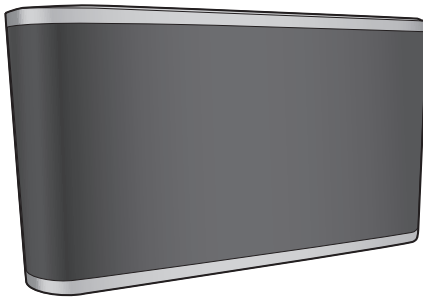


Operating Instructions Wireless Speaker System

Model No. SC-ALL9
SC-ALL6

SC-ALL9



SC-ALL6



Thank you for purchasing this product.
Please read these instructions carefully before using this product, and save this manual for future use.

Included Installation Instructions

The installation work should be done by a qualified installation specialist. (→ 20 and 21)

Before commencing work, carefully read these installation instructions and the operating instructions to ensure that installation is performed correctly.

(Please keep these instructions. You may need them when maintaining or moving this system.)

Model number suffix "EB" denotes UK model.

Safety precautions

WARNING

Unit

- To reduce the risk of fire, electric shock or product damage,
 - Do not expose this unit to rain, moisture, dripping or splashing.
 - Do not place objects filled with liquids, such as vases, on this unit.
 - Use only the recommended accessories.
 - Do not remove covers.
 - Do not repair this unit by yourself. Refer servicing to qualified service personnel.
 - Do not let metal objects fall inside this unit.
 - Do not place any item on top of this unit.

AC mains lead

- To reduce the risk of fire, electric shock or product damage,
 - Ensure that the power supply voltage corresponds to the voltage printed on this unit.
 - Insert the mains plug fully into the socket outlet.
 - Do not pull, bend, or place heavy items on the lead.
 - Do not handle the plug with wet hands.
 - Hold onto the mains plug body when disconnecting the plug.
 - Do not use a damaged mains plug or socket outlet.
- The mains plug is the disconnecting device.
Install this unit so that the mains plug can be unplugged from the socket outlet immediately.

SC-ALL9 Attachment

- To prevent injury, this apparatus must be securely attached to the wall in accordance with the installation instructions.
- Keep the safety holder, the screws, and the wall mount brackets out of reach of children to prevent swallowing.

CAUTION

Unit

- Do not place sources of naked flames, such as lighted candles, on this unit.
- This unit may receive radio interference caused by mobile telephones during use. If such interference occurs, please increase separation between this unit and the mobile telephone.
- **SC-ALL9** This unit is intended for use in moderate climates.
- **SC-ALL6** This unit is intended for use in moderate and tropical climates.

Placement

- Place this unit on an even surface.
- To reduce the risk of fire, electric shock or product damage,
 - Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure this unit is well ventilated.
 - Do not obstruct this unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.
 - Do not expose this unit to direct sunlight, high temperatures, high humidity, and excessive vibration.

AC mains lead

- Do not use AC mains lead with other equipment.

Caution for AC Mains Lead

(For the AC mains plug of three pins)

For your safety, please read the following text carefully.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.

A 5-ampere fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5-ampere and that it is approved by ASTA or BSI to BS1362.

Check for the ASTA mark  or the BSI mark  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local dealer.

Before use

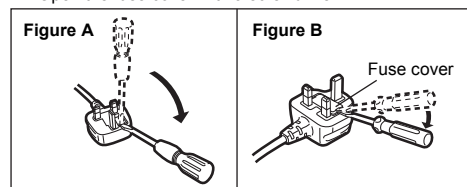
Remove the connector cover.

How to replace the fuse

The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.

Illustrations may differ from actual AC mains plug.

1. Open the fuse cover with a screwdriver.



2. Replace the fuse and close or attach the fuse cover.

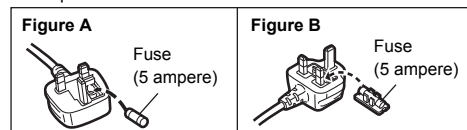


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About descriptions in these operating instructions

- Pages to be referred to are indicated as “→ ○○”.
- Labels on this unit are indicated as [○○] in these operating instructions.
- The illustrations shown may differ from your unit.
- These operating instructions are applicable to model SC-ALL9/SC-ALL6 for variety of regions. Unless otherwise indicated, illustrations in these operating instructions are of the model for the United Kingdom and Ireland.

Accessories

Check the supplied accessories before using this system.

☐ **1 AC mains lead**

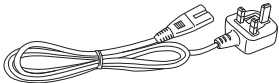
For the United Kingdom and Ireland

SC-ALL9EB-K **SC-ALL6EB-K**

(K2CT2YY00097)

SC-ALL6EB-W

(K2CT2YY00110)



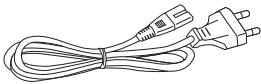
For Continental Europe

SC-ALL9EG-K **SC-ALL6EG-K**

(K2CQ2YY00119)

SC-ALL9EG-W **SC-ALL6EG-W**

(K2CQ2YY00136)



SC-ALL9

Wall mounting accessories

☐ **1 Screw**

(XTB3+8JFJK-J)



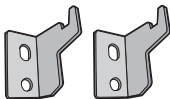
☐ **1 Safety holder**

(RSC1266)



☐ **2 Wall mount brackets**

(RSC1262-1)

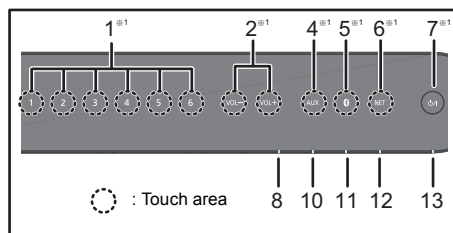


- Product numbers are correct as of January 2016. These may be subject to change.
- The supplied AC mains lead is for use with this system only. Do not use it with other equipment. Also, do not use cords from other equipment with this system.

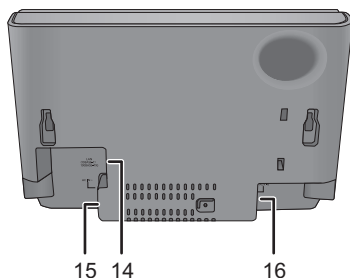
Control reference guide

SC-ALL9

Front

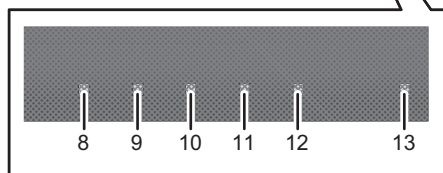
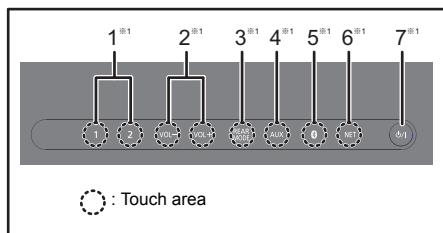


Rear

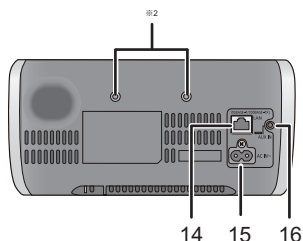


SC-ALL6

Front



Rear



1 Internet radio preset channel switches

SC-ALL9 [1] to [6] (→ 14)

SC-ALL6 [1] to [2] (→ 14)

2 Volume control switch [VOL -]/[VOL +]
Adjust the volume (0 (min) to 50 (max))

3 **SC-ALL6**
Rear surround switch [REAR MODE]

4 AUX switch [AUX]

5 Bluetooth® switch [Bluetooth icon]

6 Network switch [NET]

Enter WPS pairing mode (→ 9) / firmware update mode (→ 18)

7 Standby/on switch [Power icon]

Touch to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.

8 Mode indicator (amber)

Blinks once

- The following setting is turned on.
 - “Network standby” (→ 9)
 - “Bluetooth® standby” (→ 15)
 - “Automatic updates” (→ 18)
 - “Operation sound setting” (→ 19)
- When the setting is turned off, it blinks twice.
- Bluetooth® transmission mode is set to Mode 1. (→ 16)
- Bluetooth® input level is set to Low. (→ 16)
- AUX input level is set to Normal. (→ 16)

Blinks twice

- Bluetooth® transmission mode is set to Mode 2. (→ 16)
- Bluetooth® input level is set to Middle. (→ 16)
- AUX input level is set to High. (→ 16)

Blinks thrice

- Bluetooth® input level is set to High. (→ 16)

Blinks

- It may blink when the unit turns to standby mode.
 - Do not disconnect the AC mains lead. Doing so may cause malfunction or damage.

Blinks slowly

- The unit is during the update process. (→ 18)



- The mode indicator also blinks when the volume is changed.

9 **SC-ALL6**

Rear surround indicator (blue/green)

Lights up (green)

- The pairing as the left surround speaker is successful.

Lights up (blue)

- The pairing as the right surround speaker is successful.

Blinks slowly (green)

- The unit is waiting for the rear surround connection.

Blinks (green)

- The unit is waiting for pairing.

Blinks fast (green)

- The unit is ready for pairing as the left speaker.

Blinks fast (blue)

- The unit is ready for pairing as the right speaker.

10 AUX indicator (yellow)

Lights up

- AUX is selected as the audio source. (→ 16)

11 Bluetooth® indicator (blue)

Lights up

- The pairing as the Bluetooth® speaker is successful.

Blinks slowly

- The unit is waiting to connect.

Blinks fast

- The unit is ready for pairing.

12 Network indicator (blue/red)

Blinks alternately (blue/red)

- The unit is carrying out an internal process.
 - Wait for approximately 60 seconds before the blinking stops.
 - Do not disconnect the AC mains lead. Doing so may cause malfunction or damage.

Lights up (blue)

- The unit is connected to the network.

Blinks slowly (blue)

- The unit is ready for network setup. (→ 7)

Blinks (blue)

- The unit is waiting for the WPS connection. (→ 9)

Blinks fast (blue)

- The unit is waiting for the WPS PIN code connection. (→ 9)

Blinks (red)

- The unit is connecting to the network.
 - When the network connection cannot be established, the blinking keeps going. Check the network connection. (→ 7)



- The volume cannot be changed during the network indicator blinking blue.

13 Operation indicator (amber)

Blinks once

- The unit detects the switch touched.

Blinks twice

- The unit detects a valid operation performed by touching and holding the switch.

Blinks

- Automatic standby mode is activated. (→ 6)

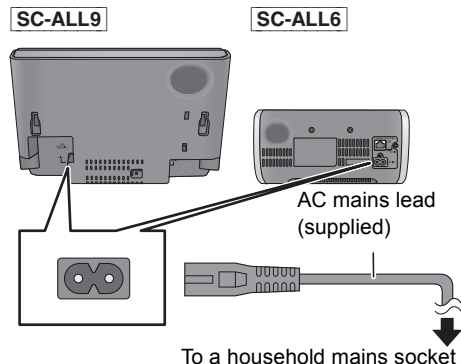
14 LAN terminal

15 AC IN terminal

16 AUX IN terminal

- ※1 These switches work just by touching the marks. Each time you touch the switch, there will be a beep sound. The beep sound can be set to off. (→ 19)
- ※2 Screw holes (used only to place the product on display at retailers)

Connections



- This unit consumes a small amount of AC power (→ 26) even when turned off.
- For the purpose of power conservation, disconnect the power supply if you will not be using it for extended period of time.
Some settings will be lost after you disconnect the system. You have to set them again.
- This speaker does not have magnetic shielding. Do not place them near a TV, PC or other magnetic devices.
- Do not disconnect the AC mains lead when the unit is on. Doing so may cause malfunction or damage.

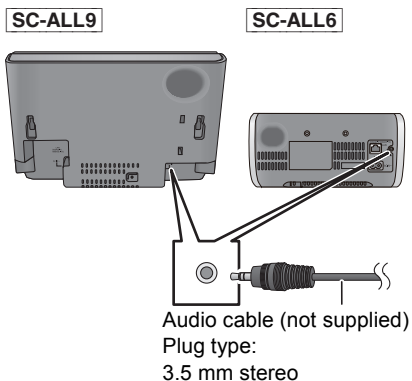
Automatic standby mode

This unit is designed to conserve its power consumption and save energy.

The unit will turn to standby mode automatically if there is no sound and it is not being used for approximately 20 minutes.

- The operation indicator (amber) blinks for approximately 1 minute before the unit turns to standby mode. Touch any switch to cancel it.

Connection of an external device



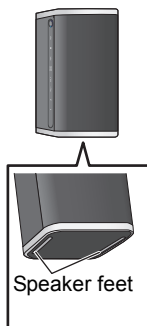
- For details, refer to the operating instructions of the device.

SC-ALL6

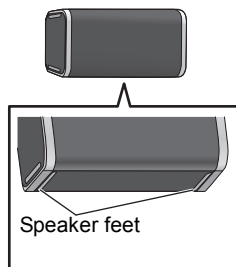
Installation

This unit can be installed either vertically or horizontally. Install the unit with the speaker feet side down as shown below.

Vertical



Horizontal

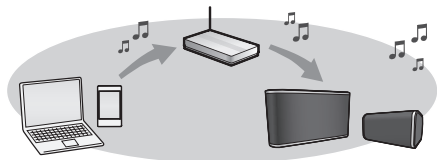


Network settings

You can stream music from a device on the network by using the Qualcomm® AllPlay™ smart media platform. To use these features, this unit must join the same network as the device.

Qualcomm® AllPlay™ smart media platform is a product of Qualcomm Connected Experiences, Inc.

- Please update the unit's firmware after the network settings are complete. (→ 18)



Choose a network setting method from the following.

“Using the app “Panasonic Music Streaming”” (→ right)

- You can make the wireless network settings with the app, “Panasonic Music Streaming” (free of charge).

“Using an Internet browser” (→ 8)

- You can access this unit's network settings from the Internet browser on your smartphone or tablet, etc.

“Using WPS (Wi-Fi Protected Setup™)” (→ 9)

- If your wireless router supports WPS, you can set up a connection by either pressing the WPS button, or entering the WPS PIN code.

“Using a LAN cable” (→ 10)

- You can make a stable connection to the network with a LAN cable.



- The setting will be cancelled after the set time limit. In that case, try the setting again.
- To cancel this setting in the middle, touch [⏻/I] to turn off the unit.

Using the app “Panasonic Music Streaming”

- Do not connect a LAN cable. Doing so will disable the Wi-Fi® function.

1 Download and start the app “Panasonic Music Streaming” (free of charge) on your smartphone/tablet.

- **iOS** : App Store
- **Android** : Google Play™



2 Open the app and follow the on-screen instructions.

- When the connection is established, the network indicator (blue) lights up.

The operations and on-screen display items, etc. of the app “Panasonic Music Streaming” are subject to change.

For the latest information, visit

<http://panasonic.jp/support/global/cs/audio/app/>
(This site is in English only.)

Using an Internet browser

- The following steps are based on a smartphone.
- Do not connect a LAN cable. Doing so will disable the Wi-Fi function.

1 Turn this unit on.

2 Go to Wi-Fi settings on the device.

- Proceed to the next step after the network indicator changes from blinking in blue and red to blinking slowly in blue*.
 - ※ The blinking in blue starts after approximately 1 minute. If the blinking in blue does not start, perform a network reset. (→ 9)



3 Select "AllPlay □□□□□_AJ" to connect to this unit.

- "□" stands for a character that is unique to each set.
- This can take up to 1 minute to appear in your Wi-Fi list.
- If this operation does not work correctly, please repeat it several times.
- Make sure that DHCP is enabled for the network setting on your compatible device.



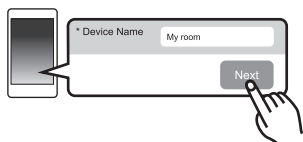
[iOS device]: The settings page will be automatically displayed in the Internet browser.

[Except iOS device]: Open the Internet browser and refresh the page to display the settings page.

- If the settings page is not displayed, type "http://172.19.42.1/" into the URL address field.

4 Type a device name and then select "Next".

- The device name will be displayed as this unit's name on the network.
- The guaranteed limit is 32 characters.
- The device name is set when "Next" is selected.
- You can also change the device name after the network connection is set up. (→ 10)

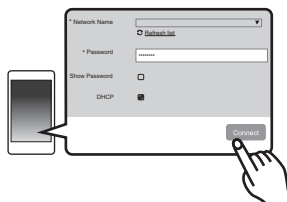


5 Select your network name (SSID) and type the password.

- Check the wireless router for the network name (SSID) and the password.
- A list of network names (SSIDs) will be appeared when you select the "Network Name" box.
- To show the characters typed in the "Password" box, select "Show Password".
- If your network requires specific settings, deselect "DHCP" to disable DHCP.
 - You can use specific IP address, subnet mask, default gateway, primary DNS, etc.
- To update the network name (SSID) list, select "Refresh list".

6 Select "Connect" to apply the settings.

- When the connection is established, the network indicator (blue) lights up.
- Depending on the device, the connection complete screen may not be displayed.



If the network indicator does not light up, check the network name (SSID) and the password, and then try the setting again.

7 Make sure to connect your compatible device back to your home wireless network.



- Enable Java and cookies in your browser settings.

■ Network standby

This unit will turn on automatically from standby mode when you select the unit as the output speakers.

- Network standby is normally active while the unit is connected to a network.
- The power consumption in standby mode will increase when the network standby is active. To reduce the power consumption in standby mode, turn off the network standby.

Touch and hold [NET] and [AUX] for at least 4 seconds.

The mode indicator blinks once.

On

The mode indicator blinks twice.

Off

- To keep the network standby turned off, select Bluetooth®, AUX or rear surround (**SC-ALL6**) as the audio source before switching the unit to standby mode.



- If this function is set to on, the network (wired LAN/Wi-Fi) remains active even in standby mode.
 - The power consumption in standby mode will increase.
- If this function is set to off, the network (wired LAN/Wi-Fi) is disabled in standby mode.
 - The network (wired LAN/Wi-Fi) will be enabled when the unit is turned on.
 - The power consumption in standby mode will be reduced.
- If the network indicator is blinking in blue and red, wait until the blinking stops.
- When the unit is turned on by this feature, the beginning part of the music may not be played back.
- Depending on the app, the conditions for activating this function may differ.
- The unit may not turn on even when selected as the output speakers. In that case, start playback.

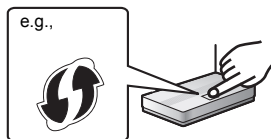
■ Network reset

Touch and hold [NET] and [1] for at least 4 seconds.

- The network indicator starts blinking blue/red.
- This function is disabled when this system is connected with a LAN cable.

Using WPS (Wi-Fi Protected Setup™)

- Do not connect a LAN cable. Doing so will disable the Wi-Fi function.



A compatible wireless router may have the WPS identifier mark.

1 Turn this unit on.

- Proceed to the next step after the network indicator changes from blinking in blue and red to blinking slowly in blue.

2 Touch and hold [NET] on the unit for at least 4 seconds.

- The network indicator (blue) blinks.

3 Activate the WPS button on the wireless router.

- When the connection is established, the network indicator (blue) lights up.

■ Using the WPS PIN code

After step 1

2 Touch and hold [NET], [1] and [2] for at least 4 seconds.

- The network indicator (blue) blinks faster.

3 Enter the PIN code “64428147” into the wireless router.

- When the connection is established, the network indicator (blue) lights up.

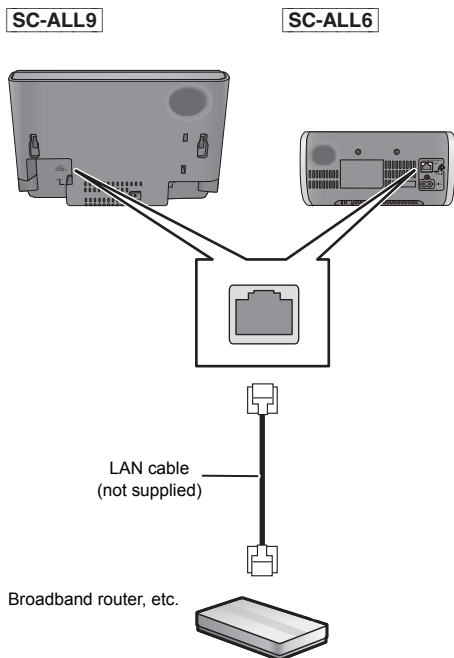


- Once the unit enters WPS PIN code mode, you cannot set up using the WPS button. To use the WPS button, turn off and then on the unit, and redo the network settings.
- Depending on a router, other connected devices may temporarily lose their connection.
- For details, refer to the operating instructions of the wireless router.

Using a LAN cable

- 1 Disconnect the AC mains lead.
- 2 Connect this unit to a broadband router, etc. using a LAN cable.

e.g.,



- 3 Connect the AC mains lead to this unit, and turn the unit on.

- When the connection is established, the network indicator (blue) lights up.



- Use category 5 or above straight LAN cables (STP) when connecting to peripheral devices.
- The LAN cable must be connected or disconnected while the AC mains lead is disconnected.
- Inserting any cable other than a LAN cable in the LAN port can damage the unit.
- If the LAN cable is disconnected, the network-related settings (→ right) will be initialized. In that case, make the settings again.
- When a LAN cable is connected, the Wi-Fi function will be disabled.
 - Power consumption will be reduced when the unit is turned on or is in standby mode.

To make network-related settings

You can change this unit's name on the network, and use specific IP address, subnet mask, default gateway, primary DNS, etc.

You can also change the name of this unit by changing a setting in the app "Panasonic Music Streaming" (version 2.0.8 or later) (→ 11). For details on the app, refer to the site below.
<http://panasonic.jp/support/global/cs/audio/app/>
(This site is in English only.)

Preparation

- Complete the network settings. (→ 7)

- 1 Connect your device to the same network as this unit.
- 2 Check this unit's IP address (→ 19), and note it down.
- 3 Start an Internet browser on your device and then type this unit's IP address into the address field to display the settings page.
 - It may take a few minutes until the settings page is displayed depending on the environment. In that case, reload the browser.
 - If the unit is connected with Wi-Fi, only a device name can be changed. Close the settings page after changing the device name.
 - To change the device name, select "Change", and type a new device name, and then select "Apply".
- 4 Type a device name and then select "Next".

- Refer to the step 4 of "Using an Internet browser" (→ 8) for details on a device name.

- 5 Select and input the details.

- If your network requires specific settings, deselect "DHCP" to disable DHCP.
 - You can use specific IP address, subnet mask, default gateway, primary DNS, etc.

- 6 Select "Connect" to apply the settings.

- When the connection is established, the network indicator (blue) lights up.

Streaming music over the network

You can stream music from your devices or online music services to this unit and other speakers powered by AllPlay.
You can also stream music source of this system to other speakers powered by AllPlay.

Streaming music on network devices

You can use the AllPlay function to stream music from the device on the network to this unit by using the app “Panasonic Music Streaming” (free of charge), etc.

- **iOS** : App Store
- **Android** : Google Play™



The operations and on-screen display items, etc. of the app “Panasonic Music Streaming” are subject to change.

For the latest information, visit

<http://panasonic.jp/support/global/cs/audio/app/>

More apps are available. For details, visit

<http://www.panasonic.com/global/consumer/homeav/allseries/service>

(These sites are in English only.)

Preparation

- Complete the network settings. (→ 7)
- Connect the following devices to the same network as this system.
 - Device with “Panasonic Music Streaming”, etc. installed
 - Device containing music

The following steps are based on “Panasonic Music Streaming”.

1 Turn this unit on.

- Check that the network indicator (blue) lights up.
 - If the network indicator is blinking in blue and red, wait until the blinking stops.

2 Start the app “Panasonic Music Streaming”.

- Always use the latest version of the app.

3 From “Speaker”, select this system as the output speakers.

- If you have multiple speakers powered by AllPlay, you can enjoy synchronised sound from them.
To group speakers, drag “” of the desired speakers over each other.
 - You can change the speaker mode setting for the unit to left or right channel to make stereo pairing.
 - You can also play different songs on other speakers powered by AllPlay at the same time.
 - The number of speakers powered by AllPlay that can perform playback at the same time differs depending on the situation of use.
 - When you turn off one of the speakers powered by AllPlay, other speakers in the same group may stop the playback.

4 Select a music source.

5 Select a song.

■ Enhancing the sound

When using the app “Panasonic Music Streaming”, you can use the below sound functions from the settings of the app.

- Equaliser
- L/R channel settings



- This system will be displayed as “Panasonic ALL9” or “Panasonic ALL6” if the device name is not set.
- About supported format, refer to “Audio support format” (→ 27).
- Depending on the contents and the connected equipment, playback may not be performed properly.
- Ensure to stop playback on your device before turning it off.

Streaming online music

This unit is compatible with several music services.

Visit the following website for the compatibility information.

<http://www.panasonic.com/global/consumer/homeav/allseries/service>

Preparation

- Make sure that the network is connected to the Internet.
- Connect a device with a compatible app installed to the same network as this system.

1 Turn this unit on.

- Check that the network indicator (blue) lights up.
 - If the network indicator is blinking in blue and red, wait until the blinking stops.

2 Start the app, and select a song to playback.

■ Using Spotify

- You will need Spotify Premium. For details, visit the following website.
www.spotify.com/connect/

After step 2

3 Select the square image of the song's cover art in the bottom left of the playback screen.

4 From “”, select this system as the output speakers.

- To enjoy synchronised sound from the multiple speakers powered by AllPlay, you need to group the speakers using the app “Panasonic Music Streaming”. (→ 11)

■ Using online music services other than Spotify

After step 2

3 From “”, select this system as the output speakers.

- Depending on the service, you might need to open full screen player to display “”.
- If you have multiple speakers powered by AllPlay, you can enjoy synchronised sound from them. Select “Group” and then select the speakers to group.

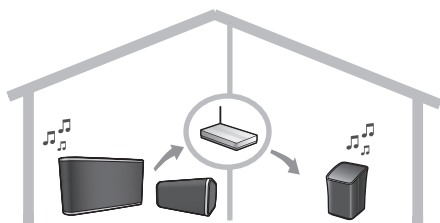


- This system will be displayed as “Panasonic ALL9” or “Panasonic ALL6” if the device name is not set.
- Registration/subscription is required.
- Fees may apply.
- Services, icons, and specifications are subject to change.
- For details, visit the individual music service's website.

Streaming music on this system to other speakers powered by AllPlay

You can use the app “Panasonic Music Streaming” (→ 11) to stream this system's music source (Bluetooth®/AUX source, etc.) to other speakers powered by AllPlay.

e.g.,



Preparation

- Complete the network settings. (→ 7)
- Prepare the desired audio source on this system (e.g. turn on the connected device, etc.).
- Install your device with the app “Panasonic Music Streaming”.
- Connect your device and your speakers powered by AllPlay to the same network as this system.

1 Turn this unit on.

- Check that the network indicator (blue) lights up.
 - If the network indicator is blinking in blue and red, wait until the blinking stops.

2 Start the app “Panasonic Music Streaming”.

- Always use the latest version of the app.

3 From “Speaker”, select the speaker to stream this system's audio.

- To stream this system's audio to other speakers powered by AllPlay, drag “” of the desired speakers over each other.

4 Select your desired music source from the list.

5 Select this system.

The device will start to read the selected music source's information from this system.

- This system will change to the selector mode for the selected music source.
- The speaker selected in step 3 and this system will be automatically grouped together.
- Depending on the selected music source, playback may start. If a content list appears on your device, select the desired content to start playback.
- You can change the speaker mode setting for the unit to left or right channel to make stereo pairing.
- The number of speakers powered by AllPlay that can perform playback at the same time differs depending on the situation of use.
- When you turn off one of the speakers powered by AllPlay, other speakers in the same group may stop the playback.



- This system will be displayed as “Panasonic ALL9” or “Panasonic ALL6” if the device name is not set.
- When enjoying video contents with this function, the video and audio output may not be synchronised.

Presetting the favourite stations (Only when playback using internet radio app)

This unit is compatible with the Qualcomm® AllPlay™ Radio powered by TuneIn. You can preset the favourite stations when playback using internet radio app “AllPlay Radio”. Qualcomm® AllPlay™ Radio powered by TuneIn is a product of Qualcomm Connected Experiences, Inc.

You can preset up to 6 channels ([SC-ALL9] or 2 channels ([SC-ALL6]).

- A station previously stored is overwritten when another station is stored in the same channel preset.

Preparation

- Make sure that the network is connected to the Internet.
- Connect a device with an “AllPlay Radio” app installed to the same network as this unit.

1 Turn this unit on.

- Check that the network indicator (blue) lights up.
 - If the network indicator is blinking in blue and red, wait until the blinking stops.

2 Start the app “AllPlay Radio”, and select a station to playback.

- Always use the latest version of the app.

3 Touch and hold one of the internet radio preset channel switches ([SC-ALL9] [1] to [6] / [SC-ALL6] [1] or [2]) on the unit for at least 4 seconds to preset the selected station.

The mode indicator blinks as many times as the channel number of the selected preset channel.

e.g.,

The mode indicator blinks 2 times when [2] is selected.

■ Listening to a preset channel

Touch one of the internet radio preset channel switches ([SC-ALL9] [1] to [6] / [SC-ALL6] [1] or [2]) on the unit.

The mode indicator blinks as many times as the channel number of the selected preset channel.

e.g.,

The mode indicator blinks 2 times when [2] is selected.



- If the selected preset channel has not been preset or this unit is not connected to the network, the mode indicator will not blink.

Bluetooth® operations

By using the Bluetooth® connection, you can listen to the sound of the Bluetooth® audio device wirelessly.

- Refer to the operating instructions of the Bluetooth® device for further instruction on how to connect a Bluetooth® device.

Connecting via Bluetooth® menu

Preparation

- Turn on the Bluetooth® feature of the device and place the device near this unit.

■ Bluetooth® pairing

1 Touch [🔗].

- If the Bluetooth® indicator (blue) blinks fast, go to step 3.

2 To enter pairing mode, touch and hold [🔗] for at least 2 seconds.

- The Bluetooth® indicator (blue) blinks faster.

3 Select “SC-ALL9” or “SC-ALL6” from the Bluetooth® device’s menu.

- The MAC address “□□□□□□” (□ stands for a character that is unique to each set.) may be displayed before “SC-ALL9” or “SC-ALL6” is displayed.
- The Bluetooth® indicator (blue) lights up and the device is connected to this unit.

■ Connecting a paired Bluetooth® device

1 Touch [🔗].

- The Bluetooth® indicator (blue) blinks slowly.
- If the Bluetooth® indicator (blue) lights, a Bluetooth® device is already connected with this unit. Disconnect it. (→ right)

2 Select “SC-ALL9” or “SC-ALL6” from the Bluetooth® device’s menu.

3 Start playback on the Bluetooth® device.

■ Disconnecting a Bluetooth® device

Touch and hold [🔗] for at least 2 seconds.

- The Bluetooth® indicator (blue) blinks slowly.



- If prompted for the passkey, input “0000”.
- You can register up to 8 devices with this unit. If a 9th device is paired, the device that has not been used for the longest time will be replaced.
- When [🔗] is selected as the source, this unit will automatically try and connect to the last connected Bluetooth® device. If the connection attempt fails, try to establish a connection again.
- When the unit is selected as the speakers powered by AllPlay, the audio source will change to the network.
- Bluetooth® cannot be selected as the audio source when the unit is waiting for the WPS PUSH or WPS PIN code connection.
- This unit can only be connected to one device at a time.
- When enjoying video contents with this function, the video and audio output may not be synchronised.

Bluetooth® standby

This function allows you to connect a paired Bluetooth® device when this unit is in standby mode.

- This unit will be turned on automatically when you connect a paired Bluetooth® device.
 - If this function is set to “On”, the standby power consumption will increase.

Touch and hold [🔗] and [1] for at least 4 seconds.

The mode indicator blinks once.

Bluetooth® Stand-by is “On”.

The mode indicator blinks twice.

Bluetooth® Stand-by is “Off”.



- You can not set this function during the network indicator blinking in blue and red.
- The factory default is “Off”.

Bluetooth® transmission mode

You can change the transmission mode to prioritise transmission quality or sound quality.

Preparation

- Touch [].
- If a Bluetooth® device is already connected, disconnect it.

Touch and hold [] and [2] for at least 4 seconds.

The mode indicator blinks once.
Mode1 (Emphasis on connectivity)
The mode indicator blinks twice.
Mode2 (Emphasis on sound quality)



- You can not set this function during the network indicator blinking in blue and red.
- Select "Mode1" if the sound is interrupted.
- The factory default is "Mode2".

Bluetooth® input level

If the sound input level from the Bluetooth® device is too low, change the input level setting.

Preparation

- Make sure that a Bluetooth® device is already connected with this unit. (→ 15)

Touch and hold [] and [VOL -] for at least 4 seconds.

- The mode indicator (amber) blinks to show the Bluetooth® input level.

Number of blinks	Bluetooth® input level
1	Low
2	
3	High



- You can not set this function during the network indicator blinking in blue and red.
- Select "Low" if the sound is distorted.
- The factory default is "Low".

AUX input

You can also listen to music from an external music player through this unit.

Preparation

- Connect an external device. (→ 6)

1 Touch [AUX].

- The AUX indicator lights up.

2 Start playback on the connected device.

■ To select the sound input level of the external device

While in AUX mode, touch and hold [AUX] for at least 4 seconds.

The mode indicator blinks once.
Normal level

The mode indicator blinks twice.
High level

- The factory default is "Normal level".

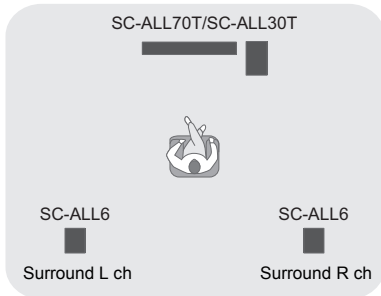


- You can not set this function during the network indicator blinking in blue and red.
- To improve sound distortion when "High level" is selected, select "Normal level".
- Turn the volume of the external device down to reduce the input signal. High level of input signal will distort the sound.
- For details, refer to the operating instructions of the device.
- When the unit is selected as the speakers powered by AirPlay, the audio source will change to the network.
- AUX cannot be selected as the audio source when the unit is waiting for the WPS PUSH or WPS PIN code connection.

Rear surround

If you have a compatible Panasonic Home Theater Audio System (e.g. SC-ALL70T/SC-ALL30T), you can use two SC-ALL6 units as rear surround speakers to enjoy surround speaker sound.

- Refer to the operating instructions for your compatible Panasonic Home Theater Audio System.



- The pairing mode is cancelled after about 2 minutes elapses. You can also touch [⏻/I] to cancel it.
- When this unit is in rear surround mode, turning the paired SC-ALL70T/SC-ALL30T on/off will automatically turn this unit on/off.
- The below functions may not be available when this unit is paired as rear surround speaker.
 - Streaming music by network
 - Adjusting volume with this unit
- You cannot adjust the delay time with this unit.
- If you try to set left and right surround speakers to the same channel on SC-ALL6, pairing fails.
- If pairing fails, the rear surround indicator starts to blink slowly.
Repeat the procedure from the beginning if this occurs.

Pairing

Preparation

- Turn SC-ALL6 and SC-ALL70T/SC-ALL30T on.

1 Start the pairing mode on SC-ALL70T/SC-ALL30T.

2 Touch [REAR MODE] on each SC-ALL6.

- The network indicator goes off. (Except when it is blinking alternately in red and blue)
- The rear surround indicator (green) starts to blink slowly.

3 Touch and hold [REAR MODE] for at least 4 seconds.

- The rear surround indicator (green) starts to blink.

4 Touch [1] and [REAR MODE] for at least 4 seconds on one SC-ALL6 as left surround speaker.

- The rear surround indicator (green) blinks faster and lights up when pairing is successful.

5 Touch [2] and [REAR MODE] for at least 4 seconds on the other SC-ALL6 as right surround speaker.

- The rear surround indicator (blue) blinks faster and lights up when pairing is successful.

Firmware updates

Occasionally, Panasonic may release updated firmware for this unit that may add or improve the way a feature operates. These updates are available free of charge.

You can also update the firmware from a pop-up prompting you to do so on-screen within the app "Panasonic Music Streaming" (version 2.0.8 or later) (→ 11). For details on the app, refer to the site below.
<http://panasonic.jp/support/global/cs/audio/app/>
(This site is in English only.)



DO NOT DISCONNECT the AC mains lead while the mode indicator (amber) blinks slowly.

- During the update process, no other operations can be performed.

Automatic updates

When this function is on, the unit will check and update the firmware automatically.

Preparation

- Download and start the app "Panasonic Music Streaming" (free of charge) on your smartphone.
- Connect this unit to the network. (→ 7)
 - Make sure that the network is connected to the Internet.
- If the network indicator is blinking in blue and red, wait for it to light up in blue.

■ To turn on the function

Touch and hold [NET] and [VOL +] for at least 4 seconds.

- The mode indicator blinks once.



- To turn off the function, touch and hold [NET] and [VOL -] for at least 4 seconds.
(The mode indicator blinks twice.)
- The factory default is off.

Manual updates

Preparation

- Connect this unit to the network. (→ 7)
 - Make sure that the network is connected to the Internet.
- If the network indicator is blinking in blue and red, wait for it to light up in blue.

1 Touch and hold [NET] and [⊗] for at least 5 seconds till the operation indicator (amber) starts to blink.

2 While continuing to hold [NET] and [⊗], touch [AUX].

- During the update process, the mode indicator (amber) blinks slowly.

3 After the update has finished, the mode indicator (amber) lights up for at least 3 seconds.

- The unit will restart and the network indicator (blue/red) blinks alternately.



- Downloading will require several minutes. It may take longer or may not work properly depending on the connection environment.
- If there are no updates, the mode indicator lights off.

Others

Operation sound setting

As a factory default, there will be a beep sound when you touch the switch on the unit.

■ **To cancel this function**
Touch and hold [1] and [2] for at least 4 seconds.

- The mode indicator (amber) blinks twice.



- To turn the function on, perform the same operation as the above.
(The mode indicator blinks once.)

Wi-Fi signal strength

To check the Wi-Fi signal strength where the unit is located.

Touch and hold [NET] and [2] for at least 4 seconds.

- The mode indicator (amber) blinks once and then blinks again to show the Wi-Fi signal strength.

Number of blinks	Wi-Fi signal strength
0	Weak
1	
2	
3	
	Strong



- If the network indicator is blinking in blue and red, wait until the blinking stops.
- If the Wi-Fi signal strength cannot be checked, deselect the unit from speakers powered by AllPlay, and try again.

IP/MAC address

To check the unit's IP address and the MAC address.

Preparation

- Download the app "Panasonic Music Streaming". (→ 11)

- 1 **Start the app "Panasonic Music Streaming".**
- 2 **From "Speaker", select "  ".**
- 3 **Select this unit.**



- This unit will be displayed as "Panasonic ALL9" or "Panasonic ALL6" if the device name is not set.
- If the network indicator is blinking in blue and red, wait until the blinking stops.

Attaching to a wall (optional)

Consult a qualified building contractor when attaching the unit to a wall.

WARNING

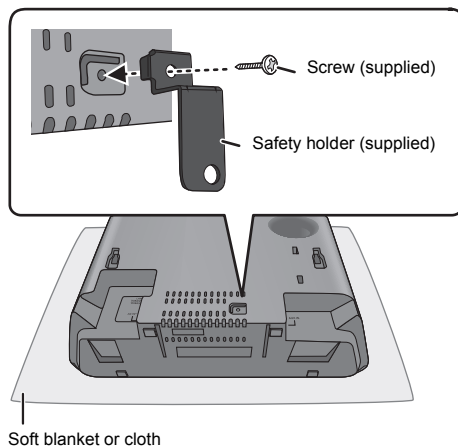
- To prevent injury, this apparatus must be securely attached to the wall in accordance with the installation instructions.
- Keep the safety holder, the screws, and the wall mount brackets out of reach of children to prevent swallowing.

Preparation

- Turn the unit off and disconnect the AC mains lead from the AC outlet.
- Make sure the location to place the unit has a stable Wi-Fi connection. (→ 19)

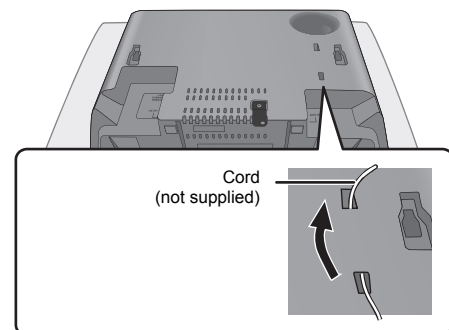
1 Fix the safety holder onto the unit.

- Screw tightening torque: 50 N•cm to 70 N•cm.



2 Attach the fall prevention cord to the unit.

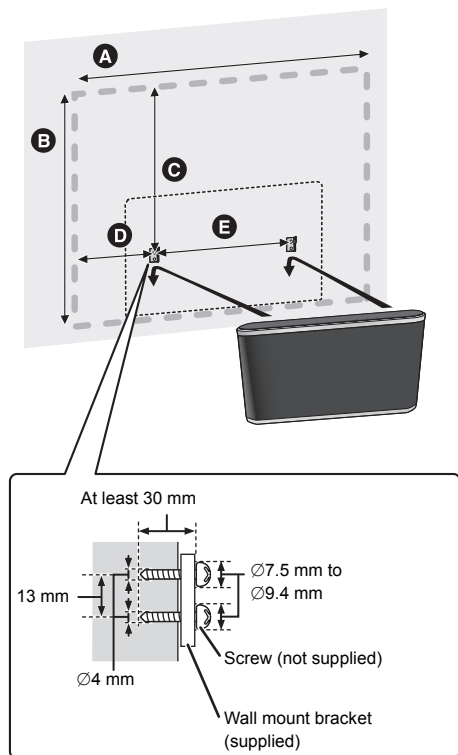
- Use a cord that is capable of supporting over 50 kg with a diameter of about 1.5 mm.



3 Attach the wall mount brackets to the wall, and then hook the unit securely onto them.

- Make sure that the wall and the screws are capable of supporting at least 50 kg.
- Use a level to ensure both wall mount brackets are level.
- Connect the AC mains lead to the unit before hanging the unit onto the wall. (→ 6)

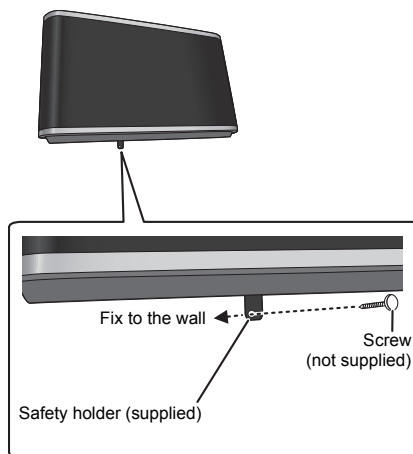
Space required



- A** 573 mm
- B** 524 mm
- C** 407 mm
- D** 156 mm
- E** 248 mm

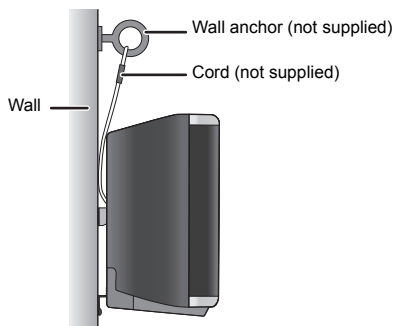
4 Drive a screw to secure the safety holder onto the wall.

- Refer to step 3 for requirements before screwing.



5 Attach the fall prevention cord to the wall.

- Make sure that the slack of the cord is minimal.



Troubleshooting

Before requesting service, make the following checks.

If the problem remains unresolved, consult your dealer for instructions.

Do you have the latest firmware installed?

- Panasonic is constantly improving the unit's firmware to ensure that our customers are enjoying the latest technology. (→ 18)

For further dedicated help, support and advice about your ALL Series product please visit:
<http://panasonic.jp/support/global/cs/audio/ALL/index.html>

(This site is in English only.)

General

To return all settings to the factory defaults

- ① Turn this unit on.
 - If the network indicator is blinking in blue and red, proceed to the next step after the blinking stops.
- ② Touch and hold [⏻/I].
 - The operation indicator (amber) starts to blink.
- ③ While continuing to hold [⏻/I], touch [NET].
 - The mode indicator (amber) blinks 4 times.

Cannot turn on the unit.

- After connecting the AC mains lead, wait about 10 seconds before turning on the unit.

Humming heard during playback.

- There are cords of other appliances or fluorescent light near the unit's AC mains lead. Turn the appliances off or keep them away from the AC mains lead.

The sound is distorted when using the AUX IN terminal.

- High level of input signal distorts the sound. To reduce the input signal level, lower the volume of the connected device or set the sound input level to "Normal level". (→ 16)

The network indicator does not stop blinking in blue and red.

- The unit needs to be repaired. Consult your dealer.

The unit does not work as described in the Operating Instructions.

- Update the unit's firmware. (→ 18)

Bluetooth®

Pairing cannot be done.

- Check the Bluetooth® device condition.

The device cannot be connected.

- The pairing of the device was unsuccessful or the registration has been replaced. Try pairing the device again. (→ 15)
- This system might be connected to a different device. Disconnect the other device and try pairing the device again.

The device is connected but audio cannot be heard through this system.

- For some Bluetooth® devices, you have to set the audio output to "SC-ALL9" or "SC-ALL6" manually. Read the operating instructions for the device for details.

Connection is interrupted.

Sound is interrupted/sound skips/there is a lot of noise.

- Remove any obstacle between this system and the device.
- Other devices that use the 2.4 GHz frequency band (wireless router, microwaves, cordless phones, etc.) are interfering. Bring the Bluetooth® device closer to this system and distance it from the other devices.
- Select "Mode1" for stable communication. (→ 16)

If the above does not fix the problem, you may be able to fix the problem by reconnecting this unit and the Bluetooth® device. (→ 15)

Firmware updates

The mode indicator (amber) keeps blinking twice.

- This unit is not connected to the network. Touch any switch, and then check the network connection. (→ 7)

The mode indicator (amber) keeps blinking three times.

- The update has been failed. Touch any switch, and then try again.
- When using a LAN cable, make sure to connect the LAN cable while the AC mains lead is disconnected. (→ 10)

The mode indicator (amber) keeps blinking fast.

- An error has occurred. Disconnect the AC mains lead and reconnect it. Turn the unit on and try again.

Network

Cannot connect to the network.

- This unit's Wi-Fi security supports WPA2™ only. Your wireless router must therefore be WPA2™ compatible. For details on the security supported by your router and how to change the settings, please refer to the operating instructions or contact your Internet service provider.
- If the network is set to be invisible, make the network visible while you set up the network for this unit or make a wired LAN connection. (→ 10)
- Make sure that the multicast function on the wireless router is enabled.
- Depending on the routers, WPS button may not work. Try other methods. (→ 7)

The network indicator (red) keeps blinking.

- This unit is not connected to the network. Check the network connection. (→ 7)

Cannot select this unit as the output speakers.

- Make sure that the devices are connected to the same network as this unit.
- Reconnect the devices to the network.
- Turn off and then on the wireless router.

Playback does not start.

The sound is interrupted.

- If using the 2.4 GHz band on the wireless router, simultaneous use with other 2.4 GHz devices, such as microwaves, cordless telephones, etc., may result in connection interruptions. Increase the distance between this unit and these devices.
 - If your wireless router supports 5 GHz band, try using the 5 GHz band.
 - To change to the 5 GHz band, perform a network reset (→ 9), and redo the network settings using an Internet browser (→ 8). On the step 5, make sure to select your network name (SSID) for the 5 GHz band.
- Do not place this unit inside a metal cabinet, for it might block the Wi-Fi signal.
- Place this unit closer to the wireless router.
- If several wireless devices are simultaneously using the same network as this unit, try turning off the other devices or reducing their network usage.
- Reconnect the devices to the network.
- Turn off and then on the wireless router.
- Try a wired LAN connection. (→ 10)

Slow to switch to network mode.

- It may take some time to switch from rear surround mode to network mode when this system is connected wirelessly.

Unit care

Clean this unit with a soft, dry cloth.

- Never use alcohol, paint thinner or benzene to clean this unit.
- Before using chemically treated cloth, carefully read the cloth's instructions.

■ To dispose or transfer this unit

The unit may keep the user settings information in the unit. If you discard this unit either by disposal or transfer, then follow the procedure to return all the settings to the factory defaults to delete the user settings.

(→ 22, "To return all settings to the factory defaults")

- The operation history may be recorded in the memory of this unit.



Disposal of Old Equipment Only for European Union and countries with recycling systems

This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products must 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.

By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment.

For more information about collection and recycling, please contact your local municipality.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

About Bluetooth®

Paranasonic bears no responsibility for data and/or information that is compromised during a wireless transmission.

■ Frequency band used

This system uses the 2.4 GHz frequency band.

■ Certification of this device

- This system conforms to frequency restrictions and has received certification based on frequency laws. Thus, a wireless permit is not necessary.
- The actions below are punishable by law in some countries:
 - Taking apart or modifying the unit.
 - Removing specification indications.

■ Restrictions of use

- Wireless transmission and/or usage with all Bluetooth® equipped devices is not guaranteed.
- All devices must conform to standards set by Bluetooth SIG, Inc.
- Depending on the specifications and settings of a device, it can fail to connect or some operations can be different.
- This system supports Bluetooth® security features. But depending on the operating environment and/or settings, this security is possibly not sufficient. Transmit data wirelessly to this system with caution.
- This system cannot transmit data to a Bluetooth® device.

■ Range of use

Use this device at a maximum range of 10 m. The range can decrease depending on the environment, obstacles or interference.

■ Interference from other devices

- This system may not function properly and troubles such as noise and sound jumps may arise due to radio wave interference if this system is located too close to other Bluetooth® devices or the devices that use the 2.4 GHz band.
- This system may not function properly if radio waves from a nearby broadcasting station, etc. are too strong.

■ Intended usage

- This system is for normal, general use only.
- Do not use this system near an equipment or in an environment that is sensitive to radio frequency interference (example: airports, hospitals, laboratories, etc.).

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Specifications

SC-ALL9

■ GENERAL

Power supply	AC 220 V to 240 V, 50 Hz
Power consumption	22 W
Power consumption in standby mode (Off mode)	Approx. 0.15 W
(When "Network standby" is on)	Approx. 3.0 W

Dimensions (W×H×D)
373 mm×224 mm×138 mm

Mass
Approx. 4.0 kg

Operating temperature range
0 °C to +40 °C

Operating humidity range
35 % to 80 % RH (no condensation)

■ AMPLIFIER SECTION

RMS output power	
Front Ch (both ch driven)	20 W per channel (8 Ω), 1 kHz, 10 % THD
Subwoofer	40 W (4 Ω), 100 Hz, 10 % THD
Total power	80 W

■ FRONT SPEAKER (L/R)

Speaker unit(s)	
1. Woofer	8 cm cone type×2
2. Tweeter	2.5 cm semi-dome type×2
Impedance	8 Ω

■ SUBWOOFER

Speaker unit(s)	
1. Subwoofer	12 cm cone type×1
Impedance	4 Ω

■ TERMINALS SECTION

AUX Terminal	Stereo, Ø3.5 mm jack
LAN port	10 Base-T/100 Base-TX

SC-ALL6

■ GENERAL

Power supply	AC 220 V to 240 V, 50 Hz
Power consumption	14 W
Power consumption in standby mode (Off mode)	Approx. 0.2 W
(When "Network standby" is on)	Approx. 3.0 W

Dimensions (W×H×D)	
Horizontal placing	248 mm×131 mm×155 mm
Vertical placing	131 mm×248 mm×165 mm

Mass
Approx. 2.5 kg

Operating temperature range
0 °C to +40 °C

Operating humidity range
35 % to 80 % RH (no condensation)

■ AMPLIFIER SECTION

RMS output power	
Front Ch (both ch driven)	20 W per channel (8 Ω), 1 kHz, 10 % THD
Total power	40 W

■ FRONT SPEAKER (L/R)

Speaker unit(s)	
1. Woofer	8 cm cone type×2
2. Tweeter	2.5 cm semi-dome type×2
Impedance	8 Ω

■ TERMINALS SECTION

AUX Terminal	Stereo, Ø3.5 mm jack
LAN port	10 Base-T/100 Base-TX

■ WIRELESS SECTION

Frequency range	2.40335 GHz to 2.47735 GHz
No. of channels	38

■ Bluetooth® SECTION

Version	Bluetooth® Ver.3.0
Output	Class 2 (2.5 mW)
Correspondence profile	A2DP
Communication method	2.4 GHz band FH-SS
Prospective Communication distance	Approx. 10 m ^{*1}

■ Wi-Fi SECTION

Wi-Fi	
WLAN Standard	IEEE802.11a/b/g/n
Frequency range	2.4 GHz band (1-11 ch)/ 5 GHz band (36-165 ch)
Security	WPA2™
WPS version	Version 2.0

■ Audio support format (AllPlay)

MP3/AAC	
Sampling frequency	32/44.1/48 kHz
Audio word size	16 bits
Channel count	2 ch
Bit-rate	8-320 kbps
FLAC ^{*2} /ALAC/WAV	
Sampling frequency	32/44.1/48/88.2/96/176.4/ 192 kHz
Audio word size	16 bits/24 bits
Channel count	2 ch



- Specifications are subject to change without notice.
 - Mass and dimensions are approximate.
 - Total harmonic distortion is measured by a digital spectrum analyzer.
- ※1 Prospect communication distance.
Measurement environment.
(Temperature 25 °C, Height 1.0 m)
Measure in "Mode1"
- ※2 Uncompressed FLAC files may not operate correctly.

CE 0197 !

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Class II equipment (The construction of the product is double-insulated.)

SC-ALL9

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Version 2.1, February 1999

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ConfigFile.h
Class for reading named values from configuration files
Richard J. Wagner v2.1 24 May 2004 wagner@umich.edu
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* $FreeBSD: src/sys/net/if_dl.h,v 1.12 2002/05/07 22:14:06 kbyanc Exp $
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