Unless you stop the alarm, the alarm stops after 60 minutes automatically.
• When you stop the alarm, the alarm time setting, etc., is saved for convenient use next time.
• Press any button except **ALARM** and ⏻ once to stop the beeping, and twice to stop the radio source (snooze function). 4 minutes after the radio source is stopped, it will start fading in again and after another minute the beeping will resume.
• When the snooze function is activated, the display, alarm indicator (**(ı ● ı)**) and **RADIO** indicator flash.

Alarm indicator ((ı ● ı))

RADIO indicator

Auto Standby

The system automatically enters standby mode under the following circumstance.
• No audio signal is input from a connecting device or when the connecting device is playing at a low volume for a certain period (about 20 minutes).
• If no operation is performed for more than 8 hours while music is being played back or stopped.
• Disconnect the *Bluetooth* connection from the *Bluetooth* device.

LISTENING TO FM STATIONS

Tuning radio stations
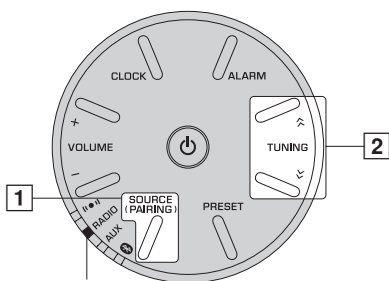
RADIO indicator

[1] Press **SOURCE** to select **RADIO**.
The **RADIO** indicator lights.
[2] For automatic tuning, press and hold
TUNING.
For manual tuning, press **TUNING**
repeatedly.

Note

If you tune into a station manually, the sound is monaural.

Presetting radio stations

You can store up to five favorite FM radio stations with the preset function.
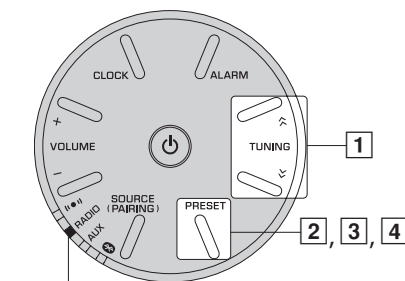
RADIO indicator

[1] Press **TUNING** to select a favorite radio
station.
The radio frequency is displayed temporally.

$$88.35$$
MHz

[2] Press and hold **PRESET** for more than
2 seconds.
The preset number is displayed on the display and
flashes.

$$P1$$

[3] Press **PRESET** to select the preset
number you want to store to.
The preset number is displayed as follows:
P1 ➔ P2 ➔ P3 ➔ P4 ➔ P5 ➔ P1
[4] Press and hold **PRESET** for more than
2 seconds to complete.

Selecting preset radio stations
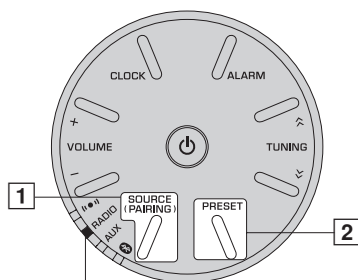
RADIO indicator

[1] Press **SOURCE** to select **RADIO**.
The **RADIO** indicator lights.
[2] Press **PRESET** repeatedly to select the
preset radio station.

LISTENING TO MUSIC FROM YOUR *Bluetooth* DEVICE

This unit provides *Bluetooth* functionality. You can enjoy wireless music playback from your *Bluetooth* device (smartphone, digital audio player, etc.). Please also refer to the owner's manual of your *Bluetooth* device.

Installation

Within 10 m (33 ft)

Install in a stable place, being careful of the following points:
- Do not place on top of steel or other metal plates.
- Do not cover with a cloth, etc.
- Install in the same room as the device with which signals are to be exchanged (*Bluetooth* profile A2DP compatible smartphone, digital audio player, etc.) within a direct line-of-sight distance of 10 m (33 ft).
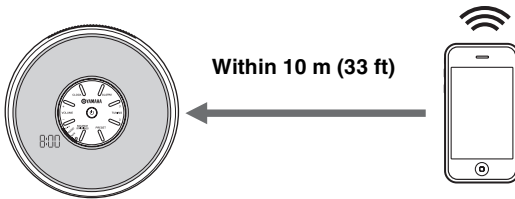- Make sure there are no obstacles between this unit and the *Bluetooth* device.

Pairing this unit with your Bluetooth device

☀ What is pairing?
Pairing is an operation that registers the communicating device (subsequently called "the connecting device") with this unit. You will need to perform the pairing operation the first time you use your *Bluetooth* device with this unit, or if the pairing settings have been deleted. Once pairing has been completed, subsequent reconnection will be easy even after the *Bluetooth* connection is disconnected. If pairing is not successful, refer to the item "*Bluetooth*" in "TROUBLESHOOTING" (☞ page 12).

Note
- This unit can be paired with up to four connecting devices. When pairing with the fifth device has succeeded, pairing data for the device with the oldest connection date will be deleted.
- If this unit is connected via *Bluetooth* to another device, press and hold **SOURCE** to disconnect the *Bluetooth* connection before you perform the pairing operation.
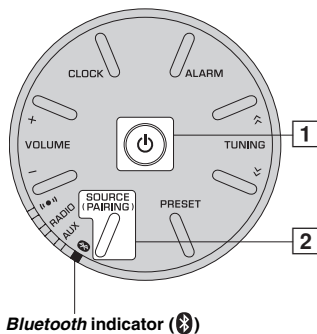
Bluetooth
- *Bluetooth* is a technology for wireless communication between devices within an area of about 10 meters (33 ft) employing the 2.4 GHz frequency band, a band which can be used without a license.
- *Bluetooth* is a registered trademark of the *Bluetooth* SIG and is used by Yamaha in accordance with a license agreement.

Handling *Bluetooth* communications
- The 2.4 GHz band used by *Bluetooth* compatible devices is a radio band shared by many types of equipment. While *Bluetooth* compatible devices use a technology minimizing the influence of other components using the same radio band, such influence may reduce the speed or distance of communications and in some cases interrupt communications.
- The speed of signal transfer and the distance at which communication is possible differs according to the distance between the communicating devices, the presence of obstacles, radio wave conditions and the type of equipment.
- Yamaha does not guarantee all wireless connections between this unit and devices compatible with *Bluetooth* function.

■ Pairing (Registration)

Bluetooth indicator ( )

1 Turn on the system.

2 Press and hold **SOURCE** for more than 2 seconds to enter paring mode.
   - Pairing mode lasts for 5 minutes.
   - In paring mode, the *Bluetooth* indicator ( ) will light in orange and blue alternately.

– If using an iPhone/iPad/iPod touch

3 **Bluetooth ON**

4 * * * * * * * *
   TSX-B15 Yamaha
   * * * * * * * *

Within about 5 minutes
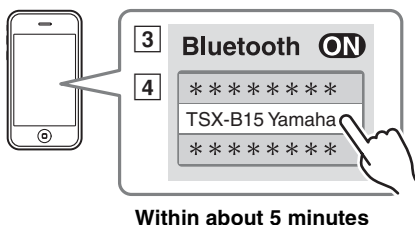
3 On your iPhone/iPad/iPod touch, turn [Settings] → [*Bluetooth*] on.
   The *Bluetooth* connection list will appear in [Devices].
   (This procedure or display may differ depending on the type of your iPhone/iPad/iPod touch.)

4 From the *Bluetooth* connection list of the connecting device, choose this unit (TSX-B15 Yamaha).
   - When pairing has been completed, your iPhone/iPad/iPod touch will indicate "Connected".
   - The *Bluetooth* indicator ( ) will light in blue.

– If using other than an iPhone/iPad/iPod touch

3 **Bluetooth ON**

4 * * * * * * * *
   TSX-B15 Yamaha
   * * * * * * * *

PIN 0 0 0 0

1	2	3
4	5	6
7	8	9
	0	

Within about 5 minutes
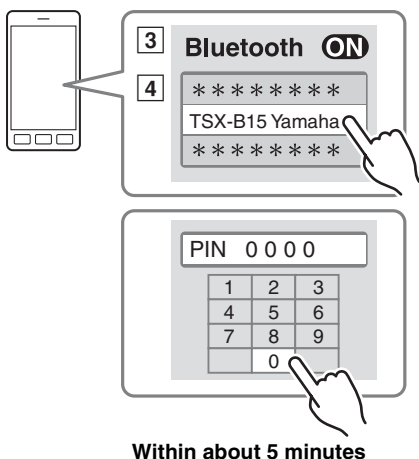
3 Perform *Bluetooth* pairing on the connecting device.
   For details, refer to the owner's manual of the connecting device.

4 From the *Bluetooth* connection list of the connecting device, choose this unit (TSX-B15 Yamaha).
   When pairing has been completed, the *Bluetooth* indicator ( ) will light in blue.
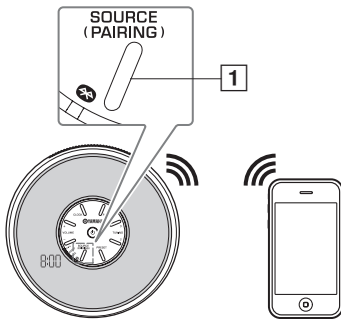
☼
If you are prompted for a passkey, enter the numerals "0000".

> **Note**
> Check that the pairing process on the connecting device has been completed. If the pairing process fails, start over from step 2. For details, see the connecting device's operating instructions.

Listening to a Bluetooth device

1 Press **SOURCE** to select 🅱 (*Bluetooth*).
2 Connect this unit and your connecting device via *Bluetooth*.
3 Play back music from your connecting device.

Note
Take care that the volume setting of this unit is not too high. We recommend that you adjust the volume on the connecting device.

☀️
• While the system is in standby mode, if you connect a *Bluetooth* device to the unit, the system will automatically turn on.
• If you disconnect the *Bluetooth* connection from the connecting device, the system will enter standby mode.

Connecting an already-paired device via Bluetooth

Once pairing with a device has been completed, connecting with that device via *Bluetooth* will be easy next time.

■ Connecting from this unit
Press **SOURCE** to select 🅱 (*Bluetooth*).
The *Bluetooth* indicator (🅱) will light in orange.
This unit will search for the connecting device that was most recently connected via *Bluetooth*, and will then establish a connection (You must first turn on the *Bluetooth* setting of the connecting device).
When the *Bluetooth* connection has been established, the *Bluetooth* indicator (🅱) will light in blue.

Note
Yamaha does not guarantee all connections between this unit and *Bluetooth* device.

■ Connecting from the connecting device
1 In the *Bluetooth* settings of the connecting device, turn *Bluetooth* on.
2 From the *Bluetooth* connection list of the connecting device, choose this unit (TSX-B15 Yamaha).
   The *Bluetooth* connection will be established, and the *Bluetooth* indicator (🅱) will light in blue.

Note
Bluetooth connections cannot be established from the connecting device when this unit is in Eco Standby mode. Turn the system on.

Disconnecting a Bluetooth connection

If any of the following operations are performed while a *Bluetooth* connection is established, the *Bluetooth* connection will be disconnected.
• Press and hold **SOURCE** for more than 2 seconds.
• Press **SOURCE** to select a playback source other than 🅱 (*Bluetooth*).
• Press ⏻ to enter standby mode.
• Disconnect the *Bluetooth* connection from the *Bluetooth* device.

LISTENING TO EXTERNAL SOURCES

Rear panel

AUX

AUX indicator
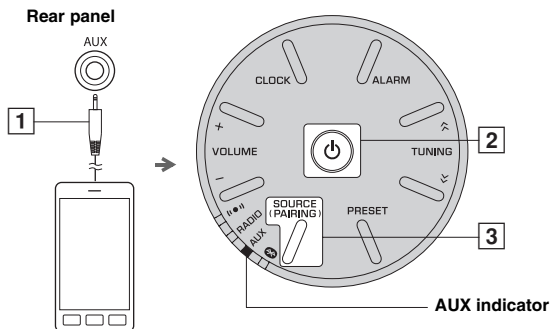
1. Connect your portable audio device to **AUX** using a commercially available 3.5 mm (1/8 in) mini plug cable.

   Note

   Turn down the volume of this unit and your portable audio device before connection.

2. Turn on the system.

3. Press **SOURCE** to set the playback source to **AUX**.
   The **AUX** indicator lights.

4. Start playback on the connected portable audio device.

CHARGING WITH THE USB PORT

Connecting a portable device such as a smartphone or tablet computer to the USB port on this unit charges the connected device (power supply of up to 5 V/1 A is supported).
Prepare a USB cable that is compatible with the portable device and confirm that the device is supported for charging via USB connection before use. In addition, read the documentation provided with the portable device.

Rear panel

CHARGING
+5V ⎓ 1A

CHARGING
+5V ⎓ 1A

USB cable from portable device
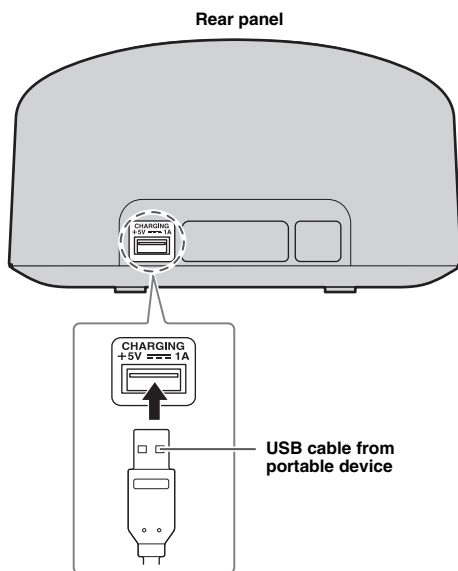
1. Connect your portable device to the USB port on this unit using a commercially available USB cable.
   Charging automatically starts.

2. Disconnect the USB cable from the unit when charging completes.
   Check the charging status on the portable device.

Note

- **The USB port is for charging use only. The USB port does not support audio playback.**
- Charging may not be possible depending on the portable device.
- In Eco Standby mode, power supply stops, and charging is not available.
- This unit does not function as memory storage.
- Yamaha will not be held responsible for any damage to the portable device or data loss occurred while using this unit.
- Disconnect the USB cable immediately after charging completes, since power continues to be supplied to the connected device.

TROUBLESHOOTING

Refer to the table below if the unit does not operate properly. If the problem you are experiencing is not listed below, or if the instruction below does not help, press ⏻ to enter standby mode, disconnect the power cable, and contact the nearest authorized Yamaha dealer or service center.

General

Problem	Cause	Solution
The speakers make no sound.	The volume may be set to the minimum level.	Adjust the volume level.
	The source may be incorrect.	Select the correct source.
	The unit is setting the alarm.	Press **ALARM** to complete the alarm setting.
Sound suddenly turns off.	Auto Standby function is enabled.	Turn on the system and play the source again.
	Since the connecting device outputs at a very low volume, the Auto Standby function is enabled.	Raise the volume of the connecting device.
Sound is cracked/distorted or there is abnormal noise.	Input source volume is excessive, or volume of this unit is excessive.	Adjust the volume with **VOLUME**.
The unit does not operate properly.	The unit may have received a strong electrical shock such as lightning or excessive static electricity, or power supply may have dropped.	Press ⏻ to enter standby mode and disconnect the power cable. Wait about 30 seconds, reconnect the power cable, and turn on the system.
The system turns on but immediately shuts off.	The power cable may be connected improperly.	Make sure the power cable is plugged into the wall outlet firmly.
	The unit may have received a strong electrical shock such as lightning or excessive static electricity.	Disconnect the power cable. Wait about 30 seconds, reconnect the power cable, and turn on the system.
A digital or high-frequency equipment produces noises.	The unit may be placed too close to the digital or high-frequency equipment.	Place the unit farther away from the equipment.
The clock setting has been cleared.	The unit is left more than one week after you disconnect the power cable from the wall outlet.	Plug the power cable into the wall outlet firmly, and set the clock again (☞ page 4).
The clock flashes.	The unit is setting **CLOCK** or **ALARM**.	Press ⏻ to cancel setting **CLOCK** or **ALARM**.

FM radio reception

Problem	Cause	Solution
Too much noise during stereo broadcast.	The radio station you selected may be far from your area, or the radio wave reception is weak in your area.	Try manual tuning to improve the signal quality (☞ page 6) or change the height or direction of the antenna, or relocate the unit (☞ page 3).

Bluetooth

Problem	Cause	Solution
Cannot make this unit paired with the connecting device.	The connecting device does not support A2DP.	Perform pairing operations with a device which supports A2DP.
	The passkey of the connecting device that you want to pair with this unit is a passkey other than "0000".	Use a connecting device with a passkey "0000".
	This unit and the connecting device are too far apart.	Move the connecting device closer to this unit.
	There is a device (microwave oven, wireless LAN, etc.) that outputs signals in the 2.4 GHz frequency band nearby.	Move this unit away from the device that is emitting radio-frequency signals.
	The unit is in standby mode.	Turn the unit on and perform paring (☞ page 8).
	Another *Bluetooth* device is connected.	Terminate current *Bluetooth* connection, and perform pairing with the new device.
Cannot establish a *Bluetooth* connection.	This unit is not registered on the connecting device's *Bluetooth* connection list.	Perform pairing operations again (☞ page 7).
	The unit is in Eco Standby mode.	Turn the unit on, then establish a *Bluetooth* connection (☞ page 9).
	Another *Bluetooth* device is connected.	Terminate current *Bluetooth* connection, then establish a *Bluetooth* connection with that device again.
	The *Bluetooth* function of the device is turned off.	Turn on the *Bluetooth* function of the device.
	The pairing information has been deleted.	Perform pairing again (☞ page 7). This unit can be paired with four devices. If pairing with the fifth device is performed, the pairing information with the earliest connection date will be deleted.
		Delete any pairing history of TSX-B15 on the iPhone/iPad/iPod touch, then pair with the TSX-B15 again (☞ page 8).
No sound is produced or the sound is interrupted during playback.	The *Bluetooth* connection of this unit with the connecting device is disconnected.	Perform *Bluetooth* connection operations again (☞ page 9).
	This unit and the connecting device are too far apart.	Move the connecting device closer to this unit.
	There is a device (microwave oven, wireless LAN, etc.) that outputs signals in the 2.4 GHz frequency band nearby.	Move this unit away from the device that is emitting radio-frequency signals.
	The connecting device's *Bluetooth* function is off.	Turn on the *Bluetooth* function of the connecting device.
	The connecting device is not set to send *Bluetooth* audio signals to this unit.	Check that the *Bluetooth* function of the connecting device is set properly.
	The pairing setting of the connecting device is not set to this unit.	Set the pairing setting of the connecting device to this unit.
	The connecting device's volume is set to the minimum.	Increase the volume level.
	The connecting device is connected to more than two *Bluetooth* speakers and this unit (TSX-B15) is not selected as a playback device.	Select this unit as a playback device for the connecting device.

USB port charging

Problem	Cause	Solution
Cannot charge the connected portable USB device.	An incompatible USB device is connected to the unit. Or the USB device is not connected to this unit properly.	Press ⏻ to enter standby mode, and reconnect the USB device to the unit. If it does not resolve the problem, the USB device is not chargeable with the unit.

SPECIFICATIONS

■ PLAYER SECTION

AUX IN
• Input connector
............STEREO L/R: 3.5 mm (1/8 in) STEREO mini Jack

■ AMPLIFIER SECTION
• Driver unit ....5 cm (2 in) full-range driver × 2

■ *Bluetooth* SECTION
• *Bluetooth* version...Ver. 3.0
• Supported protocols...A2DP
• Supported codecs..SBC
• Wireless output..*Bluetooth* Class 2
• Maximum communication distance
.... 10 m (33 ft) (without obstructions)
• Supported contents protection .... SCMS-T method

■ TUNER SECTION
• Tuning range (FM) ....87.5 to 108.0 MHz

■ CHARGING CONNECTOR SECTION
• Connector type .... USB type A
• Output rating..5 V/1 A

■ GENERAL
• Power Supply .... AC 100 to 240 V 50/60 Hz
• Power consumption ....11 W
• Standby consumption
(Clock displayed, *Bluetooth* ready for connection) ....1.0 W
• Eco Standby consumption ....0.2 W
• Time of power management (Auto Standby)
.... No sound: about 20 minutes
....No operation: about 8 hours
• Weight... 0.9 kg (2.0 lbs.)
• Dimensions

180 mm (7-1/8 in)

200 mm (7-7/8 in)

100 mm (3-7/8 in)
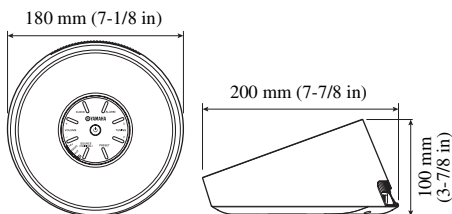
Specifications are subject to change without notice.

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iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

■ For U.K. customers

If the socket outlets in the home are not suitable for the plug supplied with this appliance, it should be cut off and an appropriate 3 pin plug fitted. For details, refer to the instructions described below.

Note

The plug severed from the mains lead must be destroyed, as a plug with bared flexible cord is hazardous if engaged in a live socket outlet.

■ Special Instructions for U.K. Model

IMPORTANT
THE WIRES IN MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE:

Blue: NEUTRAL
Brown: LIVE
As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.
Make sure that neither core is connected to the earth terminal of the three pin plug.

AVEEA71102B

Important Notice: Guarantee Information for customers in EEA* and Switzerland | English

For detailed guarantee information about this Yamaha product, and Pan-EEA* and Switzerland warranty service, please either visit the website address below (Printable file is available at our website) or contact the Yamaha representative office for your country. * EEA: European Economic Area

http://europe.yamaha.com/warranty/

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