





DESKTOP AUDIO SYSTEM
TSX-B72

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.

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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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.

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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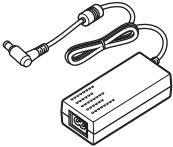
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■ Features

- High quality playback of *Bluetooth* enabled smartphone/tablet computer, and radio and external devices.
One touch pairing enabled by NFC technology.
 - Firm bass sound and spacious stereo sound from 2.1 ch powered speaker (tweeter × 2, woofer × 1), SR-Bass™ (Yamaha Swing Radiator Bass technology) and DSP in a compact unit.
 - Easy user-intuitive interface by buttons with Guide LED and knob dials.
 - Convenient operability enabled by using iPhone/Android smartphone as a remote control.
Supports the dedicated application, “DTA CONTROLLER.”
 - USB port for supplying power.
- **Note** indicates precautions for use of the unit and its feature limitations.
 -  indicates supplementary explanations for better use.

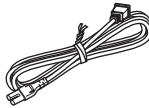
■ Supplied accessories

AC adaptor



(DC 15 V, 2.56A,
model number:
EADP-38EB A)

Power cable



USB cap

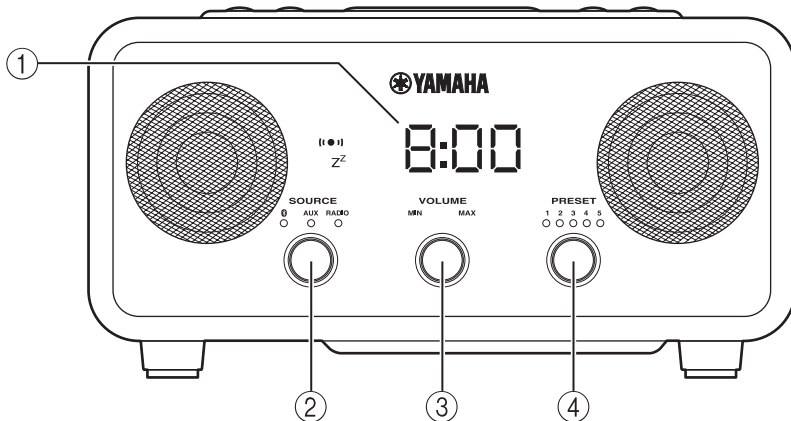


Note

Keep the USB cap out of reach of children so as to ensure that it is not mistakenly swallowed.

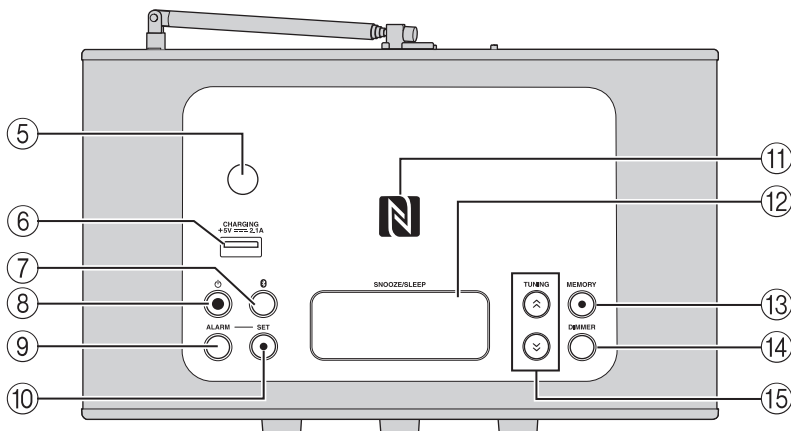
NAMES OF PARTS AND THEIR FUNCTIONS

■ Front panel



- ① **Front panel display**
- ② **SOURCE:** *Bluetooth*, AUX, RADIO
- ③ **VOLUME:** Volume control
- ④ **PRESET:** Stores up to five favorite FM radio stations (☞ P. 8).

■ Top panel



- ⑤ **Illumination sensor:** Measures surrounding illuminance. Do not cover this sensor when **DIMMER** (14) is set to A (auto).
- ⑥ **CHARGING:** Supplies 5V/2.1A to a portable device, such as a smartphone, when it is connected with a USB cable (☞ P. 9).
- ⑦ **Bluetooth:** Press this button:
 - to terminate *Bluetooth* connection when it is established (☞ P. 12).
 - to establish connection with the component that was most recently connected via *Bluetooth* (☞ P. 12).
- ⑧ **Power:** Press to turn the system on/off. Time is displayed even when the system is off.
 - ☀️
 - Press and hold **Power** for more than 3 seconds to set the system to standby mode. All the information on the front panel display is not displayed in standby mode. This can reduce power consumption. To cancel standby mode, press **Power**.
 - Even in system off/standby mode, the alarm function is available.
- ⑪ **MEMORY**
- ⑫ **Power**
- ⑬ **TUNING**
- ⑭ **DIMMER**
- ⑮ **DIMMER**

- ⑨ **ALARM:** Alarm on/off (☞ P. 5)
- ⑩ **SET:** Alarm setting (☞ P. 4)
- ⑪ **NFC mark:** Allows easy pairing with NFC technology (☞ P. 11).
- ⑫ **SNOOZE/SLEEP** (☞ P. 5)
- ⑬ **MEMORY** (☞ P. 8)

- ⑭ **DIMMER:** Sets the brightness of the top and front panel
A (auto) → 3 (brightest) → 2 → 1 (darkest) → back to A



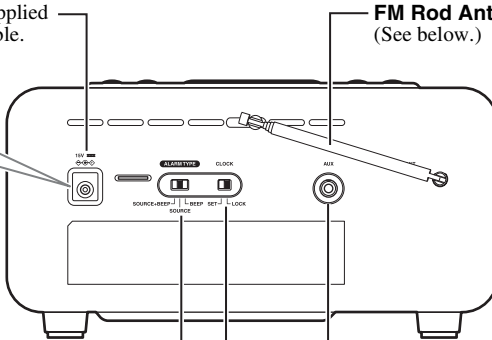
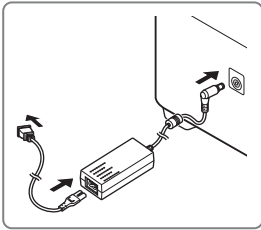
When A (auto) is set, the brightness of the top and front panel is adjusted automatically according to the brightness of the room.

- ⑮ **TUNING** (☞ P. 8)

■ Rear panel

15V : Connect the supplied AC adaptor and power cable.

FM Rod Antenna
(See below.)



ALARM TYPE switch (☞ P. 4)

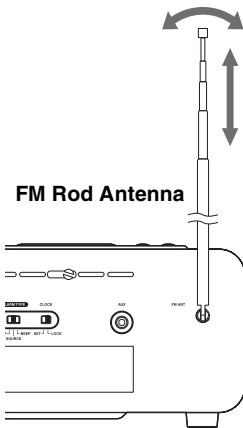
CLOCK switch (☞ P. 4)

AUX: Connect an external device. (☞ P. 9)

■ Extending rod antenna

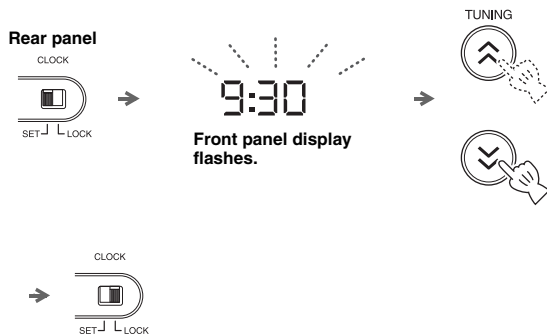
Notes

- When you listen to FM, extend the antenna.
- If FM reception is poor, change the height or direction of the antenna, or relocate the unit.



BASIC FUNCTIONS

Adjusting the clock



- 1 Set **CLOCK** to **SET**.
- 2 Set the time with **TUNING**.
- 3 Set **CLOCK** to **LOCK**.

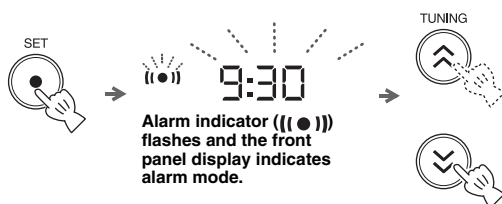
Notes

- Time appears in 12-hour notation (AM/PM), depending on the model. For example, "4:00PM".
- The time settings are lost approximately one week after unplugging the unit.

Alarm setting

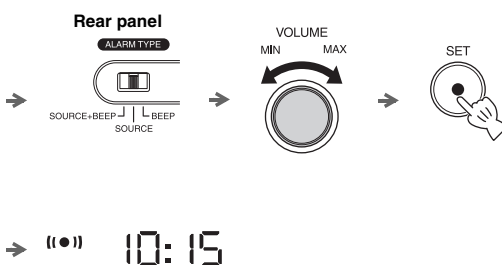
This unit can play back radio and/or beep sound at the set time.

■ Setting the time and sound



- 1 Press **SET**.
- 2 Set the alarm time with **TUNING**.

An alarm will sound only once at the specified time.



- 3 Set **ALARM TYPE**.
 - **SOURCE+BEEP**: radio (played back from 3 minutes before the alarm time) and beep sound (played back at the alarm time)
 - **SOURCE**: this unit plays back the radio station you listened to last time.
 - **BEEP**: beep sound only

- 4 Set the alarm volume.
- 5 Press **SET**.
Alarm is set and the alarm indicator ((●)) lights up.

■ Switching the alarm on/off



Press **ALARM**.

When the alarm is on, the alarm indicator ((●)) lights up and alarm time is displayed for a while.

Operations during playing back alarm sound

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

■ Using the snooze function



Press **SNOOZE/SLEEP**.

The alarm sound stops and resumes after 5 minutes.



- If **SOURCE+BEEP** is set as the alarm type, you can press **SNOOZE/SLEEP** once to stop the beep sound, and twice to stop the audio source. Five minutes after the audio source is stopped, it will start fading in again and the beep sound will resume.
- When the snooze function is activated, alarm indicator flashes.

■ 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.

Sleep setting

You can set the time until the system turns off automatically when the sleep function is set to on.



Press repeatedly.



Sleep indicator (**ZZ**) and front panel display flash.

Select the sleep time.

You can set 30, 60, 90 or 120 minutes. When the sleep function is on, the sleep indicator (**ZZ**) lights up.



To cancel the sleep function, press **SNOOZE/SLEEP**.

USING USEFUL FUNCTIONS

DTA CONTROLLER



With the DTA CONTROLLER application installed on your smartphone or tablet computer, you can use further convenient features of Yamaha desktop audio systems.

To download the application, or obtain the latest information on it, access App Store or Google Play via the QR codes listed below.

iPhone, iPad, iPod touch



<http://itunes.com/app/dtacontroller>



(U.S.A.)
<https://itunes.apple.com/us/app/dta-controller-us/id549333293?mt=8>

Android™




<https://play.google.com/store/apps/details?id=com.yamaha.av.dtacontroller>

Notes


- If you cannot access the above information, search for “DTA CONTROLLER” on App Store or Google Play.
- iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
- Android and Google Play are trademarks of Google, Inc.

Alarm setting using DTA CONTROLLER

Once you have set Weekly Alarm by "DTA CONTROLLER", you can select the Weekly Alarm mode in the alarm mode select display of this unit.



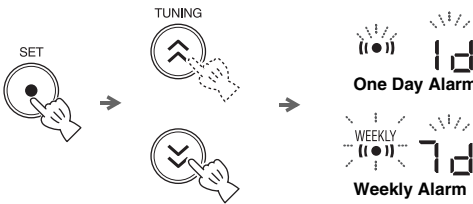
1d (One Day Alarm mode):
An alarm that sounds only once at the specified time.



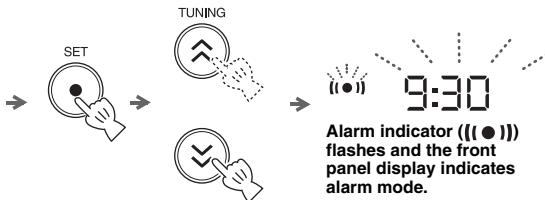
7d (Weekly Alarm mode):
An alarm whose time can be specified for each day of the week (settable only using "DTA CONTROLLER").

Note

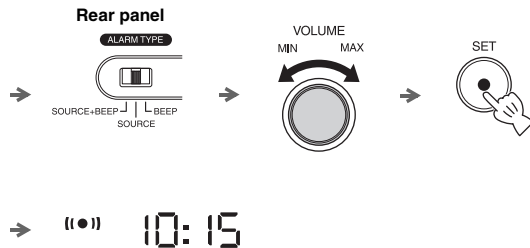
The Weekly Alarm mode cannot be selected when all the days of the Weekly Alarm setting are turned off. Turn on any day of the Weekly Alarm setting.



- 1 Press **SET**.
- 2 Select the alarm mode with **TUNING**.



- 3 Press **SET**.
 - If you have chosen Weekly Alarm mode, this completes the alarm setting. The alarm indicator ((●)) and the Weekly Alarm indicator (WEEKLY) will light up.
- 4 Set the alarm time with **TUNING**.



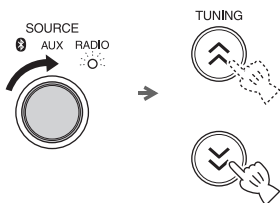
- 5 Set **ALARM TYPE**.
- 6 Set the alarm volume.
- 7 Press **SET**.
Alarm is set and the alarm indicator ((●)) lights up.



The alarm setting will be saved even if the alarm is turned off. If the alarm is turned on again by pressing **ALARM**, the alarm will sound with the previous alarm settings.

LISTENING TO RADIO STATIONS

Tuning radio stations



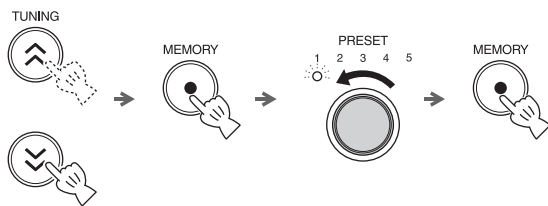
- 1 Set **SOURCE** to **RADIO**.
- 2 For automatic tuning, press and hold **TUNING**.
For manual tuning, press **TUNING** repeatedly.

Note

If you tune to a station manually during FM reception, the sound is monaural.

Presetting radio stations

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



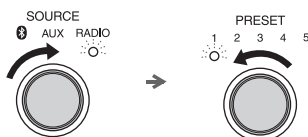
- 1 Tune into a favorite radio station.
- 2 Press **MEMORY**.
- 3 Select the **PRESET** number you want to store to.



To cancel the preset, press **TUNING** again.

- 4 Press **MEMORY** to complete.

Selecting preset radio stations



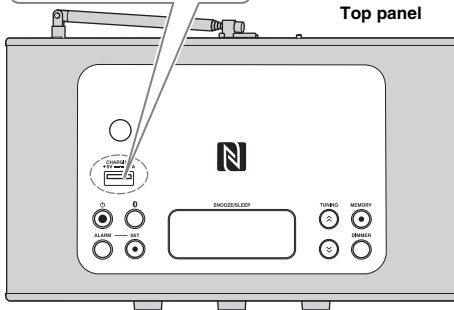
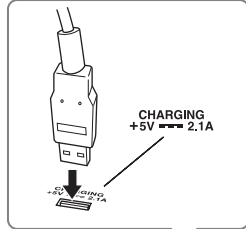
- 1 Set **SOURCE** to **RADIO**.
- 2 Select the preset radio station with **PRESET**.

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 5V/2.1A 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.

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.

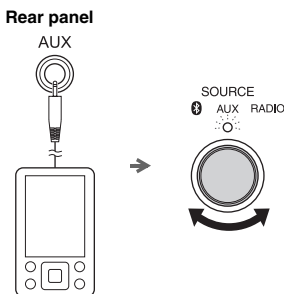
Notes

- Charging may not be possible depending on the portable device.
- The USB port is for charging use only. The USB port does not support audio playback.
- In 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.

LISTENING TO EXTERNAL SOURCES

Playing back external sources

■ Playing back



- 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 Set **SOURCE** to **AUX**.
- 3 Start playback on the connected portable audio device.

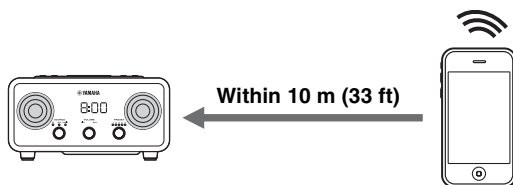
LISTENING TO MUSIC FROM YOUR *Bluetooth* COMPONENT

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

Installation

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 portable music player, mobile phone, 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* component.



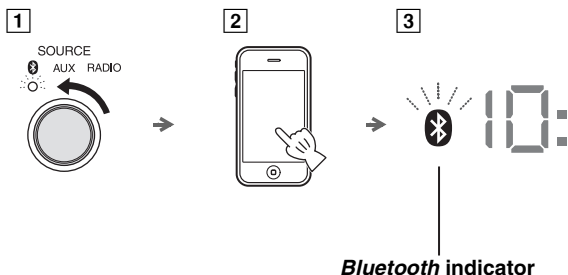
Pairing this unit with your *Bluetooth* component


Pairing is an operation that registers the communicating component (subsequently called “the other component”) with this unit. You will need to perform the pairing operation the first time you use your *Bluetooth* component 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” (P. 13).



- This unit can be paired with up to eight other components. When pairing with the ninth component has succeeded, pairing data for the component with the oldest connection date will be deleted.
- If this unit is connected via *Bluetooth* to another component, press  (*Bluetooth*) on this unit to disconnect the *Bluetooth* connection before you perform the pairing operation.

■ If using an iPhone/iPad/iPod touch




1 Set **SOURCE** to  (*Bluetooth*).

2 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.)

3 From the *Bluetooth* connection list of the other component, choose this unit (TSX-B72 Yamaha).

When pairing has been completed, your iPhone/iPad/iPod touch will indicate “Connected”. The *Bluetooth* indicator on the front panel display of this unit will light.

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

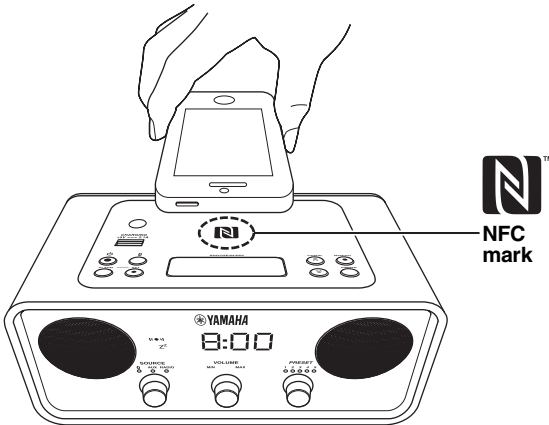
- 1 Set **SOURCE** to  (*Bluetooth*).
- 2 Perform *Bluetooth* pairing on the other component.
For details, refer to the owner's manual of the other component.
- 3 From the *Bluetooth* connection list of the other component, choose this unit (TSX-B72 Yamaha).
When pairing has been completed, the *Bluetooth* indicator on the front panel display of this unit will light for about 1 second.




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

■ Easy pairing

For the smartphone with NFC (Near Field Communication) function, you can easily perform the pairing operation just by touching the NFC mark on this unit with your smartphone (you need to turn the system on and turn on the NFC function of the connecting component beforehand).

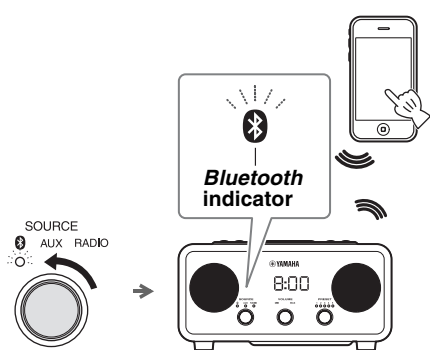



- 1 Press  to turn the system on.
- 2 Perform the pairing operation at the connecting component (for details, please read the owner's manual of the connecting component).
This unit is indicated as "TSX-B72 Yamaha" on the connecting component.



- If you are prompted for a passkey, enter the numerals "0000".
- If the connection fails, move the smartphone slowly on the NFC mark.
- If the smartphone is equipped with a case, remove the case.

Listening to a Bluetooth component



- 1 Set **SOURCE** to  (*Bluetooth*).
- 2 Connect this unit and your other component via *Bluetooth*.
- 3 Play back music from your *Bluetooth* component.

Note

Take care that the volume setting of this unit is not too high. We recommend that you adjust the volume on the other component.




- While the system is turned off, if you connect a *Bluetooth* component to the unit and play back music, the system will automatically turn on.
- If you disconnect the *Bluetooth* connection from your other component while the playback source is set to *Bluetooth*, this unit will automatically turn off the system.
- If *Bluetooth* is selected as the playback source, this unit will automatically turn off the system when 60 minutes have elapsed without any *Bluetooth* connection nor any operation performed.

Connecting an already-paired component via Bluetooth

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

■ Connecting from this unit

Set **SOURCE** to  (*Bluetooth*).



The *Bluetooth* indicator will blink on the front panel display; this unit will search for the other component that was most recently connected via *Bluetooth*, and will then establish a connection (You must first turn on the *Bluetooth* setting of the other component).

When the *Bluetooth* connection has been established, the *Bluetooth* indicator will light.

Note

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



Pressing  (*Bluetooth*) on the top panel of this unit also establishes connection with the component that was most recently connected via *Bluetooth*; however, **SOURCE** is not automatically set to  (*Bluetooth*).

■ Connecting from the other component

- 1 In the *Bluetooth* settings of the other component, turn *Bluetooth* on.
- 2 From the *Bluetooth* connection list of the other component, choose this unit (TSX-B72 Yamaha).


The *Bluetooth* connection will be established, and the *Bluetooth* indicator on the front panel display of this unit will light.

Note

Bluetooth connections cannot be established from the other component when this unit is in standby mode. Turn the system on.

Disconnecting a Bluetooth connection

If any of the following operations are performed while a *Bluetooth* connection is being used, the *Bluetooth* connection will be disconnected.

- Press  (*Bluetooth*) on the top panel of this unit.
- Turn the system off.
- Turn off the *Bluetooth* setting of the other component.

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, turn off the unit, 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.
Sound suddenly turns off.	The sleep function (P. 5) may be set.	Turn on the system and play the source again.
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 , or adjust the sound with the tone control of DTA CONTROLLER .
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.	Set the system to off, 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.	Set the system to off, and 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 (P. 4).
RADIO does not play at the alarm time.	ALARM TYPE is set to BEEP .	Set ALARM TYPE to SOURCE+BEEP or SOURCE (P. 4).
Clock flashes and the unit cannot be operated.	CLOCK on the rear panel is set to SET , and this unit is in clock setting mode.	Set CLOCK to LOCK .

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 (P. 8) or change the height or direction of the antenna, or relocate the unit (P. 3).


Bluetooth

Problem	Cause	Solution
Cannot make this unit paired with the other component.	The other component does not support A2DP.	Perform pairing operations with a component which supports A2DP.
	A <i>Bluetooth</i> adaptor, etc. that you want to pair with this unit has a password other than "0000".	Use a <i>Bluetooth</i> adaptor, etc. whose password is "0000".
	This unit and the other component are too far apart.	Move the other component 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.
Cannot establish a <i>Bluetooth</i> connection.	This unit is not registered on the other component's <i>Bluetooth</i> connection list.	Perform pairing operations again (☞ P. 10).
No sound is produced or the sound is interrupted during playback.	The <i>Bluetooth</i> connection of this unit with the other component is disconnected.	Perform <i>Bluetooth</i> connection operations again (☞ P. 12).
	This unit and the other component are too far apart.	Move the other component 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 other component's <i>Bluetooth</i> function is off.	Turn on the <i>Bluetooth</i> function of the other component.
	The other component is not set to send <i>Bluetooth</i> audio signals to this unit.	Check that the <i>Bluetooth</i> function of the other component is set properly.
	The pairing setting of the other component is not set to this unit.	Set the pairing setting of the other component to this unit.
	The other component's volume is set to the minimum.	Increase the volume level.

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.	Turn off the system and reconnect the USB device to the unit. If it does not resolve the problem, the USB device is not chargeable with the unit.

■ Resetting the unit

If the unit does not function properly, resetting the unit may solve the problem. To reset the unit, press and hold  for more than 10 seconds.

SPECIFICATIONS

■ PLAYER SECTION

AUX IN

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

■ AMPLIFIER SECTION

- Maximum output power4 W + 4 W + 8 W
(6 Ω 1 kHz, 10% THD)
- Driver unit4 cm (1 5/8 in) full-range driver \times 2
5.5 cm (2 1/8 in) woofer + SR-Bass \times 1

■ Bluetooth SECTION

- *Bluetooth* versionVer. 2.1+EDR
- Supported protocolsA2DP, AVRCP
- Supported codesSBC, AAC
- Wireless output*Bluetooth* Class 2
- Maximum communication distance
.....10 m (33 ft) (without obstructions)
- Supported contents protection SCMS-T method

■ TUNER SECTION

- Tuning range
FM87.5 to 108.0 MHz

■ CHARGING CONNECTOR SECTION

- Connector type USB type A
- Output rating5 V/2.1 A

■ NFC (Near Field Communication) SECTION

- Supported model
.....NFC-ready Android device Ver. 4.1, 4.2
- * Some models may not work or be different in the required distance for connection.

■ GENERAL

- Power Supply AC 100 to 240 V, 50/60 Hz
- Power consumption 22 W
- System off consumption 1.9 W
- Standby consumption 0.5 W or less
- Dimensions (W \times H \times D)210 \times 110 \times 144 mm
(8 1/4 \times 4 3/8 \times 5 5/8 in)
- Weight 1.4 kg (3.1 lbs.)

Specifications are subject to change without notice.

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.

■ 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.



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