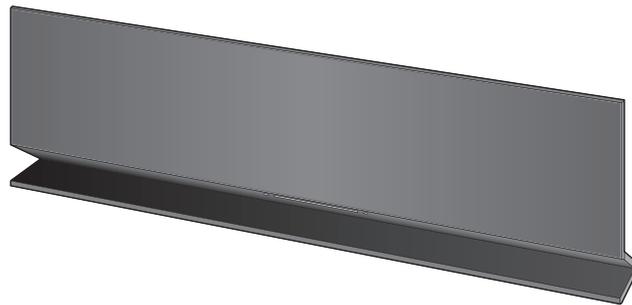


Panasonic®

Owner's Manual Compact Stereo System

Model No. SC-AP01



Thank you for purchasing this product.
For optimum performance and safety, please read these instructions carefully.
Please keep this manual for future reference.

If you have any questions, contact:
U.S.A. and Puerto Rico: 1-800-211-PANA (7262)
Canada: 1-800-561-5505

La referencia rápida en español se puede encontrar en la página 14-16.

P PC

RQT9655-P

Confidential until
2012/03/09

IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit. Follow the safety instructions on the unit and the applicable safety instructions listed below. Keep these operating instructions handy for future reference.

- 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.

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.

AC adaptor

- Install this unit so that the AC adaptor can be unplugged from the socket outlet immediately if any problem occurs.

CAUTION

Unit

- Do not place sources of naked flames, such as lighted candles, on this unit.

Placement

- 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.

AC adaptor

This AC adaptor operates on AC between 100 V and 240 V.

But

- In the U.S.A. and Canada, the AC adaptor must be connected to a 120V AC power supply only.
- When connecting to an AC supply outside of the U.S.A. or Canada, use a plug adaptor to suit the AC outlet configuration.

Product Identification Marking is located on the bottom of the unit.

Unit care

Pull out the AC adaptor from the outlet before maintenance.

■ Clean this unit with a soft, dry cloth

- When dirt is heavy, wring a cloth moistened in water tightly to wipe the dirt, and then wipe it with a dry cloth.
- When cleaning the speaker covers, use a fine cloth. Do not use tissues or other materials (towels, etc.) that can fall apart. Small grains may get stuck inside the speaker cover.
- Never use alcohol, paint thinner or benzine to clean this unit.
- Before using chemically treated cloth, carefully read the instructions that came with the cloth.

■ 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 presets to delete the user settings. (⇒ 12, "To return all settings to the factory preset")

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

Licenses



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



The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance.
The Wi-Fi Protected Setup Mark is a mark of the Wi-Fi Alliance.
"Wi-Fi", "Wi-Fi Protected Setup", "WPA" and "WPA2" are marks or registered marks of the Wi-Fi Alliance.

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Spanish Quick Reference / Referencia rápida en español

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Accessory

Check the supplied accessory before using this unit.

- 1 AC adaptor**
(RFEA228C-AG)

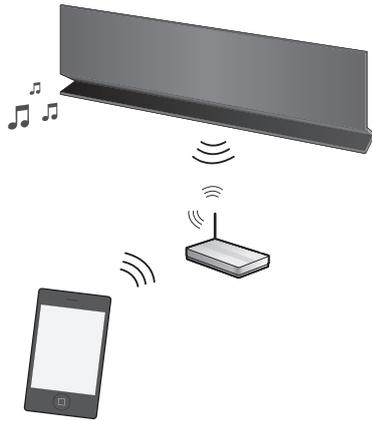


- Do not use any other AC adaptors except the supplied one.
- Product numbers provided in this Owner's Manual are correct as of February 2012. These may be subject to change.

About this product

Listening to music with AirPlay

With this product you can wirelessly stream music from the compatible device (⇒ below) to this unit's speakers.



Operations with the remote control app

It is possible to adjust the volume, turn this unit on or switch it to standby mode, and adjust various other features from the screen of your iPhone or iPod touch.

Install this specific application onto your iPhone or iPod touch to use this unit. (⇒ 9)



- This application is specially made for iPhone and iPod touch.

Compatible devices

AirPlay works with;

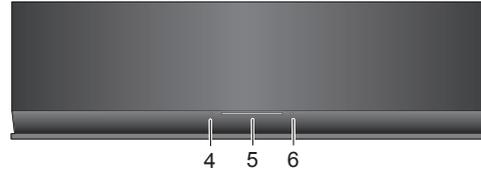
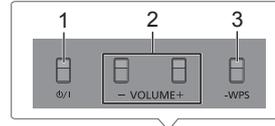
- iOS 4.2 or later
 - iPod touch (2nd, 3rd, and 4th generation),
 - iPhone 4S, iPhone 4, iPhone 3GS,
 - iPad 2, iPad
- iTunes 10.2 or later
 - Mac / PC

(as of February 2012)



- Please be aware that Panasonic accepts no responsibility for the loss of data and/or information.

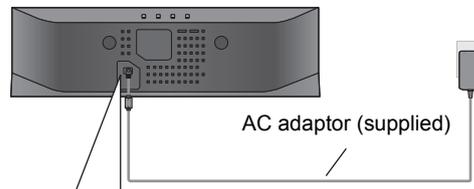
Control reference guide



- 1 Standby/on switch [⏻/⏻]
Press 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.
- 2 Adjust the volume
- 3 WPS pairing button (⇒ 7)
- 4 Power on indicator
- 5 Wi-Fi® status indicator
- 6 Operation indicator

Connection

Connect the AC adaptor to the household AC outlet.



This unit consumes a small amount of AC power (⇒ 13) even when turned off.



(DC IN 12 V)

- When leaving the product unused for a long time, turn off the unit and pull the AC adaptor out of the household AC outlet for power saving.



- These speakers do not have magnetic shielding. Do not place them near a television, personal computer or other devices easily influenced by magnetism.
- When moving this unit, be sure to remove the USB cable and turn this unit to standby mode.

Charging from the USB port

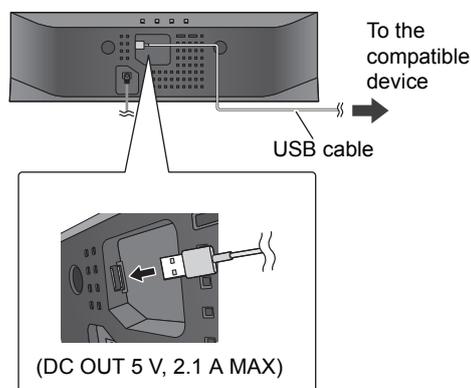
When this unit is turned on and a portable music player that is compatible to USB charging is connected to this unit's USB port, charging will start automatically.

- It is not possible to playback the music on the connected device from this unit's speakers or operate the device from this unit through this connection.
- Refer to the operating instructions of the device for details about charging.

Preparation

Turn this unit on.

- 1 Connect the compatible device to this unit with an appropriate USB cable.



- Refer to the connected device to check if the device is fully charged.

- 2 Once fully charged, remove the USB cable from this unit.



- There is no charging during standby mode.
- This unit is capable of charging upto a load of 2.1 A.
- When fully charged, this unit will not stop the charging automatically. Remove the USB cable from this unit once the connected device is fully charged.
- The USB cable is not supplied with this unit. Use the USB cable that is supplied with the compatible device. If a USB cable is not supplied with the device, be sure to use an appropriate USB cable. Refer to the operating instructions of the device for details about the appropriate USB cable.

Network settings

To use the AirPlay function, this unit must join the same wireless network as the compatible device. (⇒ 4)

Preparation

With this unit there are 2 methods to setup the wireless connection. Determine which type of wireless network router you are using and follow the method that matches your device.

- Refer to the operating instructions of the wireless network router for details.

If you do not know which type of wireless network router you are using, use "Method 2".

- Turn the unit on.



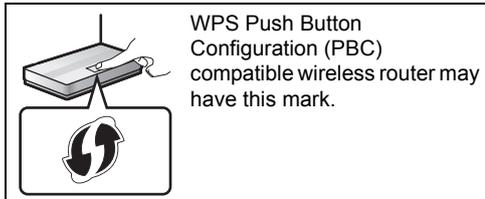
- When performing the network settings, place this unit close to the wireless router.
- Simultaneous use with a microwave, cordless telephone and other 2.4 GHz devices may result in connection interruptions.
- Immediately after this unit is turned on, the network setup may take longer to start.
- This unit cannot join a wireless network using WEP security settings with "Method 1". Use "Method 2" to join the wireless network.
- To cancel this setting in the middle, press [P/I] to turn off the unit.
- For up to date compatibility information on your Wireless router refer to <http://panasonic.jp/support/global/cs/> (This site is in English only.)

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Method 1

If your wireless network router supports WPS*1.

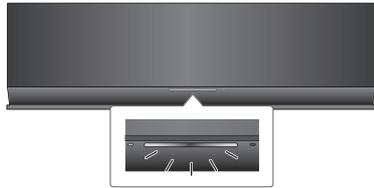
■ Using the WPS Push Button Configuration (PBC)



- 1 Press and hold [- WPS] on the unit for more than 2 seconds.

↳ The Wi-Fi® status indicator blinks blue. Continue to step 2.

- Complete step 2 within 2 mins.



- 2 Press the WPS button on the wireless router.

↳ When a link is established Wi-Fi® status indicator blinks quickly.

↳ When the configuration is finished, Wi-Fi® status indicator lights blue.



- This unit can also be set using the WPS PIN code. Replace step 2 of "Method 1" with the following steps. (Before starting, refer to the wireless network router's operating instructions for details on how to enter the PIN code.)

- 1 While the Wi-Fi® status indicator blinks blue, press and hold [- WPS] again.

↳ The Wi-Fi® status indicator blinks purple. Continue to the next step.

- 2 Enter the PIN code "64428147" into the wireless router.

- To edit this system's name it is necessary to use "Method 2".
- The Wi-Fi® status indicator turns off or blinks red if the connection was not made within the set time limit. Try the setting again. If the Wi-Fi® status indicator still turns off or blinks red, try "Method 2".

Method 2

If your wireless network router does not support WPS*1.

With this method, you will access this unit's wireless network settings from the Internet browser of your compatible device.

- The illustrations and explanations are based on an iPhone. However, the word "iPhone" can be replaced with your compatible device.

Preparation

- Check your **home wireless network name** (Network name (SSID)) and **password** for this network. This can often be found on the wireless router itself.
- Turn on your iPhone.

- 1 Press and hold [VOL +] and [- WPS] on this unit for more than 2 seconds.

↳ The Wi-Fi® status indicator blinks purple.



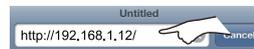
- 2 Connect your iPhone to this unit's wireless network called

"Setup _ _ _ _ _" *2, 3.

- Once "Setup _ _ _ _ _" is selected, the iPhone is connected with this unit.



- 3 Start Safari on your iPhone and type "http://192.168.1.12/" into the URL address field and display the page.



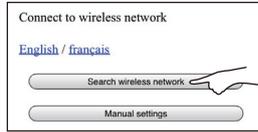
↳ This unit's setup window is displayed.

*1: WPS stands for "Wi-Fi Protected Setup™".

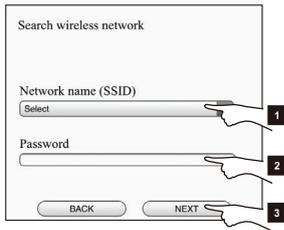
*2: " _ " stands for a digit that is unique to each set.

*3: Make sure that DHCP is enabled for the network setting on the iPhone.

4 Select “Search wireless network”.



5 Select and input the details.



- 1** Select your **home wireless network name**.^{*1}
- 2** Type the **password**.
- 3** Select “NEXT”.

6 Perform the “Additional settings”. (⇒ right)
If they do not apply, continue to the next step.

7 Select “JOIN” to apply the settings.

- ↳ In the pop-up screen select “OK” to continue.
 - Select “CANCEL” to return to the setup window.
- ↳ The Wi-Fi® status indicator blinks blue.
 - You can now close the Safari browser.
- ↳ When the configuration is finished, the Wi-Fi® status indicator lights blue.

If the Wi-Fi® status indicator turns off or blinks red, turn the unit off and on again, check the wireless network password and other settings and start again from step 1.

8 Connect your iPhone back to your home wireless network.

Alternative settings

Instead of steps 4 and 5:
Select “Manual settings”.

- 1 Type your **home wireless network name** into the “Network name (SSID)” field.
- 2 Select the **encryption method** from the “Security system” drop down list.
- 3 Type the **password** into the “Password” field and then select “NEXT”.

Additional settings

In step 6:

If your home wireless network has been setup to use specific IP Addresses, Subnet Mask, Default Gateway, Primary DNS, etc. Select “Advanced network settings”.

- ↳ Input the required addresses into each field and select “OK”.
- To change the settings back to DHCP, select “ON” from the “DHCP” drop down list.

If you want to change the name of this unit that is displayed as the AirPlay speakers. Select “Edit STEREO SYSTEM name”.

- ↳ Only ASCII characters can be used.
- ↳ Type a new name into the “STEREO SYSTEM name” field and select “OK”.



- Enable Java and Cookies in your browser settings.
- To cancel this setting in the middle, press [⏏/I] to turn off the unit.

(Continues to next page)

*1: If you have set your wireless network to be invisible, select “BACK” and refer to “Alternative settings”. (⇒ above)

Using AirPlay with this unit's speakers

When this unit is on the same network as the compatible device, you can select this unit as the speakers.

Preparation

- Connect this unit to the same network as the compatible device. (⇒ 5)
- Turn on the compatible device. (⇒ 4)

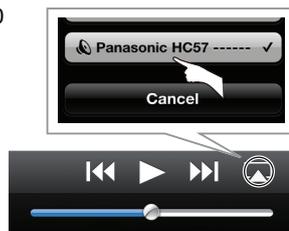
1 Start iTunes on your Mac/PC or the Music App on your iOS device.

- If the Music App on your iOS device is used, select the file that is to be played.

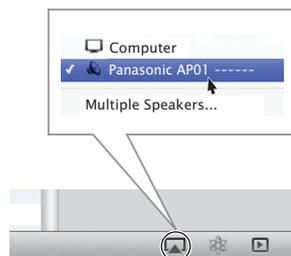
2 Select this unit from the AirPlay icon at the bottom right-hand corner of the display.

- ↳ Check the volume settings before starting the playback. (When AirPlay is used for the first time, the volume may be output at the maximum setting.)
- If you have not changed the name, this unit will be displayed as "Panasonic AP01 _ _ _ _ _**1,2."

e.g., iPhone iOS 5.0



e.g., iTunes 10.5 (Bottom right)



3 Start play.



- This unit can be set to turn on automatically when this unit is selected as the output speakers. (⇒ 10)
- Volume changes on the iOS device or iTunes will be applied to this unit. (Refer to the iTunes Help for the required settings in iTunes.)
- With some iOS and iTunes versions, it may not be possible to restart the AirPlay playback if the unit is turned off during the AirPlay playback. In this case, select a different device from the AirPlay icon of the Music App or iTunes and then re-select this unit as the output speakers.
- AirPlay will not work when playing back videos on iTunes.

*1: “_” stands for a digit that is unique to each set.

*2: The name that is displayed for this unit can be changed from the “Edit STEREO SYSTEM name” settings in “Method 2”. (⇒ 6)

Using the remote control app

By installing the remote control app “Panasonic Stereo System Remote 2012” onto your iPhone or iPod touch, it is possible to adjust the volume, turn the unit on and off, and adjust various other features of this unit.

- The following operations and settings cannot be performed from a computer.

Visit the following website for details on how to operate the remote control app “Panasonic Stereo System Remote 2012”:

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



- This application is specially made for iPhone and iPod touch.
- Some operations and settings can only be performed by using the remote control app.
- Refer to the operating instructions of the iPhone or iPod touch for details about it's operations.

Installing the app

Preparation

Connect the iPhone or iPod touch to the Internet.

- 1 Start the “App Store” app.
- 2 Select “Search” and search for “Panasonic Stereo System Remote 2012”.
- 3 Select “Panasonic Stereo System Remote 2012” and install it onto your iOS device.

↳ The remote control app icon is added to your “Home” screen.

Operations from the remote control app

Connect the iPhone or iPod touch to the same network as this unit.

- 1 Start the “StereoRemote” app.
- 2 If the “Device List” is displayed, select “Panasonic AP01 _____”.

• If you have not changed the name, this unit will be displayed as “Panasonic AP01 _____”^{*1,2}.

↳ A menu screen is displayed.

- The operation indicator (⇒ 4) blinks green.

(Continues to next page)

*1: “_” stands for a digit that is unique to each set.

*2: The name that is displayed for this unit can be changed from the “Edit STEREO SYSTEM name” settings in “Method 2”. (⇒ 6)

Sound adjustment

The following operations can be performed from the "Sound" screen.

■ The preset equalizer

"HEAVY" (heavy), "SOFT" (soft), "CLEAR" (clear), "VOCAL" (vocal) or "FLAT" (flat/off).

- The factory preset is "HEAVY".

■ Bass and Treble (BASS, TREBLE)

Adjust the level (-4 to +4).

■ Dynamic Bass (D.BASS)

"ON" or "OFF".

- The factory preset is "ON".

■ Direct-vocal surround (D.SURROUND)

"LEVEL 1", "LEVEL 2" or "OFF".

- The factory preset is "OFF".

■ Muting the sound (MUTE)

The sound is temporarily muted.

■ Adjusting the volume (VOL)

Move the volume bar to adjust the volume of this unit.



- You may experience a reduction in sound quality when these effects are used with some sources. If this occurs, turn the sound effects off.

Other adjustment

The following operations can be performed from the "Controller" screen.

■ Turn this unit on or off (⏻)



- To turn this unit on, "NET STANDBY" must be set to "ON". (⇒ below)

■ Automatic standby (AUTO OFF)

This unit can be set to turn off automatically if there is no sound output and no operation for 30 minutes.

- As a factory preset, this function is turned on. To deactivate this function select "OFF"



- Unless automatic standby is turned off, this function will work every time this unit is turned on.
- This setting can only be performed from the remote control app.

■ Network standby (NET STANDBY)

This unit can turn on automatically from standby mode when this unit is selected as the AirPlay speakers.

- As a factory preset, this function is turned off. To activate this function select "ON"



- The factory preset is "OFF". If this function is set to "ON" the standby power consumption will increase.
- This setting can only be performed from the remote control app.

Others

Wi-Fi® signal strength

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

Preparation

Connect this unit to the wireless network. (⇒ 5)

- 1 Stop the AirPlay playback to this unit.
 - Wait for at least 15 seconds before proceeding to step 2.
- 2 Press and hold [VOL +] and then also [VOL -] on the main unit for more than 2 seconds.
 - The operation indicator (⇒ 4) blinks a set number of times.



- A stable connection is available when the operation indicator blinks 3 times. Change the position or angle of your wireless network router or the unit in the following cases:
 - The operation indicator only blinks 2 times or 1 time.
 - The sound is interrupted.

Software update

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

Preparation

Connect this unit to the wireless network. (⇒ 5)

- Make sure that the wireless network is connected to the Internet.

- 1 Press and hold [VOL -] and then also [- WPS] on the main unit for more than 2 seconds.

DO NOT DISCONNECT the AC adaptor while this unit is updating.

- During the update process, no other operations can be performed.
- If the update is unsuccessful, the operation indicator will blink and light in a specific sequence. (⇒ below)

↳ After the update has finished, the operation indicator (⇒ 4) lights.

- 2 Disconnect the AC adaptor and reconnect it after 3 minutes.

- **Downloading will require several minutes. It may take longer or may not work properly depending on the connection environment.**



- If the update is unsuccessful, the operation indicator will blink and light in a specific sequence.

No. of blinks	Problem and solution
3	The software download has failed. Please try again later.
	The server cannot be found. Make sure that the wireless network is connected to the Internet.
2	This unit cannot connect to the network. Check the network connection.
1	The update has failed. Turn this unit off and remove the AC adaptor. Reconnect the AC adaptor and try again.

Troubleshooting

Before requesting service, make the following checks. If you are in doubt about some of the check points, or if the solutions indicated in the following guide do not solve the problem, refer to "Customer Services Directory (United States and Puerto Rico)" on page 18 if you reside in the U.S.A. or Puerto Rico, or refer to "Limited Warranty (ONLY FOR CANADA)" on page 19 if you reside in Canada.

To return all settings to the factory preset

When the following situations occur, reset the memory:

- There is no response when buttons are pressed.
 - You want to clear and reset the memory contents.
- ① Disconnect the AC adaptor. (Wait for at least 3 minutes before proceeding to step ②.)
 - ② While pressing and holding down [⏻/⏪] on the main unit, reconnect the AC adaptor.
 - The operation indicator (⇒ 4) blinks 4 times.
 - ③ Release [⏻/⏪].



All the settings are returned to the factory preset. You will need to reset the memory items.

Do you have the latest software installed?

- Occasionally, Panasonic may release updated software for this unit that may add or improve the way a feature operates. (⇒ 11)

Common problems

Humming heard during play.

- An AC power supply cord or fluorescent light is near the cords. Keep other appliances and cords away from this unit's cables.

AirPlay operations

Cannot connect to the network

- Confirm the network connection and settings. (⇒ 5)
- Your wireless network might be set to be invisible. In this case select "Manual settings" in "Method 2". (⇒ 6)
- This unit cannot join a wireless network using WEP security settings with the WPS methods ("Method 1"). Use "Method 2" to join the wireless network. (⇒ 6)
- Make sure that the multicast function on the wireless network router is set to on (enabled).

Cannot connect to the unit

- Make sure that this unit is on the same wireless network as the device you are trying to use. (⇒ 5)
- Set "NET STANDBY" to "OFF" (⇒ 10), turn off the Wi-Fi® setting on the AirPlay compatible device, and then turn this unit off and on. Reconnect the compatible device to the Wi-Fi® network and then select this unit as the AirPlay speakers again.

My wireless network router is WPS PBC compatible, but the pairing does not work.

- If the network is set to be invisible, the push button configuration does not work. In this case, either make the wireless network visible while you set up the network for this unit or use "Method 2". (⇒ 6)

Playback does not start

The sound is interrupted

- Simultaneous use with a microwave, cordless telephone and other 2.4 GHz devices may result in connection interruptions. Increase the distance between this unit and these devices.
- Do not place this unit inside a metal cabinet, for it might block the Wi-Fi® signal.
- Place this unit closer to the wireless network router.
- If several wireless devices are simultaneously using the same wireless network as this unit, try turning off the other devices or reducing their wireless network usage.
- With some iOS and iTunes versions, it may not be possible to restart the AirPlay playback if the unit is turned off during the AirPlay playback. In this case, select a different device from the AirPlay icon of the Music App or iTunes and then re-select this unit as the output speakers. (⇒ 8)

Specifications

■ GENERAL

General	
Main set rating	DC 12 V, 20 W
System	
Power consumption*1	Approx. 22 W
Power consumption in standby mode (When "NET STANDBY" is "OFF")	Approx. 0.15 W
Power consumption in standby mode (When "NET STANDBY" is "ON")	Approx. 3.7 W

AC Adaptor	
Input	AC 100 V to 240 V, 50/60 Hz
Output	DC 12 V, 3 A

Dimensions (W×H×D)	430 mm×128 mm×59 mm (16 15/16"×5 1/32"×2 5/16")
Mass (Weight)	Approx. 1 kg (2.2 lbs)
Operating temperature range	0 °C to +40 °C (+32 °F to +104 °F)
Operating humidity range	20 % to 80 % RH (no condensation)

■ AMPLIFIER SECTION

Output power:	
RMS Output Power Stereo mode	
Front Ch (both ch driven)	5 W per channel (6 Ω), 1 kHz, 10 % THD
Total RMS Stereo mode power	10 W
FTC Output Power Stereo mode	
Front Ch (both ch driven)	3.5 W per channel (6 Ω), 60 Hz to 20 kHz, 1 % THD
Total FTC Stereo mode power	7 W

■ SPEAKER SYSTEM SECTION

Type	1 way, 1 speaker system (Bass Reflex)
Speaker unit(s)	
Full range	4 cm (1 9/16") Cone type×2
Impedance	6 Ω

■ Wi-Fi / AirPlay SECTION

Wi-Fi	
WLAN Standards	IEEE802.11b/g
Frequency range	2.4 GHz band
Security	WEP, WPA™, WPA2™
WPS version	Version 2.0 (WEP not support)

■ TERMINAL SECTION

USB Port	
USB port power	DC OUT 5 V 2.1 A Max (charging only)



*1: With USB port charging.

- Specifications are subject to change without notice. Mass and dimensions are approximate.
- Total harmonic distortion is measured by a digital spectrum analyzer.

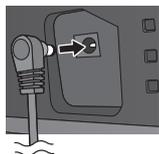
Spanish Quick Reference / Referencia rápida en español

Conexiones

Connect the AC adaptor to the household AC outlet.



Esta unidad consume poca corriente CA (⇒ 13) incluso cuando se encuentra apagada.



- When leaving the product unused for a long time, turn off the unit and pull the AC adapter out of the household AC outlet for power saving.

Ajustes de red

Para utilizar la función AirPlay, esta unidad debe conectarse a la misma red inalámbrica que el dispositivo compatible.

Preparación

Con esta unidad, existen dos métodos para configurar la conexión. Determine el tipo de router inalámbrico que está utilizando y siga el método que se ajuste a su dispositivo.

- Consulte las instrucciones de funcionamiento del router inalámbrico para obtener más detalles.

Si desconoce el tipo de router inalámbrico que está utilizando, utilice "Method 2".

- Encienda la unidad.

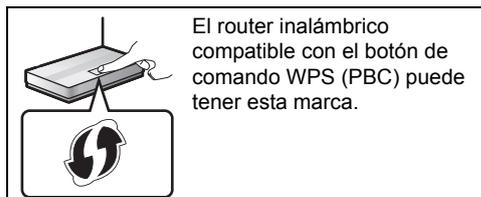


- Al realizar los ajustes de red, ubique la unidad cerca del router inalámbrico.
- El uso simultáneo de un microondas o de un teléfono inalámbrico u otros dispositivos de 2,4 GHz puede causar interrupciones en la conexión.
- Inmediatamente después de encender esta unidad, el ajuste de la red puede tardar más en arrancar.
- Esta unidad no se puede conectar a una red inalámbrica al utilizar ajustes de seguridad WEP con "Método 1". Utilizar "Método 2" para conectarse a la red inalámbrica.
- Para cancelar este ajuste a la mitad, pulse [O/I] para apagar la unidad.
- Para obtener información actualizada sobre compatibilidad de su router inalámbrico, consulte <http://panasonic.jp/support/global/cs/> (Este sitio está solamente en inglés).

Método 1

Si su router inalámbrico admite WPS*1.

■ Uso de la configuración del botón de comando WPS (PBC)



1 Pulse y mantenga pulsado [- WPS] de la unidad.

↳ The Wi-Fi® status indicator blinks blue. Continue to step 2.

- Complete el paso 2 en 2 minutos.



2 Presione el botón WPS del router inalámbrico.

↳ When a link is established Wi-Fi® status indicator blinks quickly.

↳ When the configuration is finished, Wi-Fi® status indicator lights blue.



- Para editar el nombre del sistema, es necesario utilizar "Método 2".
- The Wi-Fi® status indicator blinks red if the connection was not made within the set time limit. Try the setting again. If the Wi-Fi® status indicator still blinks red, try "Method 2".

*1: WPS significa "Wi-Fi Protected Setup".

Método 2

Si su router inalámbrico no admite WPS*1.

Con este método, podrá acceder a los ajustes de red inalámbrica de esta unidad desde el navegador Web de su dispositivo compatible.

- Las imágenes y explicaciones corresponden a un iPhone. Sin embargo, la palabra "iPhone" se puede reemplazar con su dispositivo compatible.

Preparación

- Verifique el **nombre de la red inalámbrica doméstica** (Network name (SSID)) y **contraseña** para esta red. A menudo, se puede encontrar en el router inalámbrico mismo.
- Encienda su iPhone.

- 1 Press and hold [VOL +] and [- WPS] on this unit for more than 2 seconds.

↳ The Wi-Fi® status indicator blinks purple.



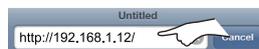
- 2 Conecte su iPhone a la red inalámbrica de esta unidad llamada

"Setup _ _ _ _ _" *2, 3.

- Una vez seleccionado "Setup _ _ _ _ _", el iPhone se conectará a esta unidad.

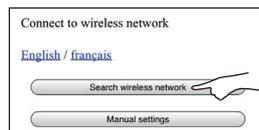


- 3 Inicie Safari en su iPhone e ingrese "http://192.168.1.12/" en el campo de dirección URL y visualice la página.

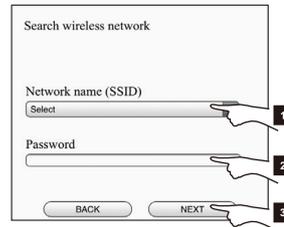


↳ Se visualizará esta ventana de configuración de la unidad.

- 4 Seleccione "Search wireless network".



- 5 Seleccione e ingrese los detalles.



- 1 Seleccione su **nombre de red inalámbrica doméstica**. *4
- 2 Ingrese la **contraseña**.
- 3 Seleccione "NEXT".

- 6 Realice "Ajustes adicionales". (⇒ 16)
De no aplicarse, continúe con el siguiente paso.

- 7 Seleccione "JOIN" para aplicar los ajustes.

- ↳ En la pantalla emergente, seleccione "OK" para continuar.
 - Seleccione "CANCEL" para regresar a la ventana de configuración.
- ↳ The Wi-Fi® status indicator blinks blue.
 - Ahora puede cerrar el navegador Safari.
- ↳ When the configuration is finished, the Wi-Fi® status indicator lights blue.

If the Wi-Fi® status indicator blinks red, turn the unit off and on again, check the wireless network password and other settings and start again from step 1.

- 8 Vuelva a conectar su iPhone a su red inalámbrica doméstica.

(Continúa en la siguiente página)

- *1: WPS significa "Wi-Fi Protected Setup".
- *2: "_ " representa un dígito que es único para cada set.
- *3: Asegúrese de que DHCP esté activado para el ajuste de red en el iPhone.
- *4: Si configuró su red inalámbrica como invisible, seleccione "BACK" y consulte "Ajustes alternativos". (⇒ 16)

Ajustes alternativos
<p>En lugar de los pasos 4 y 5: Seleccione "Manual settings".</p> <ol style="list-style-type: none"> 1 Ingrese su nombre de red inalámbrica doméstica dentro del campo "Network name (SSID)". 2 Seleccione el método de cifrado desde la lista desplegable "Security system". 3 Ingrese la contraseña dentro del campo "Password" y luego seleccione "NEXT".
Ajustes adicionales
<p>In step 6: Si su red inalámbrica doméstica ha sido configurada para utilizar específicamente Direcciones IP, Máscara de Subred, Acceso por defecto, DNS Primario, etc. Seleccione "Advanced network settings".</p> <p>↳ Introduzca las direcciones requeridas dentro de cada campo y seleccione "OK".</p> <ul style="list-style-type: none"> • Para volver a los ajustes a DHCP, seleccione "ON" de la lista desplegable "DHCP". <p>Si desea cambiar el nombre de esta unidad que se visualiza como altavoces AirPlay. Seleccione "Edit STEREO SYSTEM name".</p> <p>↳ Solo se pueden usar caracteres ASCII.</p> <p>↳ Ingrese un nuevo nombre dentro del campo "STEREO SYSTEM name" y seleccione "OK".</p>



- Habilite Java y Cookies en los ajustes del navegador.
- Para cancelar este ajuste a la mitad, pulse [⏏] para apagar la unidad.

Uso de AirPlay con los altavoces de esta unidad

Cuando esta unidad se encuentre en la misma red que el dispositivo compatible, puede seleccionar dicha unidad como los altavoces.

Preparación

- Conecte esta unidad a la misma red que el dispositivo compatible. (⇒ 14)
- Encienda el dispositivo compatible.

1 Inicie iTunes de su Mac/PC o Music App de su dispositivo iOS.

- Si se utiliza el Music App de su dispositivo iOS, seleccione el archivo que quiere reproducir.

2 Seleccione esta unidad desde el ícono AirPlay  en la esquina inferior derecha del visualizador.

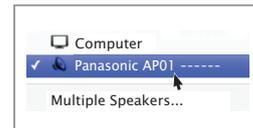
- ↳ Verifique los ajustes de volumen antes de comenzar la reproducción. (Cuando se use AirPlay por primera vez, el volumen debe reproducirse al máximo).

- Si no ha cambiado el nombre, esta unidad se visualizará como "Panasonic AP01 _ _ _ _ _" *1.

Ej., iPhone iOS 5.0



Ej., iTunes 10.5
(Esquina inferior derecha)



3 Inicie la reproducción.

*1: " _ " representa un dígito que es único para cada set.

THE FOLLOWING APPLIES ONLY IN THE U.S.A.

FCC Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:
Panasonic Corporation of North America
One Panasonic Way
Secaucus, NJ 07094

Support Contact:
Panasonic Consumer Marketing Company of North America
Telephone No.: 1-800-211-PANA (7262)

THE FOLLOWING APPLIES IN THE U.S.A. AND CANADA

This device complies with Part 15 of FCC Rules, RSS-Gen and RSS-210 of IC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of this device.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

Limited Warranty (ONLY FOR U.S.A. AND PUERTO RICO)

Panasonic Consumer Marketing Company of North America,
Division of Panasonic Corporation of North America
One Panasonic Way, Secaucus, New Jersey 07094

Panasonic Home Audio Products Limited Warranty

Limited Warranty Coverage (For USA and Puerto Rico Only)

If your product does not work properly because of a defect in materials or workmanship, Panasonic Consumer Marketing Company of North America (referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("warranty period"), at its option either (a) repair your product with new or refurbished parts, (b) replace it with a new or a refurbished equivalent value product, or (c) refund your purchase price. The decision to repair, replace or refund will be made by the warrantor.

Product or Part Name	Parts	Labor
Audio Products (except items below)	1 year	1 year
DVD Home Theater System	1 year	1 year
Home Theater Audio System	1 year	1 year
SD Memory Cards, Rechargeable Battery Packs (defective exchange)	90 days	Not Applicable

During the "Labor" warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. This Limited Warranty excludes both parts and labor for non-rechargeable batteries, antennas, and cosmetic parts (cabinet). This warranty only applies to products purchased and serviced in the United States or Puerto Rico. This warranty is extended only to the original purchaser of a new product which was not sold "as is".

Carry-In or Mail-In Service

To find a service center please visit <http://www.panasonic.com/help> or call 1-800-211-PANA (7262).

When shipping the unit, carefully pack, include all supplied accessories listed in the Owner's Manual, and send it prepaid, adequately insured and packed well in a carton box. When shipping Lithium Ion batteries please visit our Web Site at www.panasonic.com/BatteryHandling as Panasonic is committed to providing the most up to date information. Include a letter detailing the complaint, a return address and provide a daytime phone number where you can be reached. A valid registered receipt is required under the Limited Warranty.

IF REPAIR IS NEEDED DURING THE WARRANTY PERIOD, THE PURCHASER WILL BE REQUIRED TO FURNISH A SALES RECEIPT/ PROOF OF PURCHASE INDICATING DATE OF PURCHASE, AMOUNT PAID AND PLACE OF PURCHASE. CUSTOMER WILL BE CHARGED FOR THE REPAIR OF ANY UNIT RECEIVED WITHOUT SUCH PROOF OF PURCHASE.

Limited Warranty Limits And Exclusions

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction

The model number and serial number of this product can be found on either the back or the bottom of the unit. Please note them in the space provided below and keep for future reference.

MODEL NUMBER SC-AP01
SERIAL NUMBER _____

of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a Factory Service Center or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE".

THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, travel to and from the servicer, loss of or damage to media or images, data or other memory or recorded content. The items listed are not exclusive, but for illustration only.) **ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Service Center. If the problem is not handled to your satisfaction, then write to the warrantor's Consumer Affairs Department at the addresses listed for the warrantor.

PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.

Customer Services Directory (United States and Puerto Rico)

Obtain Product Information and Operating Assistance; locate your nearest Dealer or Service Center; purchase Parts and Accessories; or make Customer Service and Literature requests by visiting our Web Site at: <http://www.panasonic.com/help> or, contact us via the web at: <http://www.panasonic.com/contactinfo>
You may also contact us directly at:
1-800-211-PANA (7262)
Monday-Friday 9am-9pm,
Saturday-Sunday 10am-7pm EST

For hearing or speech impaired TTY users, TTY: 1-877-833-8855

Accessory Purchases (United States and Puerto Rico)

Purchase Parts, Accessories and Instruction Books online for all Panasonic Products by visiting our Web Site at: <http://www.pstc.panasonic.com>
Or, send your request by E-mail to: npparts@us.panasonic.com
You may also contact us directly at:
1-800-332-5368 (Phone) 1-800-237-9080 (Fax Only)
(Monday-Friday 9am-9pm EST)
Panasonic National Parts Center
20421 84th Ave. S., Kent, WA 98032
(We accept Visa, MasterCard, Discover Card, American Express)

For hearing or speech impaired TTY users, TTY: 1-866-605-1277

As of January 2012

User memo:

DATE OF PURCHASE _____
DEALER NAME _____
DEALER ADDRESS _____
TELEPHONE NUMBER _____

Limited Warranty (ONLY FOR CANADA)

Panasonic Canada Inc.
5770 Ambler Drive, Mississauga, Ontario L4W 2T3

PANASONIC PRODUCT - LIMITED WARRANTY EXCHANGE PROGRAM

Panasonic Canada Inc. warrants this product to be free from defects in material and workmanship under normal use and for a period as stated below from the date of original purchase agrees to, at its option either (a) repair your product with new or refurbished parts, (b) replace it with a new or a refurbished equivalent value product, or (c) refund your purchase price. The decision to repair, replace or refund will be made by Panasonic Canada Inc.

Panasonic Portable / Clock Radio (without Tape, CD, MD)	One (1) year
Panasonic Audio Product	One (1) year
Panasonic DVD Product	One (1) year
Accessories including rechargeable batteries	Ninety (90) days

This warranty is given only to the original purchaser, or the person for whom it was purchased as a gift, of a Panasonic brand product mentioned above sold by an authorized Panasonic dealer in Canada and purchased and used in Canada, which product was not sold "as is", and which product was delivered to you in new condition in the original packaging.

IN ORDER TO BE ELIGIBLE TO RECEIVE WARRANTY SERVICE HEREUNDER, A PURCHASE RECEIPT OR OTHER PROOF OF DATE OF ORIGINAL PURCHASE, SHOWING AMOUNT PAID AND PLACE OF PURCHASE IS REQUIRED

LIMITATIONS AND EXCLUSIONS

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by Panasonic Canada Inc., or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than an Authorized Servicer, or damage that is attributable to acts of God.

Dry cell batteries are also excluded from coverage under this warranty.

THIS EXPRESS, LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL PANASONIC CANADA INC. BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY. (As examples, this warranty excludes damages for lost time, travel to and from the Authorized Servicer, loss of or damage to media or images, data or other memory or recorded content. This list of items is not exhaustive, but for illustration only.)

In certain instances, some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or the exclusion of implied warranties, so the above limitations and exclusions may not be applicable. This warranty gives you specific legal rights and you may have other rights which vary depending on your province or territory.

CONTACT INFORMATION

For product information and operation assistance, please contact:

Our Customer Care Centre: Telephone #: 1-800-561-5505
Fax #: (905) 238-2360
Email link: "Support → contact us → email" on www.panasonic.ca

For defective product exchange within the warranty period, please contact the original dealer or our Customer Care Centre.

-If you see this symbol-

**Information on Disposal in other Countries
outside the European Union**



This symbol is only valid in the
European Union.
If you wish to discard this product,
please contact your local
authorities or dealer and ask for
the correct method of disposal.



As an ENERGY STAR® Partner,* Panasonic has
determined that this product meets the ENERGY
STAR® guidelines for energy efficiency.

*For Canada only: The word "Participant" is used
in place of the word "Partner".

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