# SONY

4-587-914-**71**(1)

## FM/AM RADIO
## with Bluetooth SPEAKER

Operating Instructions

**N** **Bluetooth**®

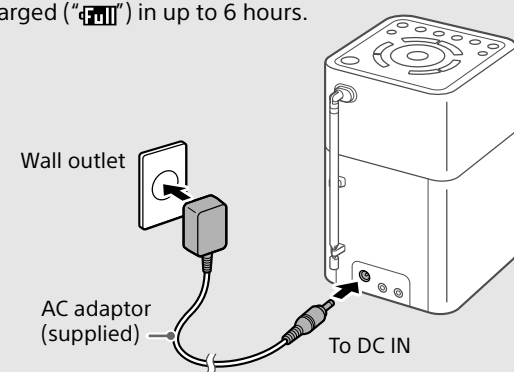©2016 Sony Corporation   Printed in China

http://www.sony.net/
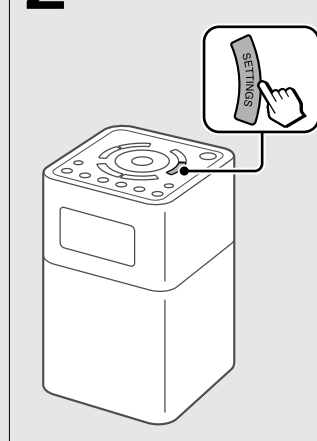
SRF-V1BT

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## Getting Started

When using the unit for the first time, make sure to connect the unit to a wall outlet using the AC adaptor (supplied). Otherwise the unit will not turn on.

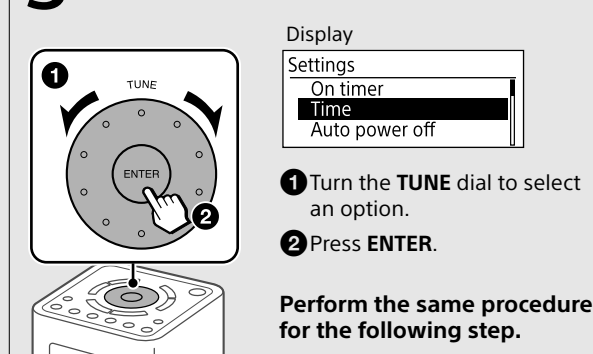**1** Connect the unit to a wall outlet and charge the unit.

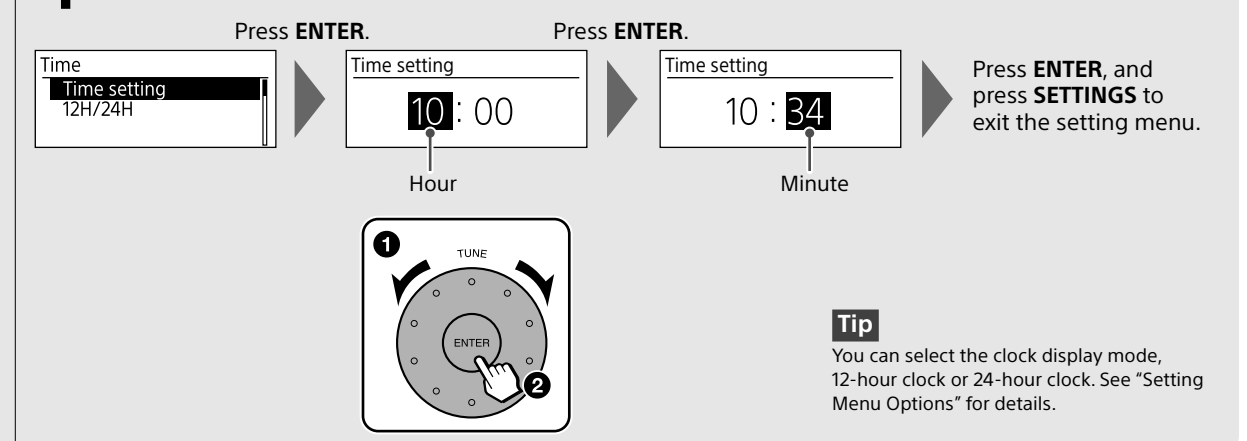The built-in battery will be fully charged ("⊞") in up to 6 hours.

Wall outlet

AC adaptor (supplied)   To DC IN

**2** Press **SETTINGS**.

**3** Select "Time."

Display
Settings
  On timer
  **Time**
  Auto power off

❶ Turn the **TUNE** dial to select an option.
❷ Press **ENTER**.

**Perform the same procedure for the following step.**

Display

**4** Set the hour and minute.

Time
  Time setting
  12H/24H

Press **ENTER**.

Time setting
**10** : 00
Hour

Press **ENTER**.

Time setting
10 : **34**
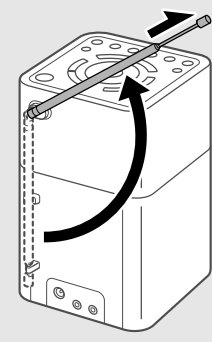Minute

Press **ENTER**, and press **SETTINGS** to exit the setting menu.
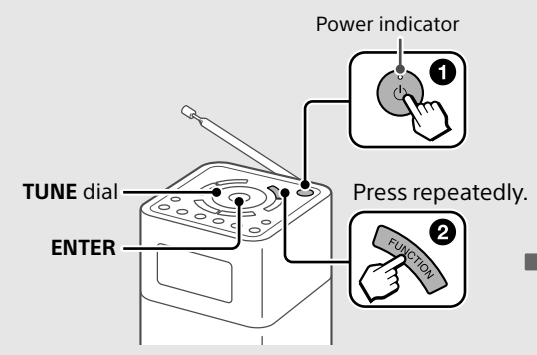
**Tip**
You can select the clock display mode, 12-hour clock or 24-hour clock. See "Setting Menu Options" for details.
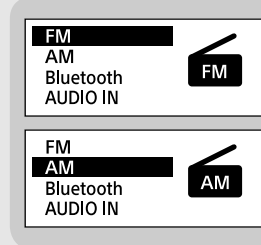
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## Listening to the Radio

**1** Extend the antenna for FM radio reception.

**2** Turn on the unit, and select the "FM" or "AM" function.

Power indicator ❶

**TUNE** dial

**ENTER**

Press repeatedly. ❷

**FM**
AM
Bluetooth
AUDIO IN

FM
**AM**
Bluetooth
AUDIO IN

**Tip**
After pressing **FUNCTION** once, you can also select a function by turning the **TUNE** dial and pressing **ENTER**.

The unit automatically switches to the selected function in about 2 seconds.

**Tip**
The power indicator lights up in green while the unit is turned on.
To set the unit to standby mode, press ⏻ again.

**3** Select a desired station.

**Scan tuning**
Press **SCAN** to start scanning stations.

**BACK**

**ENTER**

FM    22:34
94.00MHz
[ENTER] : Select
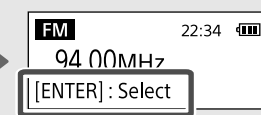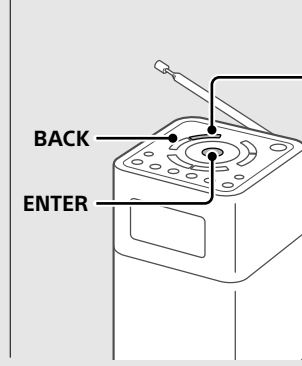
If a receivable station is found, "[ENTER]:Select" appears on the display. Press **ENTER** to receive the station. (If you do not press **ENTER** within 3 seconds, the search will restart.)

Press **ENTER**.

FM    22:34
94.00MHz

**Tips**
• To stop the scanning, press **BACK**.
• To change the scanning direction, turn the **TUNE** dial clockwise or counterclockwise.

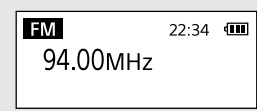**Manual tuning**
You can manually tune to the desired frequency.

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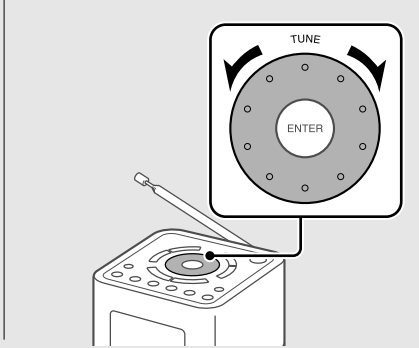
## Presetting stations (5 FM and 5 AM)

**1** Tune to the station you want to preset.

Follow the steps in "Listening to the Radio" above.

FM    22:34
94.00MHz

**2** Press and hold the desired preset button (1–5) until "Stored to [PRESET x]." appears on the display.

**Example: Presetting a tuned station to the preset button 3**

FM    22:34
94.00MHz
Stored to [PRESET 3].

**Tips**
• If you try to store another station with the same preset number, the previously stored station will be replaced.
• The preset button **3** on the unit has a tactile dot. Use the tactile dot as a reference when operating the unit.
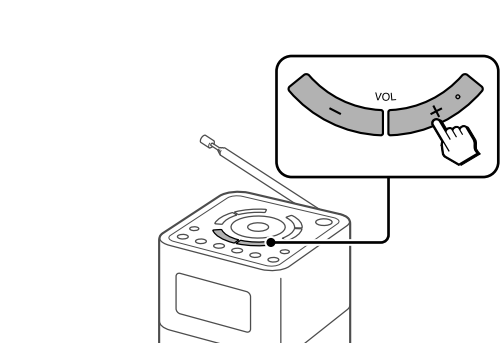
## Listening to a preset station

**1** Select the "FM" or "AM" function.

Press repeatedly.

**2** Select the desired preset station.

**Example: When the preset button 3 is pressed**
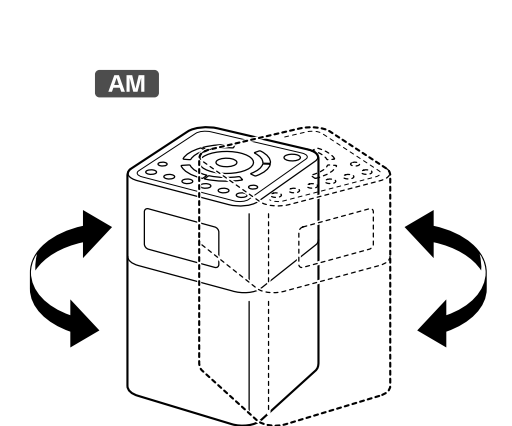
FM P3    22:34
94.00MHz

**Note**
To prevent the preset from being changed by mistake, do not hold down the preset button.

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### To adjust the volume

VOL

**Tips**
• The last set volume is stored in the unit's memory.
• **VOL +** on the unit has a tactile dot. Use the tactile dot as a reference when operating the unit.

### To improve FM/AM radio reception

FM

AM

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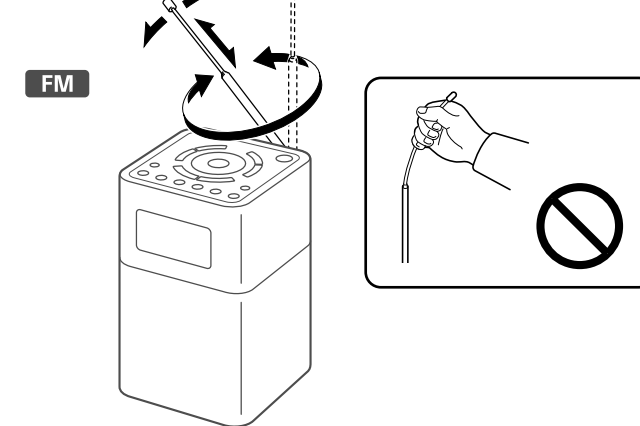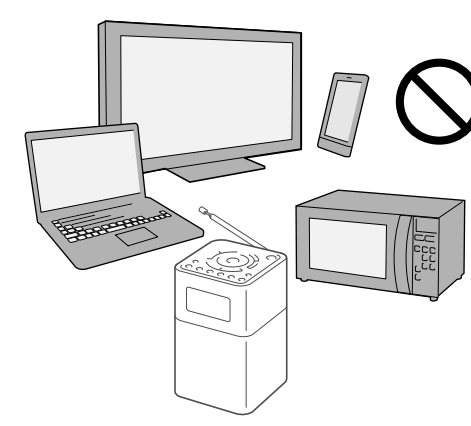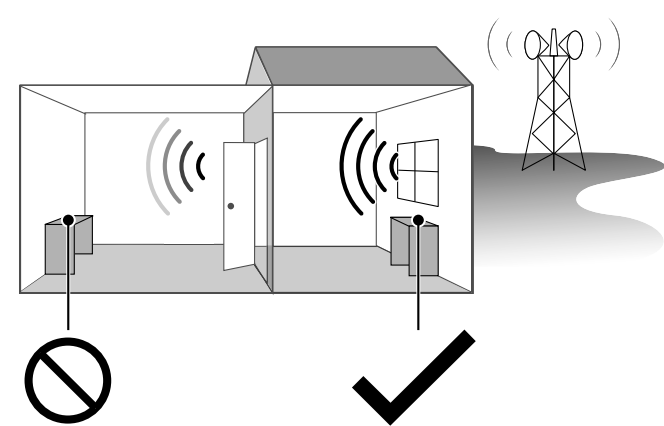
## Setting the On Timer

You can set the unit to turn on the radio automatically at the set time.

First set the clock. See "Getting Started" for details.

**1** Press **SETTINGS**.
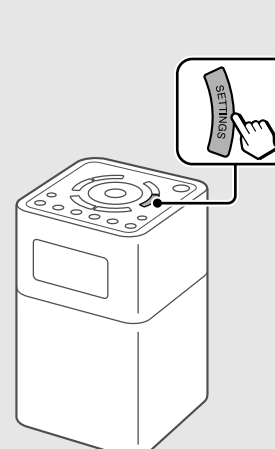
**2** Select "On timer."
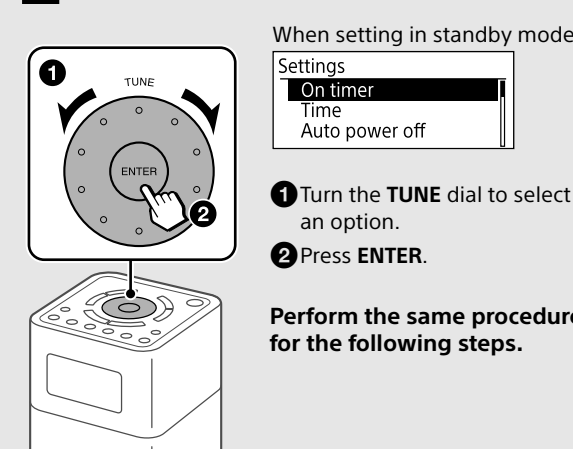
When setting in standby mode
Settings
  **On timer**
  Time
  Auto power off
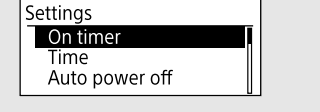
❶ Turn the **TUNE** dial to select an option.
❷ Press **ENTER**.

**Perform the same procedure for the following steps.**

**3** Set the hour and minute.

On timer
  Timer setting
  Wake station

Press **ENTER**.

Timer setting
**7** : 00
Hour

Press **ENTER**.

Timer setting
7 : **30**
Minute

Press **ENTER**.
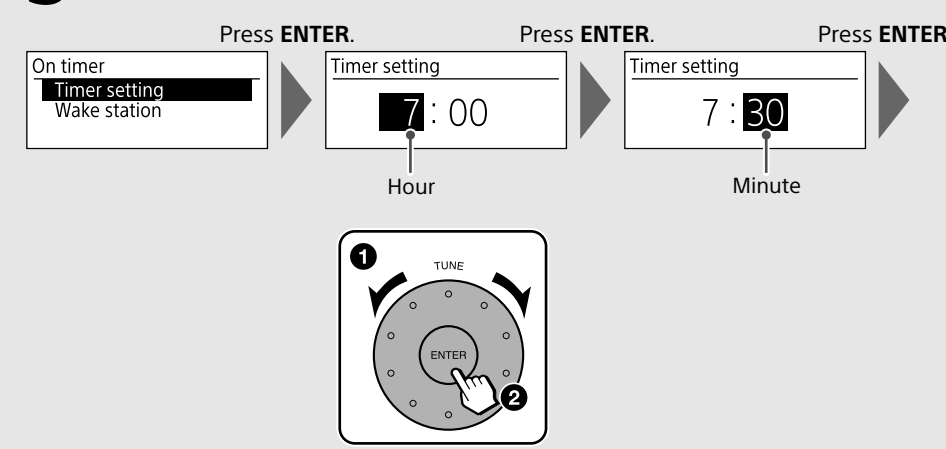
**4** Set the station received at the set time.

On timer
  Timer setting
  **Wake station**

Press **ENTER**.

**When setting to the last received station**

Wake station
  **● Last station**
  ○ FM preset station
  ○ AM preset station

**When selecting from the preset station list**

Wake station          FM preset station
  ○ Last station        **● 1: 94.00MHz**
  **● FM preset station**   ○ 2: 98.30MHz
  ○ AM preset station    ○ 3: ---No preset---

Press **ENTER**.

**Tip**
When selecting from the preset station list, set the stations first. See "Presetting stations (5 FM and 5 AM)" for details.

Press **ENTER**, and press **SETTINGS** to exit the setting menu.

**5** Activate the timer.

⏰
10:34

"⏰" appears on the display.
The radio turns on at the set time.

**To deactivate the timer**
Press **ON TIMER** again.

**Note**
The On Timer function is disabled in off mode.

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## Listening to Music from a BLUETOOTH Device

Using the BLUETOOTH connection, you can listen to music from wirelessly connected BLUETOOTH devices such as smartphones, tablets, PCs, etc.
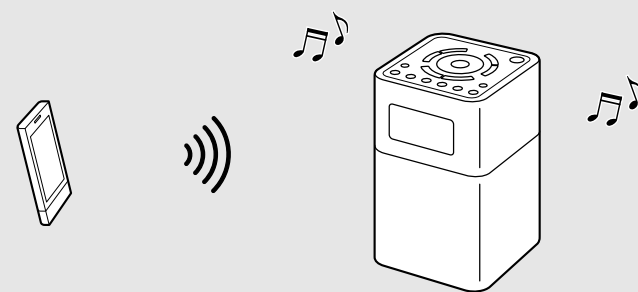
**Tip**
BLUETOOTH wireless technology operates within a range of about 10 m.

**Compatible BLUETOOTH devices**
Compatibility requirements for the devices are as follows. Before using a device with this unit, check that it meets the requirements.
• Devices must support A2DP (Advanced Audio Distribution Profile) and AVRCP (Audio/Video Remote Control Profile).
• NFC capability (required only when using the NFC pairing function of the unit).

**About the BLUETOOTH standby mode**
The BLUETOOTH standby mode enables the unit to turn on automatically by making a BLUETOOTH connection from a BLUETOOTH device.
See "Setting Menu Options" for details.

## Setting the Sleep Timer
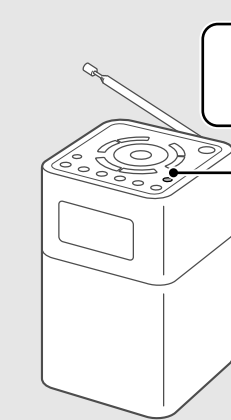
Press **SLEEP** repeatedly to select the desired time (in minutes).

90 → 60 → 30 → 15
OFF ←

FM  SLEEP  22:34
94.00MHz
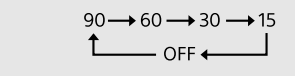
When the sleep timer is set, "SLEEP" appears on the display.
The unit enters standby mode automatically after a set time has elapsed.

**Tips**
• The last set time is stored in the unit's memory.
• You can check the time left until the unit enters standby mode by pressing **SLEEP** again after setting the sleep timer.

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## Connecting with a BLUETOOTH device

If your BLUETOOTH device has an NFC function, this procedure is unnecessary.
See "Connecting by One-touch (NFC)" below.

**1** Turn on the unit, and select the "Bluetooth" function.

Press repeatedly. ❷
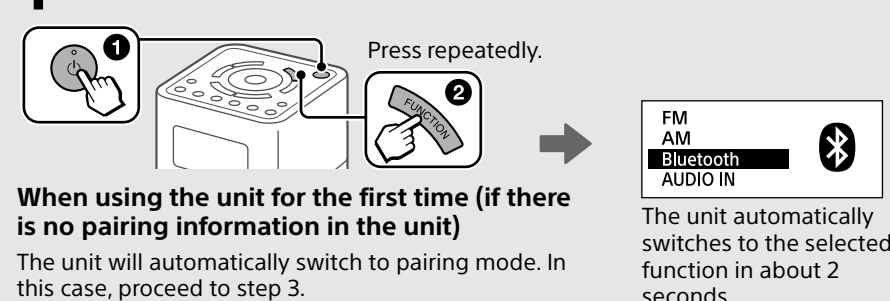
**When using the unit for the first time (if there is no pairing information in the unit)**
The unit will automatically switch to pairing mode. In this case, proceed to step 3.

**When connecting with the second and subsequent devices**
Proceed to step 2.

FM
AM
**Bluetooth**
AUDIO IN

The unit automatically switches to the selected function in about 2 seconds.

**If there is pairing information in the unit**

Bluetooth    22:34
Waiting for connection

Bluetooth    22:34
Bluetooth audio:
BT device name

The last connected device will be connected automatically.
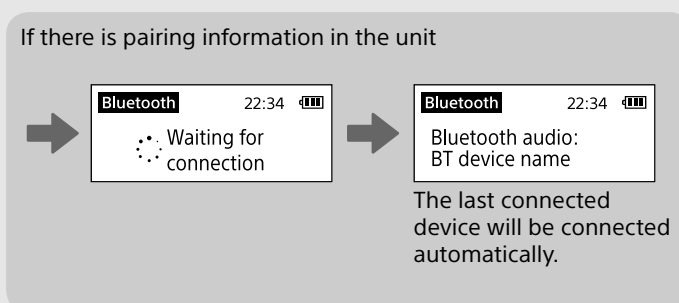
**2** Select "Bluetooth pairing."
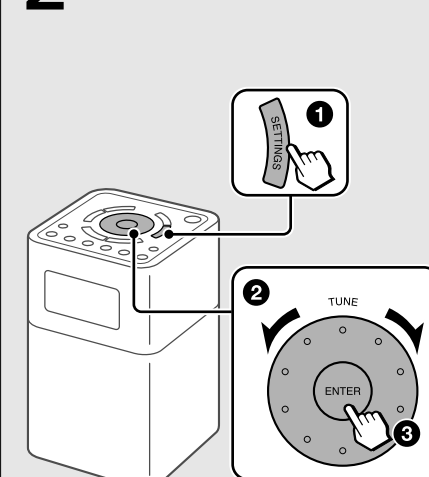
Settings
  **Bluetooth pairing**
  Bluetooth standby
  On timer

❶ Press **SETTINGS**.
❷ Turn the **TUNE** dial to select an option.
❸ Press **ENTER**.

"Waiting for pairing" appears on the display.

**3** On the BLUETOOTH device, activate the BLUETOOTH function and perform the pairing procedure.
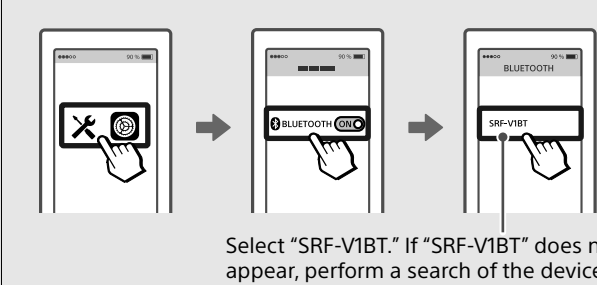
Select "SRF-V1BT." If "SRF-V1BT" does not appear, perform a search of the device.

For details, refer to the operating instructions supplied with the BLUETOOTH device.
If you are prompted to enter a passkey, enter "0000."

Bluetooth    22:34
Bluetooth audio:
BT device name

When pairing is completed, the BLUETOOTH device's name will appear on the display.

**To terminate the BLUETOOTH connection**
Select the function other than the BLUETOOTH function.

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## Connecting by One-touch (NFC)

**Compatible smartphones**
Smartphones with the NFC function built-in (OS: Android™ 2.3.3 or later, excluding Android 3.x)

**NFC**
NFC (Near Field Communication) is a technology enabling short-range wireless communication between various devices, such as smartphones and IC tags. Thanks to the NFC function, data communication – for example, BLUETOOTH pairing – can be achieved easily by simply touching NFC-compatible devices together (i.e., at the N-Mark symbol or location designated on each device).

**1** Turn on the NFC function of the BLUETOOTH device.
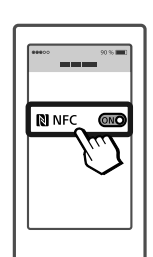
**2** Touch the BLUETOOTH device to the N-Mark on the unit.
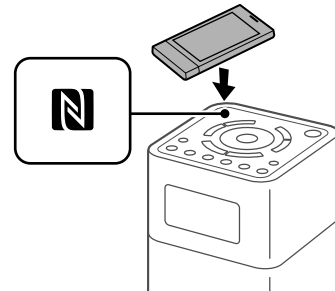
Bluetooth    22:34
Bluetooth audio:
BT device name

When pairing is completed, the BLUETOOTH device's name will appear on the display.

**To terminate the BLUETOOTH connection**
Touch the BLUETOOTH device to the N-Mark on the unit.

**Note**
If your NFC-compatible smartphone has an OS version that is older than Android 4.1.x, download and start the "NFC Easy Connect" application.
"NFC Easy Connect" is a free application for Android smartphones that can be obtained from Google Play™. (The application may not be available in some countries/regions.)

## Listening to music

**1** Start playback on the BLUETOOTH device.

**2** Adjust the volume.

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# Listening to Music from an External Device

**1** Connect the external device to the unit.

Portable digital music player, etc.

Audio connection cable without resistor (not supplied)

Stereo mini plug 2 rings

To AUDIO IN

**2** Turn on the unit, and select the "AUDIO IN" function.

① Press repeatedly.

②

FM
AM
Bluetooth
AUDIO IN

The unit automatically switches to the selected function in about 2 seconds.

**3** Start playback on the connected device and adjust the volume.

# Setting the Brightness of the Display

Press ○ repeatedly to select the desired brightness.

High (default) → Middle → Low
↑_____ Off ←_____↓

**Note**
When the unit is powered by the built-in battery, the backlight of the display turns off in about half a minute after operation.

# Listening through Headphones

Connect headphones that have a stereo or monaural* mini plug (not supplied).

**Note**
Use headphones with a stereo (3-pole) or monaural (2-pole) mini plug. No sound is heard when using other types of plugs.

Compatible plug types
1 ring — Monaural* mini plug
2 rings — Stereo mini plug

Other types of plugs cannot be used.
3 or more rings

To ∩ (headphones)

* When listening to stereo sound using monaural headphones, you will hear sound from the left channel only.

# Setting to Off Mode

You can set the unit to off mode to reduce the power consumption if you do not use the unit.

Press and hold ⏻ for about 2 seconds to set to off mode. The display turns off.

**Note**
The On Timer function is disabled in off mode.

**Tip**
When pressing ⏻ while the unit is turned on, the unit enters standby mode. In standby mode, the backlight of the display can be turned on if desired and the On Timer function is enabled.

# Setting Menu Options

## Basic Operations:

①
②  TUNE
③  ENTER

**To go back to the upper menu level**
Press **BACK**.

**To exit the setting menu**
Press **SETTINGS** again.

## BLUETOOTH options

BLUETOOTH options can be set when the "Bluetooth" function is selected.

### Bluetooth pairing
See "Connecting with a BLUETOOTH device."

### Bluetooth standby
When the BLUETOOTH standby mode is set to "On," the unit enters waiting mode for a BLUETOOTH connection even when the unit is in standby mode. When making a BLUETOOTH connection from a BLUETOOTH device, the unit turns on automatically.

**Tips**
• Set the BLUETOOTH standby mode to "Off" to reduce the power consumption when the unit is in standby mode.
• The power indicator lights up in umber while the unit is in standby mode, and when the BLUETOOTH standby mode is turned on.

**Note**
If the AC adaptor is unplugged, the BLUETOOTH standby mode is disabled.

## Other options

### On timer
See "Setting the On Timer."

### Sound
You can adjust the sound level.
**Treble:** Adjusts the level of high-pitched sound.
**Bass:** Adjusts the level of low-pitched sound.

TUNE
ENTER

### Time
**Time setting:** Sets the clock. See "Getting Started" for details.
**12H/24H:** Select the clock display mode, 12-hour clock or 24-hour clock.

**Note**
The clock will be reset if the AC adaptor is unplugged and the built-in battery is completely exhausted.

### Beep
Select "On" to activate the beep sound when you operate the unit.

### Auto power off
When "Auto power off" is set to "Enable (15min)," the unit enters standby mode automatically in about 15 minutes if there is no operation or audio signal output.

### Initialize
Select "OK" to initialize the unit to the factory default settings. All settings, such as preset radio stations and the pairing registration information, will be deleted.

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### Owner's Record
The model and serial numbers are located on the bottom of the unit. Record these numbers in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. SRF-V1BT_____
Serial No. _____

### Important Safety Instructions
1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

### Precautions
• Operate the unit only on the power sources specified in "Specifications." For AC operation, use only the supplied AC adaptor. Do not use any other type of AC adaptor.
• Failure to use the supplied AC adaptor may cause the unit to malfunction, as the polarity of the plugs of other manufacturers may be different.

• When operating the unit on the built-in battery, it is recommended that you remove the AC adaptor from the wall outlet and the DC IN jack. Disconnect the plug of the external power source before operating the unit.
• Avoid exposure to temperature extremes, direct sunlight, moisture, sand, dust or mechanical shock. Never leave in a car parked in the sun.
• Do not expose the unit to strong impact or excessive force. A glass material is used for the display in some models. If the glass chips or cracks, it may cause injury. In that case, stop using the unit immediately and make sure not to touch the damaged parts.
• Should any solid object or liquid fall into the unit, disconnect the AC adaptor, and have the unit checked by a qualified personnel before operating it any further.
• Since a strong magnet is used for the speakers, keep personal credit cards using magnetic coding or spring-wound watches away from the unit to prevent possible damage from the magnetism.
• To clean the casing, use a soft dry cloth. Do not use any type of solvent, such as alcohol or benzine, which may damage the finish.
• Do not operate the unit with wet hands since it may cause a short circuit.
• Make sure not to splash water on the unit. This unit is not waterproof.
• When you do not use the unit for a long time, charge the battery every 6 months.
• Under certain circumstances, especially when the air is very dry, it is not uncommon to experience a discharge of static electricity, or shock, when your body comes in contact with another object, in this case the ear buds touching your ear(s). The energy from this natural discharge is extremely small and is not emitted by your product but rather a natural environmental occurrence.
• Listening with this unit at high volume may affect your hearing. For traffic safety, do not use this unit while driving or cycling.

**If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.**

### Troubleshooting
Should any problems persist after you have made the following checks, consult your nearest Sony dealer.

**General**

**Display is dim, or no indication is displayed.**
• The unit is being used in extremely high or low temperatures or in a place with excessive moisture.

**The volume cannot be turned up when the unit is powered by the built-in battery.**
• When the remaining battery level gets low (when the battery icon is empty), the maximum volume level is limited to "22." Charge the unit by connecting the AC adaptor (supplied).

**The volume level is low in the "Bluetooth" function or the "AUDIO IN" function compared with the volume level when listening to the radio.**
• Adjust the volume on the connected device.

**The unit enters standby mode automatically.**
• By default, this unit is set to enter standby mode automatically after about 15 minutes of no operation or audio signal output. See "Auto power off" in "Setting Menu Options" for details.

**Radio**

**Very weak or interrupted sound, or unsatisfactory reception.**
• If you are in a building, listen near a window.
• Extend the antenna and adjust the length and the angle for best reception.
• If a mobile phone is placed close to the unit, a loud noise may be heard from the unit. Keep the phone away from the unit.

**A desired station cannot be received when a preset button is pressed.**
• Make sure you have selected the desired band (FM or AM) before you press the preset button. One station for each band can be set to each button.
• You may have held down the preset button to which the station was assigned, causing the station to be replaced by a new one. Assign the desired station again.
• Preset buttons cannot be used when the setting menu is displayed.
• If you have moved to another region, assign the new station to a preset button.

**BLUETOOTH**

**There is no sound.**
• Make sure that this unit is not too far from the BLUETOOTH device, or that this unit is not receiving interference from a wireless LAN, another 2.4 GHz wireless device, or a microwave oven.
• Check that the BLUETOOTH connection was completed properly between this unit and the BLUETOOTH device.
• Perform pairing again. (See "Connecting with a BLUETOOTH device.")
• Keep away from metal objects or surfaces.
• Make sure that the BLUETOOTH function is activated on the BLUETOOTH device.

**The sound skips or the correspondence distance is short.**
• If a device that generates electromagnetic radiation, such as a wireless LAN, other BLUETOOTH device(s), or a microwave oven is nearby, move away if possible. Or use the device and the unit away from such sources.
• Remove any obstacle between this unit and the device or move the device and the unit away from the obstacle.
• Locate this unit and the device as close to each other as possible.
• Re-position this unit.
• Try using the BLUETOOTH device in another position.

**A connection cannot be established.**
• Depending on the device to be connected, it may require some time to start communication.
• Perform pairing again. (See steps 2 and 3 of "Connecting with a BLUETOOTH device.")
• To listen to music on a device that does not have a BLUETOOTH function, such as a PC without BLUETOOTH function, connect the device to the AUDIO IN jack on the unit. (See "Listening to Music from an External Device" for details.)
• A BLUETOOTH connection with two BLUETOOTH devices cannot be established at the same time.

**Pairing fails.**
• Bring the BLUETOOTH device closer to the unit.
• Make sure that the BLUETOOTH function is activated on the BLUETOOTH device.
• If the BLUETOOTH connection cannot be established after pairing is completed, perform step 3 of "Connecting with a BLUETOOTH device."
• Delete the model name of this unit from the BLUETOOTH device and perform pairing again. (See steps 2 and 3 of "Connecting with a BLUETOOTH device.")

**Pairing using the NFC function fails.**
• Try pairing manually. (See "Connecting with a BLUETOOTH device.") Some NFC-compatible smartphones may not be paired using the NFC function of this unit, depending on the features or specifications of the device.
• Relaunch "NFC Easy Connect" and move the smartphone slowly over the N-Mark.
• Check that the smartphone meets the compatibility requirements. (See "Compatible smartphones" in "Connecting by One-touch (NFC).")

**If the unit still does not operate properly**
Try pressing **RESET** on the bottom using a thin rod. The unit will restart, retaining the user-configured settings.

RESET

**If maintenance service is performed**
All user-configured settings, such as preset radio stations, the sleep timer, and the clock, may be initialized.
Please note your settings in case you need to configure them again.

### Messages

**No preset**
• No station in the selected band (FM or AM) has been preset to the pressed button.

### Specifications

**AUDIO POWER SPECIFICATIONS**
POWER OUTPUT AND TOTAL HARMONIC DISTORTION
(The United States model only)
With 6-ohm loads, both channels driven from 150 Hz — 10,000 Hz; rated 1.5 W per channel-minimum RMS power, with no more than 10 % total harmonic distortion in AC operation.

**Operating temperature range**
5°C – 35°C (xx°F – xx°F)

**Time display**
24-hour system or 12-hour system

**Frequency range**
FM: 87.5 MHz – 108.0 MHz (0.1 MHz step)
AM: 530 kHz – 1,710 kHz (10 kHz step)

**Intermediate frequency**
FM: 128 kHz
AM: 45 kHz

**Speaker**
Approx. 45 mm (xx in) dia., 4 Ω, stereo

**Audio power output**
2.5 W + 2.5 W (when the unit is powered by the supplied AC adaptor)
1.5 W + 1.5 W (when the unit is powered by the built-in battery)

**BLUETOOTH**
Communication System
BLUETOOTH Specification version 4.1
Output
BLUETOOTH Specification Power Class 2
Maximum communication range
Line of sight approx. 10 m (33 feet)*[1]
Frequency band
2.4 GHz band
(2.4000 GHz - 2.4835 GHz)
Modulation method
FHSS
Compatible BLUETOOTH Profiles*[2]
A2DP
(Advanced Audio Distribution Profile)
AVRCP
(Audio/Video Remote Control Profile)
Supported Codec*[3]
SBC*[4]
Transmission range (A2DP)
20 Hz - 20,000 Hz
(Sampling frequency 44.1 kHz)
*[1] The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, reception sensitivity, antenna's performance, operating system, software application, etc.
*[2] BLUETOOTH standard profiles indicate the purpose of BLUETOOTH communication between devices.
*[3] Codec: Audio signal compression and conversion format
*[4] Subband Codec

**Input**
AUDIO IN jack
(ø 3.5 mm (xx in), stereo mini jack)

**Output**
∩ (headphones) jack
(ø 3.5 mm (xx in), stereo mini jack)

**Power requirements**
Built-in lithium-ion rechargeable battery

**Power**
DC 5.8 V 2.0 A (using the supplied AC adaptor connected to AC 120 V, 60 Hz power supply) or, using built-in lithium-ion battery

**Usage life of lithium-ion battery**
BLUETOOTH: Approx. 32 hours*[1]
FM: Approx. 31 hours*[1]
AM: Approx. 15.5 hours*[1]
*[1] When the specified music source is used and the volume level of the unit is set to the following
— BLUETOOTH: 20
— FM: 25
— AM: 30
BLUETOOTH: Approx. 15 hours*[2]
FM: Approx. 25.5 hours*[2]
AM: Approx. 15.5 hours*[2]
*[2] When the specified music source is used and the volume level of the unit is set to maximum

**Power consumption**
At the standby mode
0.6 W or less
(when the brightness of the display is set high and the BLUETOOTH standby mode is set to on)
At the off mode
0.2 W or less

**Dimensions**
Approx. 106 mm × 172 mm × 117 mm
(xx in × xx in × xx in) (W/H/D) including projecting parts and controls

**Mass**
Approx. 880 g (xx lb xx oz)

**Supplied accessories**
AC adaptor (AC-E5820) (1)
Warranty (1)

Design and specifications are subject to change without notice.

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Proper registration will enable us to send you periodic mailings about new product, services and other important announcements. Registering your product will also allow us to contact you in the unlikely event that the product needs adjustment or modification. Thank you.