




DESKTOP AUDIO SYSTEM


# TSX-B15D

OWNER'S MANUAL



# 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



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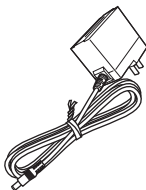
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### ■ Features

- Playback of *Bluetooth* devices, DAB/FM radio, and external devices with an AUX connector.
  - Setting alarm using a DAB/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



DAB/FM antenna



DC 12 V, 1.5 A,  
model number:

- Australian model  
MU18-D120150-A3
- U.K. model  
MU18-D120150-B2

Antenna for receiving DAB/FM.

## 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.

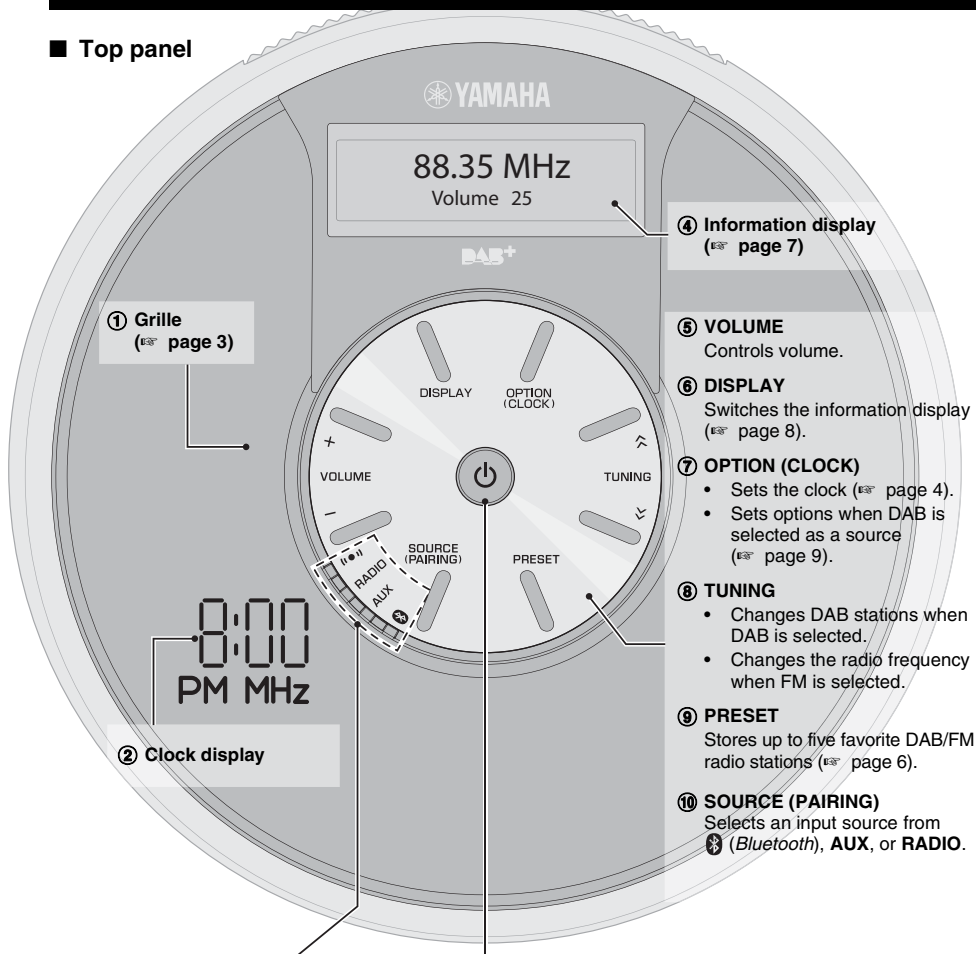
For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

### **[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.

# NAMES OF PARTS AND THEIR FUNCTIONS

## ■ Top panel



① **Grille**  
(☞ page 3)

② **Clock display**

### ③ **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 13).

Ⓜ **(Bluetooth)**: Lights when Ⓜ **(Bluetooth)** is selected as an input source or during **Bluetooth** pairing/connection (☞ page 10, 11).



### **Dimmer function**

When in standby mode, press **DISPLAY** repeatedly to set the brightness of the displays and indicators.

3 (brightest) → 2 → 1 (darkest)

④ **Information display**  
(☞ page 7)

⑤ **VOLUME**  
Controls volume.

⑥ **DISPLAY**  
Switches the information display (☞ page 8).

⑦ **OPTION (CLOCK)**

- Sets the clock (☞ page 4).
- Sets options when DAB is selected as a source (☞ page 9).

⑧ **TUNING**

- Changes DAB stations when DAB is selected.
- Changes the radio frequency when FM is selected.

⑨ **PRESET**  
Stores up to five favorite DAB/FM radio stations (☞ page 6).

⑩ **SOURCE (PAIRING)**  
Selects an input source from Ⓜ **(Bluetooth)**, **AUX**, or **RADIO**.



Ⓜ **Power**: 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 displays turn off, and **Bluetooth** operation, audio playback, input via buttons except Ⓜ are disabled. To cancel Eco Standby mode, press Ⓜ.
- The alarm function is not available in Eco standby mode.

### **Auto Standby** (☞ page 5)

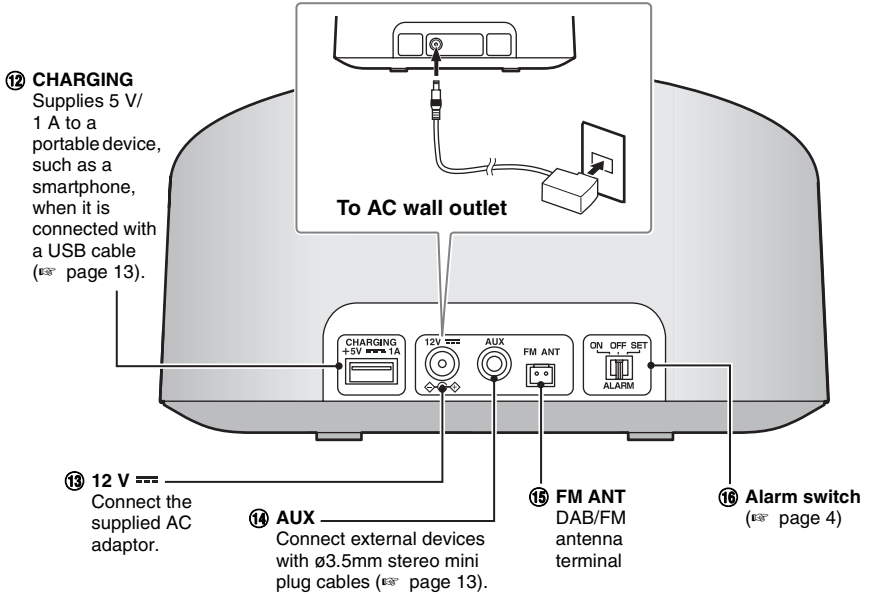
- This unit has a function that automatically activates standby mode. Since you do not have to turn on or off the system every time, you can save energy.

**Caution**

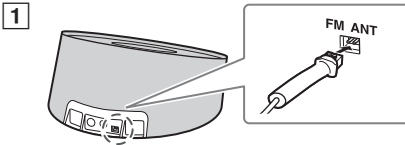
A grille is attached to this product to protect the speakers.

- 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**



**Connecting the DAB/FM antenna**



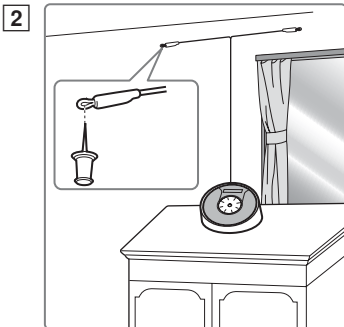
- 1** Connect the supplied antenna to the unit.
- 2** Pin the antenna where the best reception is obtained.

**Note**

- The supplied antenna is for receiving DAB/FM.
- Be sure to stretch out the antenna as the illustration shows.
- If DAB/FM reception is poor, change the height or direction of the antenna, or relocate the unit.

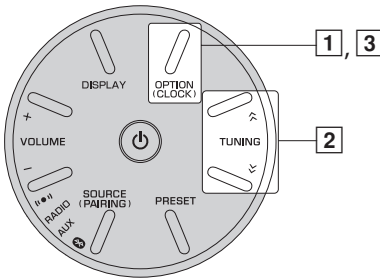
**Caution**

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



# BASIC FUNCTIONS

## Adjusting the clock



### Note

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

- 1 Press and hold **OPTION** for more than 2 seconds.  
The clock display flashes.



- 2 Adjust the time with **TUNING**.



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

- 3 Press **OPTION**.

If you want to cancel clock setting mode, press **POWER**.

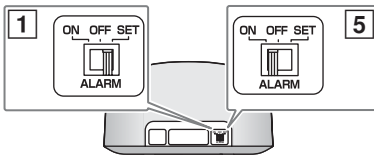


- If you press **PRESET** in step 2, you can select the time display method (12 hours/24 hours).
- This unit's clock can be updated in conjunction with the clock information from the DAB station when receiving DAB signals (see page 9).

## Alarm setting

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

### ■ Setting the time and sound

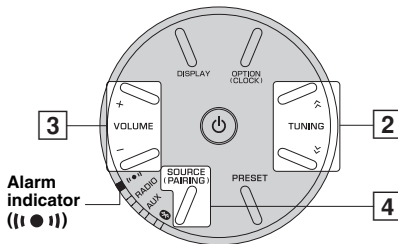


#### Alarm switch

**ON:** Enables the alarm.

**OFF:** Disables the alarm.

**SET:** Sets the alarm.



Alarm indicator  
(● ●)

- 1 Set the alarm switch on the rear panel to **SET**.

The alarm indicator (● ●) and clock display flash.



- 2 Set the alarm time with **TUNING**.

- 3 Set the alarm volume with **VOLUME**.

The volume level is displayed on the information display.

- 4 Set the alarm source with **SOURCE**.

Select DAB or FM for the source that will be played at the alarm time.

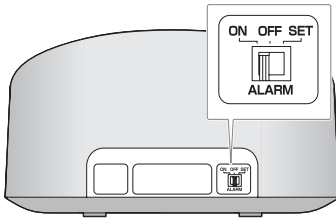
The playback source will be displayed on the information display.

- 5 Set the alarm switch to **ON** or **OFF**.

Alarm setting will be completed.

When the alarm switch on the rear panel is set to **ON**, the alarm indicator (● ●) will light.

## ■ Switching the alarm on/off



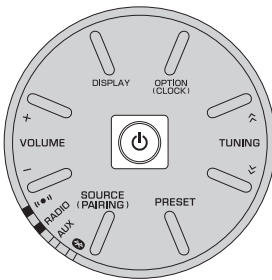
You can switch the alarm to **ON** or **OFF** with the alarm switch.


When the alarm is on, the alarm indicator ((●●)) lights.

## Operations during playing back alarm sound


At the set time, alarm sound plays back.

## ■ Stopping the alarm



Press .



- Unless you stop the alarm, the alarm stops after 60 minutes automatically.
- If you press any button except  while the alarm is activating, the alarm sound will stop for about 5 minutes (snooze function).

## Auto Standby

The system automatically enters standby mode under the following circumstance.

- If no operation is performed for more than 8 hours while music is being played back or stopped.
- If more than 20 minutes have passed while all the 3 conditions (below) are met.
  - Bluetooth is selected as a playback source.
  - Bluetooth connection not established
  - No operation

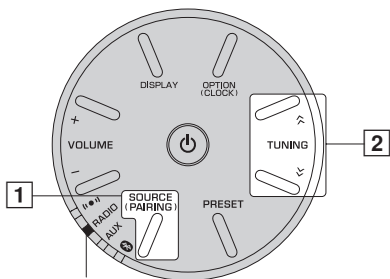
## ■ Activating/Deactivating Auto Standby

Press and hold **PRESET** for 3 seconds during standby mode. Auto Standby will alternately turn on and off. The information will appear for several seconds on the clock display.

- Activate: ON (default setting)
- Deactivate: OFF

# LISTENING TO FM STATIONS

## Tuning radio stations



RADIO indicator

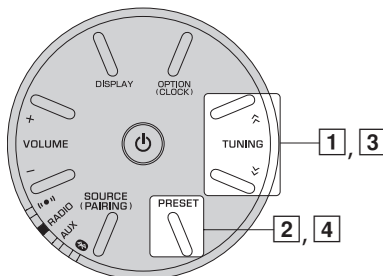
- 1 Press **SOURCE** to select **RADIO**.  
The **RADIO** indicator lights.  
If you want to check if this unit is currently receiving DAB or FM, see the information display.
- 2 For automatic tuning, press and hold **TUNING**.  
For manual tuning, press **TUNING** repeatedly.

### 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.

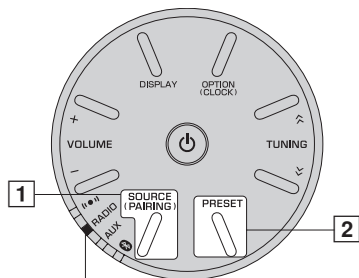


- 1 Press **TUNING** to select a favorite radio station.  
The radio frequency is displayed temporarily.
- 2 Press and hold **PRESET** for more than 2 seconds.



- 3 Press **TUNING** to select the preset number you want to store to.
- 4 Press **PRESET** 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 DAB STATIONS

DAB (Digital Audio Broadcasting) and DAB+ use digital signals for clearer sound and more stable reception compared to analog signals.

DAB+ is based on the original DAB standard but uses a more efficient audio codec.

DAB and DAB+ are broadcast in blocks of data called “ensembles” containing up to several radio stations that are simultaneously broadcast.

DAB and DAB+ can also include an extensive amount of text information, enabling you to select a station by name.

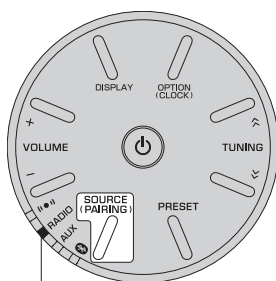
Other information, such as the ensemble name or the status of the digital signal, can be displayed on the information display.

“DAB” described in this manual may also refer to “DAB+”.

## Preparing for DAB reception

### Full Scan

Before tuning into DAB stations, Full Scan must be performed. When you select the DAB for the first time, Full Scan is performed automatically. It scans all the radio frequencies to search the receivable DAB stations.



RADIO indicator

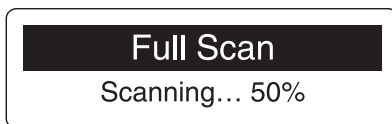
#### Note

To perform Full Scan, press **OPTION** to scan manually.

Press **SOURCE** and set DAB as the playback source.

The **RADIO** indicator lights and Full Scan starts.

During the scan, the degree of progress is displayed on the information display.

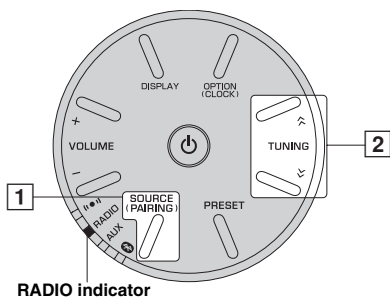


Scan is completed.

“Completed” and the number of receivable DAB stations appear on the information display.



## Tuning DAB stations



RADIO indicator

**1** Press **SOURCE** and set DAB as the playback source.

The **RADIO** indicator lights.

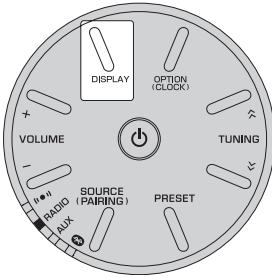
**2** Press **TUNING** to tune the DAB station. While receiving DAB, switch on the information display.

When the unit does not receive a DAB signal, “Off Air” is displayed instead of the DAB station name.



- ① **Signal strength indicator:**  
Shows current signal strength.
- ② **Secondary indicator:**  
Some stations have sub (secondary) stations. If a secondary station is playing, the secondary indicator is displayed.
- ③ **DAB station name**
- ④ **DAB station Information**  
For details, refer to "Switching DAB station information". (See below.)

## Switching DAB station information



Press **DISPLAY** repeatedly to select DAB station information.

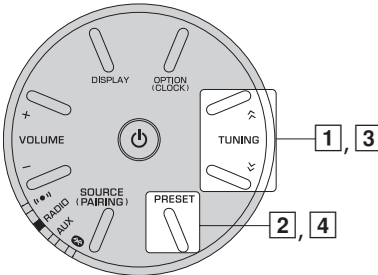
Information is displayed in the order shown below.

### Text information

- ➔ **Ensemble name**  
( is displayed before the ensemble name.)
- ➔ **Status 1** (channel label and frequency)
- ➔ **Status 2** (MP2 or AAC+ and signal quality)
- ➔ **Back to the top.**

## Storing DAB stations (preset)

Use the preset function to store your favorite 5 stations.

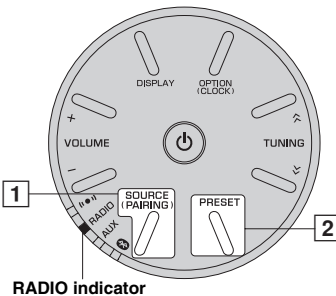


- ① Press **TUNING** to tune into your favorite DAB station.
- ② Press and hold **PRESET** for more than 2 seconds.



- ③ Press **TUNING** to select the preset number you want to store to.
- ④ Press **PRESET** to complete.

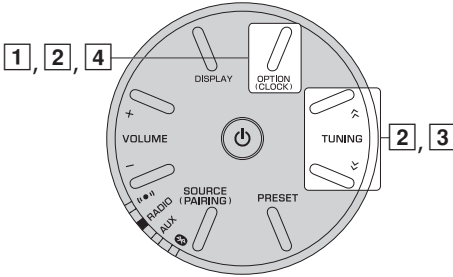
## Selecting preset DAB stations



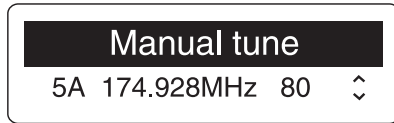
- ① Press **SOURCE** and set DAB as the playback source.  
The **RADIO** indicator lights.
- ② Press **PRESET** repeatedly to select the preset DAB station.

## Confirming the reception

You can confirm the DAB signal level. This is useful when you set the antenna.



- 1 Press **OPTION** when the source is “DAB”.  
Option menu is shown on the information display.
- 2 Press **TUNING** to select “Manual tune”  
and press **OPTION**.
- 3 Press **TUNING** to change the channel  
label.  
The measured DAB signal reception level is  
displayed.  
The level is from 0 (none) to 100 (best).



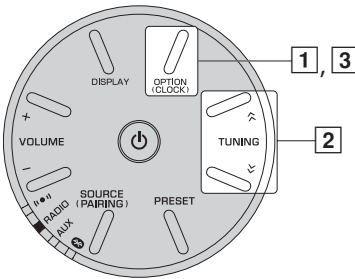
- 4 Press **OPTION** to exit the option setting.



When performing Manual tune and the DAB signal is weak, try adjusting the position of the antenna to obtain good reception.

## DAB optional settings

While listening to a DAB station, the functions listed below are available.



You can perform these functions by the following steps.

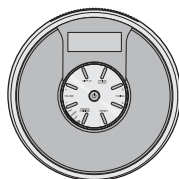
- 1 Press **OPTION**.
- 2 Press **TUNING** to select the setting.
- 3 Press **OPTION** to confirm.

“Option” menu	Function	page
Full Scan	Scans stations manually.	7
Clock auto-update	This unit’s clock can be updated automatically in conjunction with the clock information received from DAB station. You can set this function to “ON”/ “OFF”. (Default setting is set to “OFF”.)	-
Manual tune	You can specify the DAB frequency band and it shows the level of the DAB signal. This function can be used when installing the DAB/FM antenna to check the signal strength.	9
Back	Exits the “Option” menu.	-

# 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

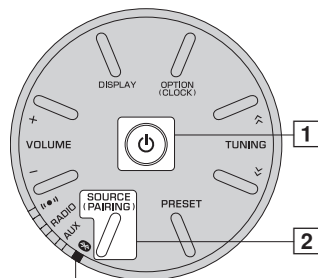
### ☀ What is pairing?

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 16).

### Note

- This unit can be paired with up to eight connecting devices. When pairing with a ninth 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.

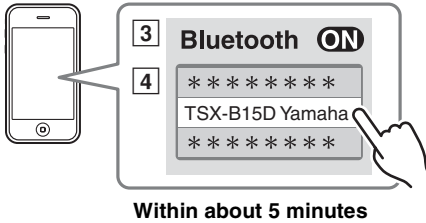
### ■ Pairing (Registration)



*Bluetooth* indicator (📶)

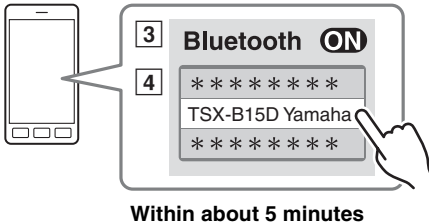
- 1 Turn on the system.
- 2 Press and hold **SOURCE** for more than 2 seconds to enter pairing mode.
  - Pairing mode lasts for 5 minutes.
  - In pairing mode, the *Bluetooth* indicator (📶) will light in orange and blue alternately.

### – If using an iPhone/iPad/iPod touch



- 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-B15D 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 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-B15D Yamaha).  
When pairing has been completed, the *Bluetooth* indicator (📶) will light in blue.

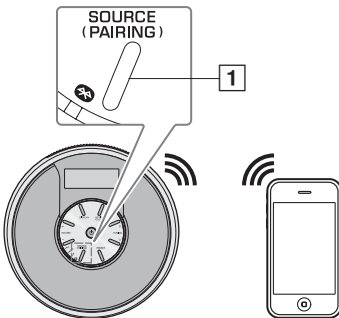


If you are prompted for a passkey, enter the numerals “0000”.

#### 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, refer to the owner’s manual of the connecting device.

## 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.

## 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.

## 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.

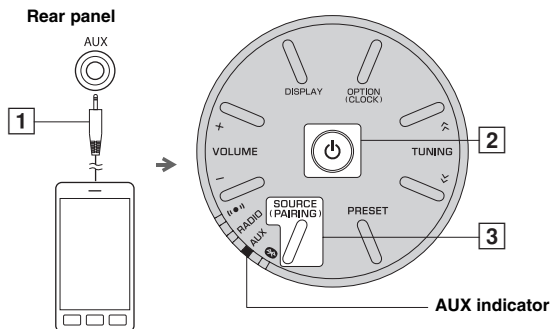
### *Bluetooth*

- *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.

## LISTENING TO EXTERNAL SOURCES



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

### Note

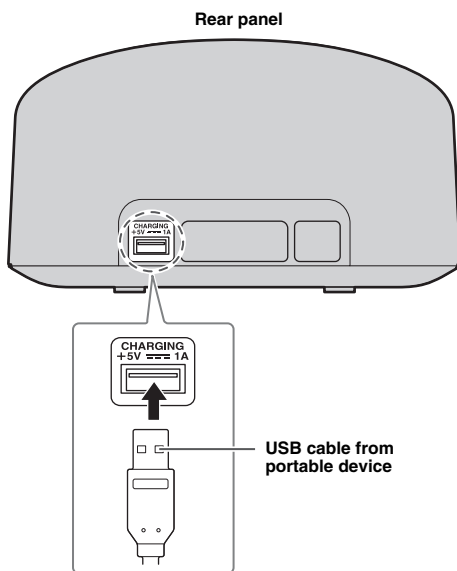
Turn down the volume of this unit and your portable audio device before connection.

- 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.



- 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
<b>The speakers make no sound.</b>	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.	Set the alarm switch to <b>ON</b> or <b>OFF</b> to complete the alarm setting.
<b>Sound suddenly turns off.</b>	Auto Standby function is enabled.	Turn on the system and play the source again. Deactivate the Auto Standby (  page 5).
<b>Sound is cracked/distorted or there is abnormal noise.</b>	Input source volume is excessive, or volume of this unit is excessive.	Adjust the volume with <b>VOLUME</b> .
<b>The unit does not operate properly.</b>	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.
<b>The system turns on but immediately shuts off.</b>	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.
<b>A digital or high-frequency equipment produces noises.</b>	The unit may be placed too close to the digital or high-frequency equipment.	Place the unit farther away from the equipment.
<b>The clock setting has been cleared.</b>	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).
<b>The clock flashes.</b>	The unit is setting the clock.	Press  to cancel setting the clock.
	The unit is setting the alarm. The alarm switch on the rear panel is set to <b>SET</b> .	Set the alarm switch on the rear panel to <b>ON</b> or <b>OFF</b> to complete the setting.

### Resetting the unit

If this unit does not function properly, resetting this unit may solve the problem. To reset this unit, press and hold  for more than 5 seconds.



**DAB reception**

<b>Problem</b>	<b>Cause</b>	<b>Solution</b>
<b>Cannot tune into any DAB stations.</b>	Full Scan operations were not performed.	Perform Full Scan operations (☞ page 7).
	There is no DAB coverage in your area.	Check with your dealer or WorldDMB Online at “ <a href="http://www.worlddab.org">http://www.worlddab.org</a> ” for a listing of the DAB coverage in your area.
	The DAB signals are too weak.	Change the height, direction, or placement of the antenna.
<b>Full Scan operations are not successful and “Not found” appears on the information display.</b>	The DAB signals are too weak.	
	There is no DAB coverage in your area.	Check with your dealer or WorldDMB Online at “ <a href="http://www.worlddab.org">http://www.worlddab.org</a> ” for a listing of the DAB coverage in your area.
	The positioning of the antenna is not optimal for DAB reception.	Use the Manual tune feature to conform the best position of the antenna (☞ page 9).
<b>The DAB station reception is weak.</b>	The DAB signals are too weak.	Change the height, direction, or placement of the antenna.
<b>No DAB radio reception even after performing Full Scan.</b>	Reception strength of DAB radio is poor.	Check reception strength in “Manual tune” in the “Option” menu (☞ page 9), and adjust the antenna height or orientation, or place it in a different location.
<b>DAB radio reception is weak or noisy.</b>	There is multi-path interference.	Check reception strength in “Manual tune” in the “Option” menu (☞ page 9), and adjust the antenna height or orientation, or place it in a different location.
	Your area is too far from the DAB station transmitter.	Use an outdoor antenna. We recommend using a sensitive multi-element antenna.
<b>DAB information is not available or is inaccurate.</b>	The selected DAB radio station may be temporarily out of service or may not provide information.	Contact the DAB broadcaster.
<b>No DAB radio sound.</b>	The selected DAB radio station may be temporarily out of service.	Try the station later or select another station.
		Use the Manual tune feature to conform the best position of the antenna (☞ page 9).
<b>There is noise interference (e.g. hiss, crackle, or jitter).</b>	The antenna needs to be repositioned.	Change the height, direction, or placement of the antenna.
	The DAB signals are too weak.	


**FM radio reception**

<b>Problem</b>	<b>Cause</b>	<b>Solution</b>
<b>Too much noise during stereo broadcast.</b>	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
<b>Cannot make this unit paired with the connecting device.</b>	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 pairing (☞ page 10).
	Another <i>Bluetooth</i> device is connected.	Terminate current <i>Bluetooth</i> connection, and perform pairing with the new device.
<b>Cannot establish a <i>Bluetooth</i> connection.</b>	This unit is not registered on the connecting device's <i>Bluetooth</i> connection list.	Perform pairing operations again (☞ page 10).
	Another <i>Bluetooth</i> device is connected.	Terminate current <i>Bluetooth</i> connection, then establish a <i>Bluetooth</i> connection with that device again.
	The <i>Bluetooth</i> function of the device is turned off.	Turn on the <i>Bluetooth</i> function of the device.
	The pairing information has been deleted.	Perform pairing again (☞ page 10). This unit can be paired with eight devices. If pairing with a ninth device is performed, the pairing information with the oldest connection date will be deleted. Delete any pairing history of TSX-B15D on the iPhone/iPad/iPod touch, then pair with the TSX-B15D again (☞ page 10).
<b>No sound is produced or the sound is interrupted during playback.</b>	The <i>Bluetooth</i> connection of this unit with the connecting device is disconnected.	Perform <i>Bluetooth</i> connection operations again (☞ page 12).
	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 <i>Bluetooth</i> function is off.	Turn on the <i>Bluetooth</i> function of the connecting device.
	The connecting device is not set to send <i>Bluetooth</i> audio signals to this unit.	Check that the <i>Bluetooth</i> 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 <i>Bluetooth</i> speakers and this unit (TSX-B15D) is not selected as a playback device.	Select this unit as a playback device for the connecting device.

## USB port charging

Problem	Cause	Solution
<b>Cannot charge the connected portable USB device.</b>	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, AAC
- Wireless output ..... Bluetooth Class 1
- Maximum communication distance ..... 10 m (33 ft) (without obstructions)

## ■ TUNER SECTION

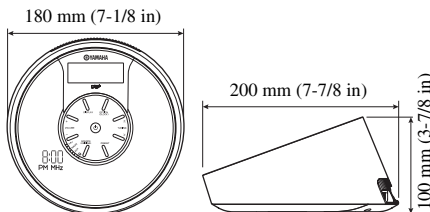
- Tuning range  
FM ..... 87.50 to 108.00 MHz  
DAB/DAB+ ..... 174 to 240 MHz (Band III)

## ■ 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 ..... 10 W
- Standby consumption  
(Clock displayed, Bluetooth ready for connection) ..... 1.1 W
- Eco Standby consumption ..... 0.3 W
- Weight ..... 1.0 kg (2.2 lbs.)
- Dimensions



Specifications are subject to change without notice.

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.



Digital Audio Broadcasting



Digital Audio Broadcasting

This unit supports DAB/DAB+ tuning.

## ■ 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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