

Soundbar



Owner's Manual

ES Manual del Propietario
INSTRUCCIONES SIMPLIFICADAS INCLUIDOS EN ESPAÑOL.

FWSB415E A



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PRECAUTIONS

Included accessories



- Setup Manual



- Line-in cable



(NC306UH) (AAA x 2)



- Remote control
- Batteries (AAA, 1.5V x 2)

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Registering your model with SANYO makes you eligible for all of the valuable benefits such as software upgrades and important product notifications. Register online at www.sanyo-av.com/support/

The model and serial numbers of this unit may be found on the cabinet.
You should record and retain those letters / numbers for future reference.

Model No.: _____
Serial No.: _____

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.
APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION:

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The important note and rating are located on the rear or bottom of the cabinet.



The symbol for CLASS II (Double Insulation)

IMPORTANT SAFETY INSTRUCTIONS

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



FCC WARNING

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

RADIO-TV INTERFERENCE

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:

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

Disconnect the mains (AC) plug to shut the unit off when trouble is found or when not in use. The mains (AC) plug shall remain readily available. To completely turn off the unit, you must unplug the mains (AC) power cord.

CAN ICES-3 (B)/NMB-3 (B)

- This device complies with Industry Canada's applicable licence-exempt RSSs. 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 the device.
- This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that is deemed to comply without maximum permissive exposure evaluation (MPE).

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

WARNING: Batteries (Battery pack or battery installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

Do not place the unit on the furniture that is capable of being tilted by a child and an adult leaning, pulling, standing or climbing on it. A falling unit can cause serious injury or even death.

In order to avoid interruption of ventilation, this unit should not be placed in built-in equipment such as a book cabinet, rack, etc., and the vents of this unit should not be covered with anything such as a tablecloth, curtain, newspaper, etc. Make sure to leave a space of 4 inches (10 cm) or more around this apparatus.

Never use a gas duster on this unit. The gas trapped inside of this unit may cause ignition and explosion.

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

When installing this unit in a temperate environment, avoid a place with rapid temperature changes.

This unit should not be used in a tropical environment as it has not been evaluated under such conditions.

No objects should be placed directly on or under this unit, especially lighted candles or other flaming objects.

Disposal of used batteries

The batteries included do not contain the heavy metals mercury and cadmium, however in certain localities, disposing batteries with household waste is not permitted. Please ensure you dispose of batteries according to local regulations.

Mounting soundbar on a wall

- The recommended screw (sold separately) allows the mounting of the soundbar on the wall.
- Funai is not liable for any accident, damage or injury due to any improper installation, lack of strength of installation or improper use.
- Drill screw holes into the wall. Depending on the wall material, use molly anchor inserts to make sure the screws will not fall out. Although the soundbar weighs approximately 4.4 lb/2 kg, it is recommended that the wall be able to support 13.2 lb/6 kg (three times the weight of the soundbar) for extra safety. Recommended measurements are as follows: wall thickness of 2 1/5 cm or more, screw diameter of 5/32"/4 mm and, screw length of 1-3/16"/30 mm or more.
- Screw and molly anchor are sold separately and are not included.

Funai is not liable for these types kinds of accidents or injury noted below.

- Install two screws on a sturdy vertical wall.
- If installed onto a ceiling or slanted wall, the soundbar and screws may fall which could result in a severe injury.
- Do not use screws that are longer or shorter than their specified length. If screws too long or short are used this may cause the soundbar to fall.
- Do not fasten screw's and molly anchor's with excessive force, this may damage the wall causing the soundbar to fall, leading to an injury.
- Do not mount the soundbar onto screws while the soundbar is plugged in or turned on. It may result in an electrical shock injury.

When installing the soundbar on a wall, allow this much space.

Top: 4"/10 cm

Left and right sides: 4"/10 cm

Bottom: 4"/10 cm

Space between mounting screw and wall: 9/64" - 5/32"/3.5 - 4 mm

To Avoid the hazards of electrical shock and fire

- Do not handle the AC power cord with wet hands.
- Do not pull on the AC power cord when disconnecting it from an AC outlet. Grasp it by the plug.
- Do not put your fingers or objects into the unit.

Location and handling

- Do not install the unit in direct sunlight, near strong magnetic fields, or in a place subject to dust or strong vibration.
- Avoid a place with drastic temperature changes.
- Install the unit in a horizontal and stable position. Do not place anything directly on top or bottom of the unit. Depending on your external devices, noise or disturbance of the picture and/or sound may be generated if the unit is placed too close to them. In this case, please ensure enough space between the external devices and the unit.
- Depending on the environment, the temperature of this unit may increase slightly. This is not a malfunction.
- Be sure to Unplug the AC power cord from the AC outlet before removing the unit.

Dew condensation warning

- Dew condensation may form inside the unit in the following conditions. If so, do not use this unit at least for a few hours until its inside gets dry.
 - The unit is moved from a cold place to a warm place.
 - Under conditions of high humidity.
 - After heating a cold room.

Note about recycling

- This unit's packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with your local recycling regulations.
- Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulations concerning chemical wastes.
- For product recycling information, please visit - www.sanyo-av.com

Click on



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MAINTENANCE

Servicing

- Please refer to relevant topics on the “Troubleshooting guide” on page 20. If you cannot find any solution there, our service center is pleased to assist you.
- Even if this unit becomes inoperative, do not open the cabinet to repair it by yourself. There are no user-serviceable parts inside.
Turn off the unit, unplug the AC power cord and then call our support center mentioned on the front page.
Before calling, please check model and serial number on the unit.

Cleaning the cabinet

- Wipe the front panel and other exterior surfaces of the unit with a soft cloth.
- Never use a solvent, thinner, benzene or alcohol to clean the unit. Do not spray insecticide liquid near the unit.
Such chemicals may discolor the surface or damage the unit.

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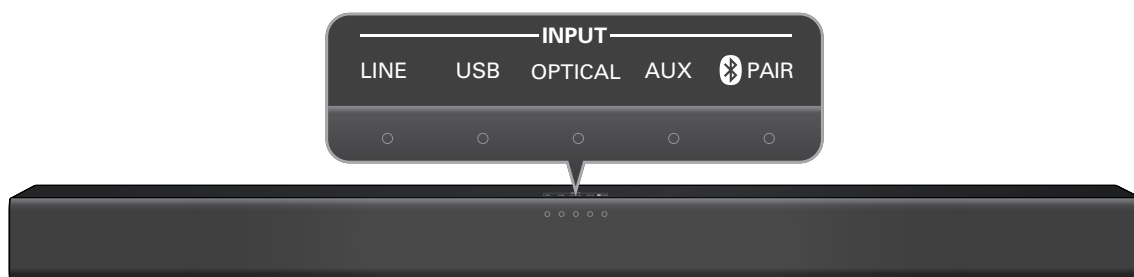
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ABOUT SOUNDBAR

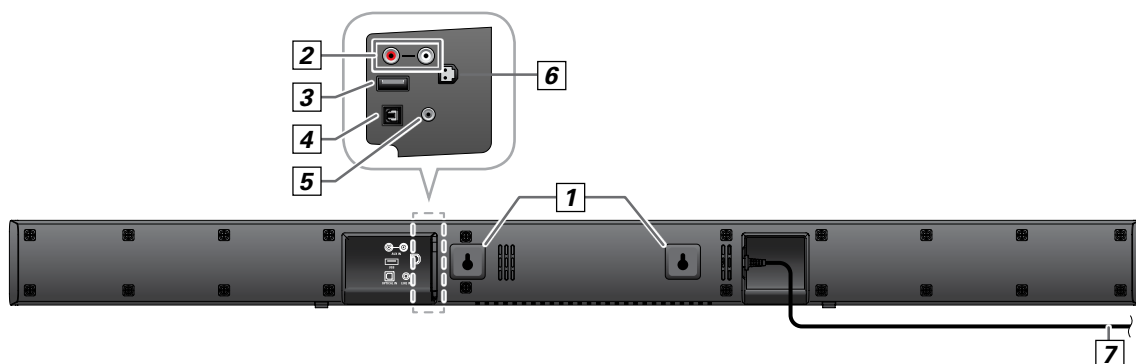
Soundbar

Top / front panels of soundbar



INPUT source	LED color	Description
LINE INPUT	orange	Lights up when you switch to line-in source (3.5 mm jack).
USB INPUT	orange	Lights up when you switch to USB input source. Blinks when pausing of playback or recognition error. See page 17 for detail.
OPTICAL INPUT	orange	Lights up when you switch to optical input source. Blinks when unsupported optical signals are input.
AUXiliary INPUT	orange	Lights up when you switch to analog input source.
PAIR(ing) INPUT (Bluetooth)	blue	Lights up when you switch to Bluetooth mode and Bluetooth compatible devices are paired. Blinks when Bluetooth pairing is activated and pairing failed.

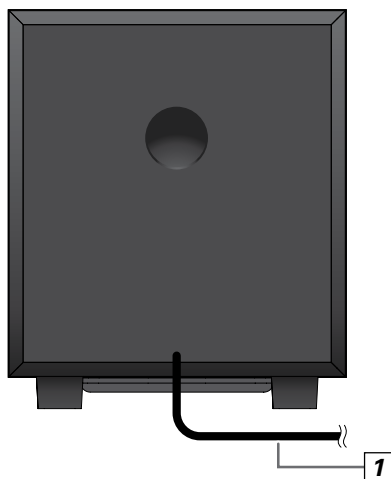
Back connectors on soundbar



Connectors	Description
1 Wall mount hooks	Install on a wall if desired.
2 AUXiliary IN(put)	Connect to an analog audio output on the TV or an analog device.
3 USB IN(put)	Insert a USB memory stick.
4 OPTICAL IN(put)	Connect to an optical digital audio output on the TV or a digital device.
5 LINE IN(put)	Connect to a TV or an MP3 player.
6 Subwoofer terminal	Connect a connection cable from subwoofer.
7 AC power cord	Connect to an electric outlet.

Subwoofer

Rear of subwoofer



Connectors	Description
1 Connection cable	Connect to a soundbar.

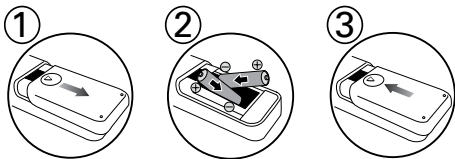
NOTE(S)

- The feet of the subwoofer cannot be removed. Do not apply force to them.
- Do not touch the speaker part of the subwoofer or put metallic/magnetic objects close to it. Doing so may cause a malfunction.

Remote control

Installing the batteries for the remote control

Install 2 AAA (1.5V) batteries matching the polarity indicated inside battery compartment of the remote control.

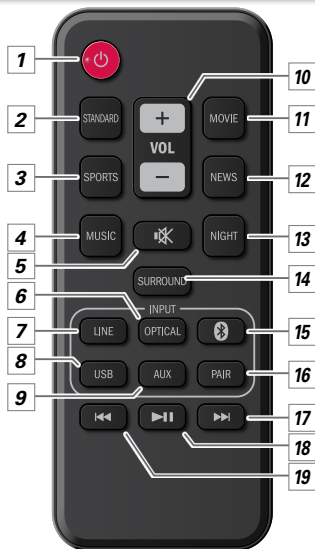


- The maximum operable ranges from the unit are as follows.
 - Line of sight: approx. 23 feet (7 m)
 - Either side of the center: approx. 16 feet (5 m) within 30°
 - Above: approx. 16 feet (5 m) within 15°
 - Below: approx. 10 feet (3 m) within 30°

NOTE(S)

- Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, Li-ion, etc) batteries.
- Do not mix old and new batteries.
- Always remove batteries from the remote control if they are dead or if the remote control is not to be used for an extended period of time. This will prevent battery acid from leaking into the battery compartment.

Operating with the remote control



Buttons	Description
1	(POWER/Standby) Press to turn on the unit, or to switch the unit into standby mode. (To completely turn off the unit, you must unplug the AC power cord.)
2	Press to switch to the standard preset sound.
3	Press to switch to the preset sound for sports scene.
4	Press to switch to the preset sound for Music.
5	Press to mute the sound and press again to unmute the sound.
6	Press to select optical input of the connected device to this soundbar.
7	Press to select line input of a connected device to this soundbar.
8	Press to select USB input of a connected device to this soundbar.

Buttons	Description
9	Press to select Auxiliary input of a connected device to this soundbar.
10	Press to adjust volume up / down on the soundbar.
11	Press to switch to the preset sound for a movie.
12	Press to switch to the preset sound for news scene.
13	Press to turn night mode on/off.
14	Press to turn surround on/off.
15	Press to select Bluetooth signal of a connected device to this soundbar. Press to disconnect the currently connected Bluetooth compatible device and start pairing mode to establish a new connection to another Bluetooth compatible device.
16	If no Bluetooth compatible device is connected within 2 minutes, press this button to restart pairing mode. Pairing mode can only be started when Bluetooth is selected.
17	Press to skip forwards in a music file. (Bluetooth mode and USB mode only)
18	Press to play or pause a music file. (Bluetooth mode and USB mode only)
19	Press to skip backwards in a music file. (Bluetooth mode and USB mode only)

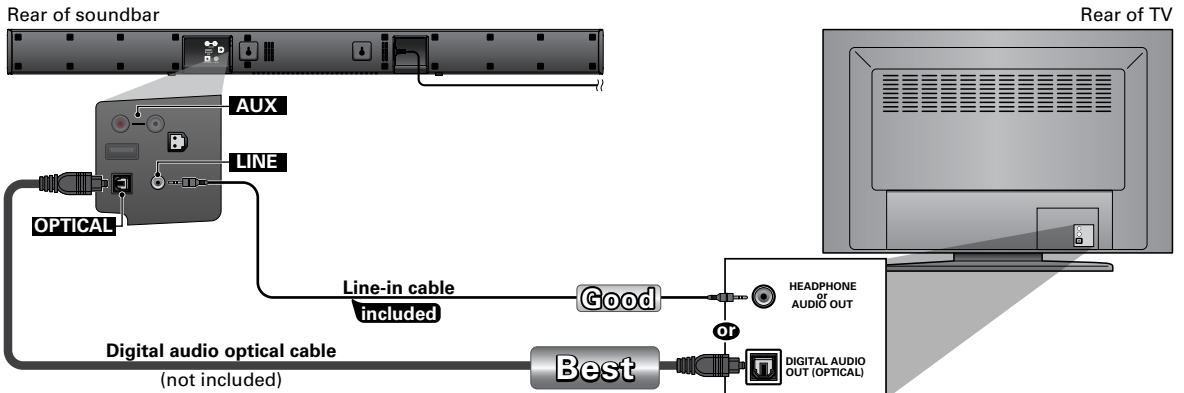
CONNECTIONS

Included cable used in this connection are as follows:

- Line-in cable x 1

1 Connect to a device

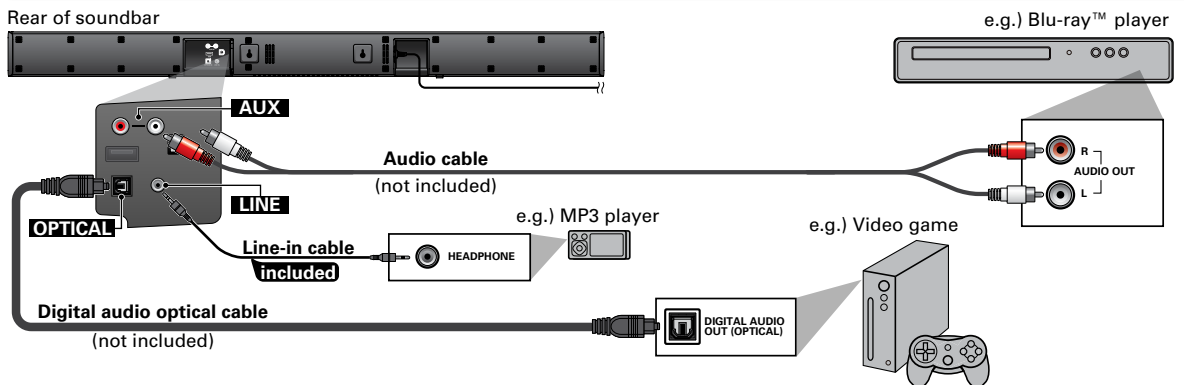
Connect to TV



Most modern digital TVs do not have red and white coaxial analog audio outputs, but do have red and white coaxial analog audio inputs. If you plan to use red and white analog coaxial cables to connect your TV to this soundbar, please ensure that your TV does indeed have red and white coaxial analog audio out. Refer to your TV's user manual for details. To connect soundbar directly to other devices (Blu-ray™ player, game system, etc.), see your device's user manual.

Use a coaxial (RCA) to optical Toslink digital audio converter (not included) for our soundbar which only has an optical input.

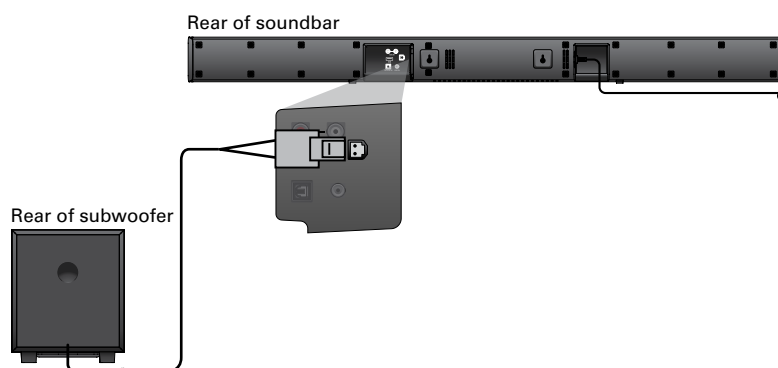
Connect audio from other device



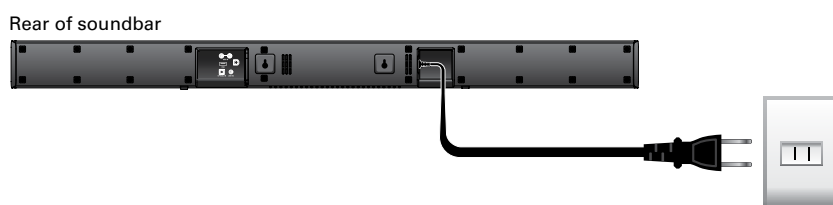
NOTE(S)

- Make sure the soundbar is turned off when connecting cables.
- Check whether all connection cables are properly connected.
- If you connect from the headphone output on the device's source to the line-input on the soundbar, make sure the volume from the headphone output on the device's source is set to an appropriate mid-level sound. Setting it too low will produce weak output from the soundbar or setting it too high could cause distortion.
- If a line / optical / AUX connection fails when connected to a TV, check the audio settings on the devices.

2 Connect connection cable from subwoofer to the soundbar.



3 Connect AC power cords from soundbar to an electric outlet.




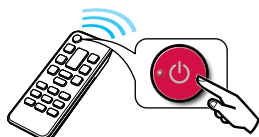
NOTE(S)

- Carefully wire the subwoofer cable where you will not trip over it.
- Do not pull the subwoofer cable hard, or apply excessive force to it. Doing so may cause damage to the cable.

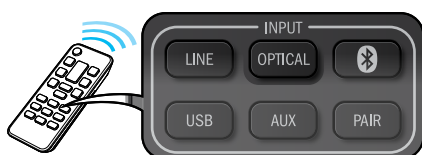
USING YOUR SOUNDBAR

Turning on the soundbar

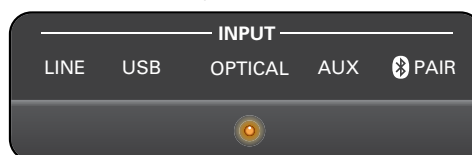
- 1 Press  on the remote control.



- 2 Select input source.



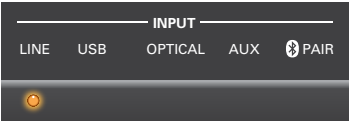
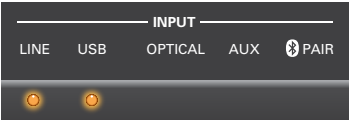
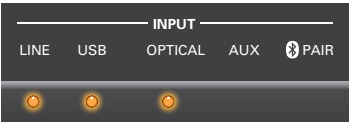
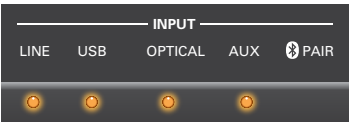
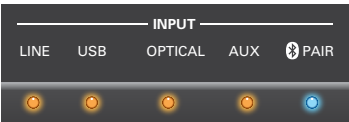
e.g.) When **OPTICAL** was pressed the OPTICAL INPUT (orange LED) was selected.



- One of the INPUT indicators will light up when you switch to your connected source.
- For Bluetooth connections, refer to “Playing back a music file through Bluetooth” on page 15.

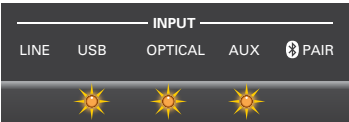
Adjust the volume

1 To increase or decrease the volume, press **VOL +/-** on the remote control.

Volume levels	LED lighting patterns	LED behavior
0 - 5 (6 levels)		Lights up for 3 seconds (default: level 13)
6 - 11 (6 levels)		
12 - 17 (6 levels)		
18 - 23 (6 levels)		
24 - 29 (6 levels)		

- When pressing **VOL+/-**, the indicator(s) will show the current volume. Pressing **VOL+/-** while the current volume is shown will increase/decrease the volume.
- Pressing and holding **VOL+** or **VOL-** will increase or decrease the volume and the Indicator(s) will blink. When the volume has reached the maximum or minimum, the indicator(s) will stop blinking.

2 To mute the sound, press  on the remote control.

Volume levels	LED lighting patterns	LED behavior
Mute		The 3 LEDs in the middle blink continuously.

- To restore the sound, press  again or press **VOL +/-**.

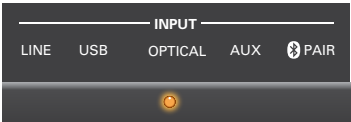
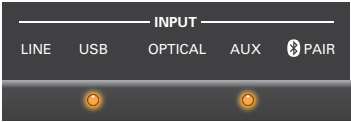
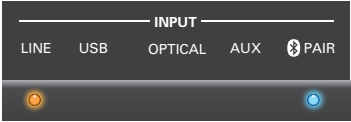
NOTE(S)

- The volume might be influenced by MP3 or Bluetooth player. If the volume is too low, adjust the volume on the connected device.
- If the volume level is set above 18 when the soundbar is turned off, the volume will automatically be reset to 18 when the soundbar is turned back on.

Experiencing the surround sound

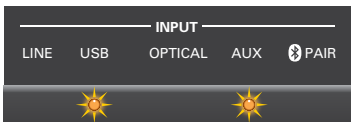
1 Press **SURROUND** on the remote control to activate the surround sound.

- The LEDs blink in a spread manner, from the center (OPTICAL) to both sides.

Surround status	LED lighting patterns	Sound effects
ON		Outputs high realistic sounds.
		
		

2 If you want to set surround sound to off, press **SURROUND** on the remote control once again.


- The 2 LEDs (USB and AUX) blink twice.

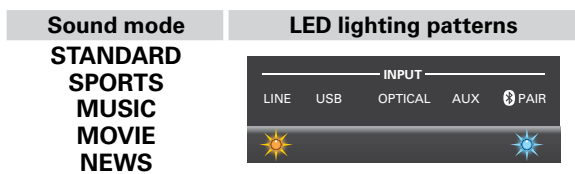
Surround status	LED lighting patterns	Sound effects
OFF		Outputs the original sound.

NOTE(S)

- The default setting is off.
- This setting will remain while the soundbar is in standby mode.

Choosing preset sound

- 1 Press either **STANDARD**, **SPORTS**, **MUSIC**, **MOVIE** or **NEWS** on the remote control to select the desired preset sound suitable for the audio that is playing.
- 2 The 2 LEDs (LINE and  PAIR) blink once.



- 3 When the preset sound setting is set, LED indicators go back to the current input.

NOTE(S)

- Select any preset sound according to your preference, regardless of categories.
- The default preset sound is MOVIE.
- This setting will remain while the soundbar is in standby mode.

Night mode

Night mode 1

Turns down the volume on the subwoofer. It is useful late at night.

- 1 To switch the unit to night mode 1, press **NIGHT**.

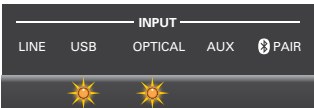
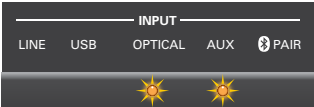
Night mode 2* (dynamic range control)

Adjusts for clarity even when the volume is low, by compressing the range of the lowest sound level and the highest sound level.

- 1 To switch the unit to night mode 2, press and hold **NIGHT**.

* This function is only effective for Dolby Digital sounds.

* This function is only available when the soundbar is connected via optical.

Mode	LED lighting patterns	LED behavior	Sound effects
Night mode 1		On: Flashes 4 times Off: Flashes twice	On: Lowers the volume of the subwoofer. Off: Outputs the sound at the same volume as the original.
Night mode 2		On: Flashes 4 times Off: Flashes twice	On: Turns down loud sounds and turns up soft sounds in order to keep voices at a comfortable volume. Off: Outputs the sound at the same volume as the original.

Input source	Night mode 1	Night mode 2
OPTICAL		
Dolby Digital	✓	✓
PCM	✓	—
LINE	✓	—
AUX	✓	—
USB	✓	—
BLUETOOTH	✓	—



NOTE(S)

- The default setting of both night modes are off.
- These settings will remain while the soundbar is in standby mode, so again use **NIGHT** to turn the mode from current mode to the next mode.



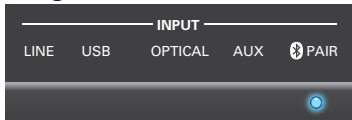
MAKING MORE USE WITH YOUR SOUNDBAR





Using a Bluetooth compatible device

Pairing a Bluetooth compatible device with this unit










- 1 Press  **BLUETOOTH** on the remote control to switch the soundbar to Bluetooth mode.
- 2 Turn your Bluetooth compatible device on and activate the Bluetooth setting.
(See the user manual of the Bluetooth compatible device on how to enable Bluetooth.)
- 3 On your Bluetooth compatible device search for and select “SANYO_Soundbar” to pair (or register) your soundbar with your Bluetooth compatible device.
 - If a passcode is requested, enter “0000”.
 - If the soundbar name does not appear on the Bluetooth compatible device, press  **PAIR** on the remote control.
- 4 When the pairing is complete, your Bluetooth compatible device may show “Connected” on the display.


Playing back a music file through Bluetooth


- 1 Press  **BLUETOOTH** on the remote control to switch the soundbar to Bluetooth mode.
 - The  **PAIR** (Bluetooth) indicator will light up.

The image shows a close-up of the soundbar's display. At the top, the word 'INPUT' is centered. Below it, there are five options: 'LINE', 'USB', 'OPTICAL', 'AUX', and 'PAIR'. The 'PAIR' option is highlighted with a blue light. Below the display, there is a small blue light indicator.
- 2 Turn your Bluetooth compatible device on and activate the Bluetooth setting.
(See the user manual of the Bluetooth compatible device on how to enable Bluetooth.)
 - If you have already paired your Bluetooth compatible device and the device's Bluetooth is on then the soundbar should connect to it automatically.
 - If the soundbar name does not appear on the Bluetooth compatible device, press  **PAIR** on the remote control.
- 3 Playback a music file on the connected Bluetooth compatible device.
 - You may use, ,  and  on the soundbar's remote control once the Bluetooth compatible device is properly connected to this soundbar.
- 4 To exit Bluetooth mode, press one of the other **INPUT** source buttons on the remote control.


The following chart describes behavior of the **PAIR** indicator and to-do's for playback, according to each behavior sequence of the **PAIR** indicator.

	 PAIR indicator behavior (The arrow indicates the passage of time.)		The current status of Bluetooth and the procedures to complete Bluetooth connection for Bluetooth playback.
1		Blinks twice → light off → repeats	Waiting for a new Bluetooth compatible device to connect (status: pairing). On the Bluetooth compatible device to connect, select the soundbar's name (*1), then connect.
2		Remains lit	A Bluetooth compatible device is connected. Music can be played from the connected Bluetooth compatible device (*2).
3		Blinks slowly	No Bluetooth compatible device is connected. To reconnect with the last connected Bluetooth compatible device, press  BLUETOOTH (*2).
4		Blinks rapidly	Trying to connect with the last connected Bluetooth compatible device. Enable Bluetooth on the last connected Bluetooth compatible device and wait a moment (*2).
5		Remains unlit	Either another audio input is selected or the soundbar is in standby. If all indicators are off, press  to turn on the soundbar. When all indicators except the blue LED are lighting up or blinking, press  BLUETOOTH . The (Bluetooth) indicator will start blinking or light up. Follow 1-4 in this chart

*1 This soundbar's name is "SANYO_Soundbar". If this soundbar has already been registered to a Bluetooth compatible device and the connection fails, delete it (or deactivate it), then press  **PAIR** and select this soundbar's name to connect.

*2 To play music from a different Bluetooth compatible device, press  **PAIR**, then select this soundbar's name on the Bluetooth compatible device to connect ^{(*)1}.

NOTE(S)

- If reconnecting the Bluetooth compatible device to the soundbar fails, delete the registered profile of this soundbar from the Bluetooth compatible device, then perform pairing again.
This unit can store up to 9 device profiles.
- The music streaming may be interrupted by obstacles between the device and soundbar, such as wall, metallic casing that covers the device, or other devices nearby that operate in the same frequency.
- If you want to connect your soundbar with another Bluetooth compatible device, press  **PAIR** to disconnect the current connection.
- Depending on your Bluetooth compatible device, different behaviors may appear.
See your Bluetooth compatible device's user manual for details.
- The operational range between the soundbar and a Bluetooth compatible device is approximately 30 feet (10 m), if there is no interference or obstacles.

Playing back a music file through USB memory stick

You can enjoy playback of music files which are stored on a USB memory stick on this unit.

Preparing for USB memory stick playback

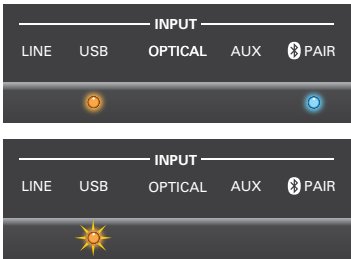
- You require the following equipment:
- A FAT(FAT16)/FAT32 formatted USB memory stick
 - A music file which has extension of "WAV"

NOTE(S)

- WAV files stored in the root directory, or in a folder in the root directory, can be played.
- Playback is in alphabetical/numerical order (folder/file) names. Files in the same folder will be played continuously.
- Playable format is: up to 96KHz/24bit, Stereo, LPCM.
- Only FAT(FAT16)/FAT32 formatted portable memory is supported.
- When a music file is playing back, do not remove a USB memory stick.
This may cause the corruption of the music file or damage to the USB memory stick.
- If you cannot play music file after the USB memory stick is inserted, retry the procedure or please contact call center for further assistance.
- Some music files stored on some USB memory sticks with this unit may not play back.

Playing back a music file

- 1
- Connect your USB memory stick with a music file to the USB terminal on the rear of the soundbar.
- 2
- Press **USB** on the remote control to switch the soundbar to USB mode.
- When the soundbar connects the USB memory stick, the **USB** and **PAIR** indicator will lightup while loading.
 - If the soundbar successfully completed loading the USB memory stick and the music files, the **USB** indicator will blink slowly.
- 3
- Press **▶||** on the remote control to play a music file on the connected USB memory stick.
- Press **▶||** if you want to pause playback. To go back to playback, press **▶||** again.
 - You can also use **◀◀** to skip backward in a music file and **▶▶** to skip forward in a music file.
 - If you press **◀◀** twice, the music file will go back to the previous music file. Press it repeatedly to go to the previous music files. The music files will move backward one at a time.
- 4
- To exit USB mode, press one of the other INPUT source buttons on the remote control.






	USB indicator behavior (The arrow indicates the passage of time.)		The current status of the USB device
1		Remains lit	No USB device is connected or during playback.
2		Blinks slowly	Playback has been stopped.
3		Blinks twice → Light off → Repeats	A USB device is connected; no playable file is found or an unrecognizable USB device. Make sure that the USB memory stick has been formatted (FAT(FAT16)/FAT32) or supported music files ("WAV") are stored correctly.
4		Remains unlit	USB input is not selected or the soundbar is in standby.

USEFUL TIPS

Resetting to the factory default mode

You can reset each settings, or delete the Bluetooth profiles that stored on the unit by resetting the factory default.

- 1 Press  to turn the soundbar on.
- 2 Press  to select the **LINE** input.
- 3 Press  5 times within 3 seconds.
 - After completing reset, the soundbar will be shut down and go into standby mode.

Upgrading the software

SANYO continuously tries to improve its products and we strongly recommend that you upgrade the soundbar Software when upgrades are available. New software can be downloaded from our website at www.sanyo-av.com/support/download.php using the model number from your soundbar to find information.

Preparing for the software upgrade

You require the following equipment:

- A PC with web browsing capability
- An archive utility that supports the ZIP-format (e.g. WinZip for Windows or StuffIt for Mac OS)
- A Blank empty clean FAT(FAT16)/FAT32 formatted USB memory stick

NOTE(S)

- Only FAT(FAT16)/FAT32 formatted portable memory is supported.
- Use only software upgrades that can be found on the SANYO web site.










CAUTION(S)

During software upgrade is running, do not do the following:


- Unplugging the soundbar's AC power cord.
- Pressing any buttons.
- Removing the USB memory stick from the soundbar.

Upgrading the software

Find information and software related to your soundbar and download the latest software upgrade file to your PC.

- 1 On your PC, open a web browser and go to www.sanyo-av.com/support/download.php
 - 2 Enter the model number in the "Type the Model Number..." field.
 - 3 Click the desired software to be downloaded.
 - Download to your PC and then decompress the ZIP-file.
- 4 Copy the upgrade file to the empty root directory on the clean formatted USB memory stick.
 - 5 Unplug the soundbar's AC power cord from the AC outlet.
 - 6 Connect your USB memory stick with the upgrade file to the USB terminal on the rear of the soundbar.
 - 7 Plug the AC power cord into the AC outlet, then press .
 - 8 Press  on the remote control to switch to USB mode.
 - Wait until loading completes. (After loading completion, the USB indicator will light up and the AUX indicator blinks.)
 - 9 Press each button in the following order within 3 seconds.
 →  →  →  →  → 
 - Software upgrade will start.
 - The indicators show the upgrade progress.
 - All indicators will go unlit if upgrade is completed successfully.
 - If Indicators keep lighting or blinking after 10 minutes have passed, the upgrade has failed. Unplug the AC power cord, remove the USB memory stick from the soundbar, confirm that the correct upgrade file is saved to the USB memory stick, then retry from step **6** on.
 - 10 Press .

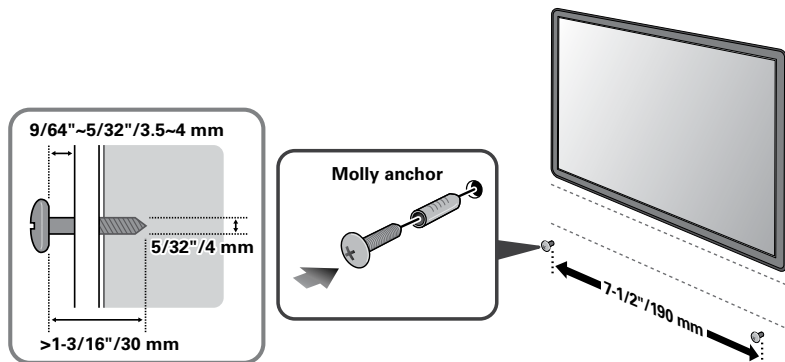
Auto standby function

- This soundbar will automatically go into standby mode for energy saving if no audio signal has been input for more than 20 minutes.
- In order to use the soundbar again while it is in standby mode, press  on the remote control.

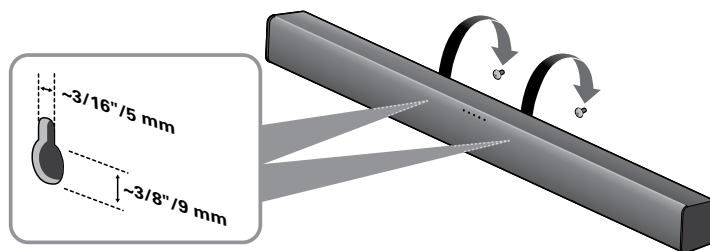
Installing the soundbar on a wall (OPTIONAL)

- 1** Purchase the screws (x 2) by length/diameter below, now make screw holes on the vertical interior wall.

- There is a “Wall mounting template” on page 21 or in the setup manual.



- 2** Hang the soundbar over the screws.



NOTE(S)

- Use the “Wall mounting template” when you make the screw holes on the wall. Print out the page 21 or use the setup manual and place “Wall mounting template” on the wall where the soundbar is to be installed, to determine screw locations.


Funai is not liable for these types of accidents or injury noted below.

- Do not mount the soundbar onto the wall while your soundbar is plugged in or turned on. It may result in an electrical shock injury.
- Install the screws on a sturdy vertical wall. If installed onto a ceiling or slanted wall, the soundbar may fall which could result in a severe injury.
- Make sure that the wall where you are mounting the soundbar is appropriate. Some mounts are not designed to be mounted to walls with steel studs or cinder block construction. If you are unsure, contact a professional installer.
- Do not fasten the screws using excessive force. This may damage the product or cause the product to fall, leading to an injury.
- Never allow children to climb on or play on the soundbar.

INFORMATION

Troubleshooting guide

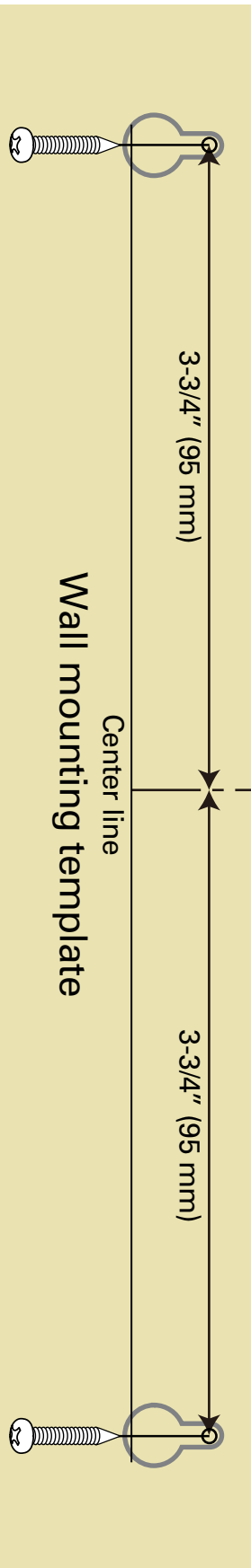
If the unit does not perform properly when operated as instructed in this owner's manual, refer to the following.

Problem	Corrective action
No power (no LED lights will be seen)	<ul style="list-style-type: none"> – Check if the AC power cords are properly connected. – Unplug AC power cords from soundbar, wait for 20 seconds. Then plug in the soundbar, immediately turn the soundbar on using the remote control.
No sound	<ul style="list-style-type: none"> – Make sure the TV, other devices and soundbar are all turned on. – Make sure unit is connected to an audio output on your device. – Press INPUT source buttons on your soundbar remote control to select the correct audio input. – Confirm that the soundbar is not muted. Press the VOL +/- or  button(s) on the remote control to unmute the sound. (See "Adjust the volume" on page 12) – For optical audio connection, select another audio signal on the connected external device. (This product supports Dolby Digital and LPCM) – Depending on the usage and usage environment, chatter sound and distorted sound may be generated. To reduce such sounds, lower the volume. – If input is optical sound make sure that the optical cable connector is completely inserted into the terminal (Click sound is heard when properly inserted).
Distorted sound	<ul style="list-style-type: none"> – Adjust the sound settings on your connected device. – Adjust the headphone volume on some TV's if you connect this unit to the headphone jack on your TV using the included 3.5 mm line-in cable. – Decrease the volume on the connected Bluetooth compatible device.
No sound from subwoofer	<ul style="list-style-type: none"> – Be sure that the subwoofer cable is correctly connected to soundbar. – Check if the connection cable is properly connected. – Certain sound sources may not contain enough bass sound to activate the subwoofer, try playing audio with more bass. – Night mode 1 or 2 may be on. See "Night mode" on page 14.
Low sound or low bass sound from subwoofer	<ul style="list-style-type: none"> – Night mode 1 or 2 may be on. See "Night mode" on page 14.
Abnormal noise is generated.	<ul style="list-style-type: none"> – Be sure the cable(s) are plugged in all the way.
Echo sound is heard when both the TV and soundbar sound are on.	<ul style="list-style-type: none"> – It is normal for the TV and soundbar sounds to have an echo sound when both are turned on at the same time. To eliminate the echo sound turn off or mute the TV sound.
Intermittent or no reaction to the remote control.	<ul style="list-style-type: none"> – Confirm that the soundbar AC power cord is plugged into a power outlet. – Check the batteries in remote control and make sure they are properly inserted using + or - symbols. – Aim remote at the center of this unit. – Use a digital or phone camera pointing the remote control at the camera lens and press any remote button. If remote IR LED(s) flash on camera display, then the remote is transmitting a signal. Some phone cameras have IR filter(s) in their lens, therefore you will not see the IR LED(s) flash. – If the remote control does not work and all LEDs on the soundbar stay lit for over 30 seconds, there is a failure in the electrical system. Unplug the AC power cord and contact the service center. – If your thumb is used to operate the remote control sometimes it may not be fully working when pointed at the soundbar, make sure that your index finger is not blocking the IR signal from the front of the remote control.
An external device cannot connect with the soundbar via Bluetooth.	<ul style="list-style-type: none"> – Confirm that the external device is compatible with the audio signals supported by the soundbar. – Confirm that Bluetooth is enabled on the external device. See the user manual on the external device on how to enable Bluetooth. – If reconnecting the Bluetooth compatible device to the soundbar fails, delete the registered profile of this soundbar from the Bluetooth compatible device, then perform pairing again. This unit can store up to 9 device profiles. – Another Bluetooth compatible device is already connected to the soundbar. Disconnect the connected device, then try again.
Poor sound quality from the connected Bluetooth compatible device.	<ul style="list-style-type: none"> – The Bluetooth reception may be poor. Confirm that there is no obstacle between the Bluetooth compatible device and the soundbar. If this does not improve the sound quality, move the Bluetooth compatible device closer to the soundbar.
Unstable connection between the Bluetooth compatible device and the soundbar.	<ul style="list-style-type: none"> – The Bluetooth reception may be poor. Confirm that there is no obstacle between the Bluetooth compatible device and the soundbar. If this does not improve the sound quality, move the Bluetooth compatible device closer to the soundbar.

Specifications

Power requirements	120V AC +/- 10%, 60Hz +/- 0.5%
Output power	50W (Front L/R speaker: 24W, Subwoofer: 26W)
Dimensions (width x height x depth)	Soundbar: 39.3 x 3.1 x 3.1 inches (999 x 77 x 77 mm) Subwoofer: 7.0 x 9.7 x 9.6 inches (176 x 244 x 242 mm)
Weight	Soundbar: 4.41 lbs. (2.00 kg) Subwoofer: 5.52 lbs. (2.50 kg)
Bluetooth	Bluetooth profile: A2DP, AVRCP Bluetooth version: 2.1+EDR
Optical input	Dolby Digital Linear PCM (LPCM) 96kHz/24bit Max
USB	WAV file (LPCM format)

- Designs and specifications are subject to change without notice.
- If there is a discrepancy between languages, the default language will be English.



LIMITED WARRANTY

NINETY (90) DAY LABOR / ONE (1) YEAR PARTS

WARRANTY COVERAGE:

This warranty obligation is limited to the terms as set forth below.

WHO IS COVERED:

This product warranty is issued to the original purchaser or the person receiving the product as a gift against defects in materials and workmanship as based on the date of original purchase ("Warranty Period") from an authorized dealer. The original sales receipt showing the product name and the purchase date from an authorized retailer is considered such proof.

WHAT IS COVERED:

This warranty covers new products if a defect in material or workmanship occurs and a valid claim is received within the Warranty Period. At its option, the company will either (1) repair the product at no charge, using new or refurbished replacement parts, or (2) exchange the product with a new or refurbished product at company's option.

Replacement products or parts provided under this warranty are covered against defects in materials and workmanship from the date of the replacement or repair for ninety (90) days or for the remaining portion of the original product's warranty, whichever provides longer coverage for you. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes company property. When a refund is given, your product becomes company property.

Note: Any product sold and identified as refurbished or renewed carries a ninety (90) day limited warranty.

Replacement product can only be sent if all warranty requirements are met. Failure to follow all requirements can result in delay.

WHAT IS NOT COVERED - EXCLUSIONS AND LIMITATIONS:

This limited warranty applies only to new company manufactured products that can be identified by the trademark, trade name, or logo affixed to it. This limited warranty does not apply to any hardware product or any software, even if packaged or sold with the product, as manufacturers, suppliers, or publishers may provide a separate warranty for their own products packaged with the bundled product.

The company is not liable for any damage to or loss of any programs, data, or other information stored on any media contained within the product, or other additional product or part not covered by this warranty. Recovery or reinstallation of programs, data or other information is not covered under this limited warranty.

This warranty does not apply (a) to damage caused by accident, abuse, misuse, neglect, misapplication, or non-supplied product, (b) to damage caused by service performed by anyone other than company approved authorized service location, (c) to a product or a part that has been modified without written company permission, or (d) if any serial number has been removed or defaced, or (e) product, accessories or consumables sold "AS IS" without warranty of any kind by including refurbished product sold "AS IS" by some retailers.

This Limited Warranty does not cover:

- Shipping costs for returning defective product.
- Labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna/signal source systems outside of the product.
- Product repair and/or part replacement because of improper installation or maintenance, connections to improper voltage supply, power line surge, lightning damage, retained images or screen markings resulting from viewing fixed stationary content for extended periods, product cosmetic appearance items due to normal wear and tear, unauthorized repair or other cause not within the control of the company.
- Damage or claims for products not being available for use, or for lost data or lost software.
- Damage from mishandled shipments or transit accidents when returning product.
- A product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- A product used for commercial or institutional purposes (including but not limited to rental purposes).
- Product lost in shipment and no signature verification receipt can be provided.
- Failure to operate per owner's manual.

TO OBTAIN ASSISTANCE...

Contact the customer care center at:

www.sanyo-av.com

1 866 212 0436

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY FOR THE CONSUMER, WITH THE ISSUING COMPANY NOT LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

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

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

FUNAI CORPORATION, Inc. 19900 Van Ness Avenue, Torrance, CA 90501

1 Conexiones

Para conectar a una TV, consulte “CONNECTIONS (CONEXIONES)” en la página 9 y verifique las terminales de la TV, después conecte su barra de sonido a la TV, y conecte el cable de energía CA. Para reproducir audio a través de un dispositivo Bluetooth, consulte “Playing back a music file through Bluetooth (Reproducir audio a través de Bluetooth)” en la página 15 y conecte el dispositivo Bluetooth a su barra de sonido.

2 Instalación de las pilas en el control remoto



3 Reproducción

1



1

Presione  para encender su barra de sonido.



2



2




















Presione el botón de fuente **INPUT** (entrada) y confirme que se enciendan las luces del indicador de fuente **INPUT** correctas.

ej.) Cuando **OPTICAL** se presiona.



- Uno de los indicadores de fuente se encenderá cuando cambie a la entrada conectada.

4 Control remoto

Botón	Especificaciones
	Presione para encender la unidad, o para cambiar la unidad en modo de espera. (Para apagar completamente la unidad, debe desconectar el cable de energía CA.)
	Presione para cambiar el sonido preestablecido estándar.
	Presione para cambiar el sonido preestablecido para deportes.
	Presione para cambiar el sonido preestablecido para música.
	Presione para silenciar el sonido y recuperar el sonido.
	Presione para seleccionar óptico de los dispositivos conectados a esta barra de sonido.
	Presione para seleccionar línea de los dispositivos conectados a esta barra de sonido.
	Presione para seleccionar la entrada USB del dispositivo conectado a esta barra de sonido.
	Presione para seleccionar AUX de los dispositivos conectados a esta barra de sonido.
	Presione para subir / bajar el volumen de la barra de sonido.
	Presione para cambiar el sonido preestablecido para películas.
	Presione para cambiar el sonido preestablecido para noticias.
	Presione para cambiar el sonido preestablecido modo nocturno.
	Presione para ajustar el sonido envolvente.
	Presione para seleccionar Bluetooth de los dispositivos conectados a esta barra de sonido.
	Presione para desconectar el dispositivo Bluetooth conectado actualmente y comenzar el modo de conexión para establecer una nueva conexión a otro dispositivo Bluetooth. Si no se conecta un dispositivo Bluetooth dentro de 2 minutos, presione este botón para reiniciar el modo de conexión. El modo de conexión sólo puede iniciar cuando se selecciona Bluetooth.
	Presione para saltar hacia adelante para un archivo de música. (Sólo modo Bluetooth o modo USB)
	Presione para reproducir o poner pausa para un archivo de música. (Sólo modo Bluetooth o modo USB)
	Presione para saltar hacia atrás para un archivo de música. (Sólo modo Bluetooth o modo USB)

GARANTÍA LIMITADA

NOVENTA (90) DÍAS EN MANO DE OBRA / UNA (1) AÑO EN PARTES

COBERTURA DE GARANTÍA:

La obligación de ésta garantía se limita a los términos establecidos a continuación.

QUIÉNES ESTÁN CUBIERTOS:

La compañía le garantiza el producto al comprador original o a la persona que lo recibe como regalo contra defectos en los materiales y en la mano de obra, a partir de la fecha de la compra original ("Período de Garantía") en el distribuidor autorizado. El recibo de ventas, donde aparecen el nombre del producto y la fecha de la compra en un distribuidor autorizado, se considerará comprobante de esta fecha.

LO QUE ESTÁ CUBIERTO:

Esta garantía cubre productos nuevos si se produce algún defecto en el material o la mano de obra y la compañía recibe un reclamo válido dentro del Período de Garantía. A su propia discreción, ésta (1) reparará el producto sin costo, usando piezas de repuesto nuevas o reacondicionadas; (2) intercambiar el producto con un producto nuevo o reacondicionado a opción de la compañía. La compañía garantiza productos o piezas de repuesto proporcionados bajo esta garantía contra defectos en los materiales y en la mano de obra durante noventa (90) días o por el resto de la garantía del producto original, lo que le proporcione más cobertura. Cuando se cambia un producto o una pieza, el artículo que usted recibe pasa a ser de su propiedad y el que le entrega a la compañía pasa a ser propiedad de ésta última. Cuando se proporcione un reembolso, su producto pasa a ser propiedad de la compañía.

Nota: Cualquier producto que se venda y que esté identificado como reacondicionado o renovado tiene una garantía limitada de noventa (90) días.

El producto de reemplazo sólo se puede enviar si se cumplen todos los requisitos de la garantía. El incumplimiento de tales requisitos puede ocasionar un retardo.

LO QUE NO SE CUBRE: EXCLUSIONES Y LIMITACIONES:

La garantía limitada aplica sólo a los productos nuevos fabricados por o para la compañía que se pueden identificar por la marca registrada, el nombre comercial o por tener el logotipo correspondiente. Esta garantía limitada no se aplica a ningún producto de hardware ni de software que no sea de la compañía, incluso si viene empacado con el producto o si se vende junto con éste. Los fabricantes, proveedores o editores que no sean de la compañía pueden proporcionar una garantía por separado para sus propios productos empacados con el producto.

La compañía no es responsable por ningún daño o pérdida de programas, datos u otra información almacenados en algún medio contenido en el producto, ni por ningún otro producto o pieza que no esté cubierta por esta garantía. La recuperación o la reinstalación de programas, datos u otra información no está cubierta por esta garantía limitada.

Esta garantía no aplica (a) a daños causados por accidente, abuso, mal uso, negligencia, mala aplicación o por productos no provistos por la compañía; (b) a daño provocado por servicio realizado por cualquier persona ó establecimiento de servicio no autorizado por la compañía; (c) a productos o piezas que se hayan modificado sin la autorización por escrito de la compañía; (d) si se ha retirado o

desfigurado el número de serie; y tampoco se aplica la garantía a (e) productos, accesorios o insumos vendidos TAL COMO ESTÁN sin garantía de ningún tipo, lo que incluye productos vendidos TAL COMO ESTÁN por algunos distribuidores.

Esta garantía limitada no cubre:

- Costos de embarque para retorno de producto defectuoso.
- Los costos de mano de obra por la instalación o configuración del producto, el ajuste de controles del cliente en el producto y la instalación o reparación de sistemas de antena o fuente de señal externos al producto.
- La reparación del producto o el reemplazo de piezas debido a instalación o mantenimiento inadecuada, a conexiones hechas a un suministro de voltaje inadecuado, sobrevoltaje de la línea de alimentación, daño causado por relámpagos, imágenes retenidas o marcas en la pantalla producto de la visualización de contenido fijo durante períodos prolongados, reparaciones cosméticas debido al desgaste normal, reparaciones no autorizadas u otras causas que no se encuentren bajo el control de la compañía.
- Daños o reclamos por productos que no están disponibles para su uso, por datos perdidos o por pérdida de software.
- Daños debido a mala manipulación en el transporte o accidentes de envío al devolver el producto.
- Un producto que requiera modificación o adaptación para permitir su funcionamiento en algún país que no sea el país para el que se diseñó, fabricó, aprobó y/o autorizó o la reparación de productos dañados por estas modificaciones.
- Un producto que se use para propósitos comerciales o institucionales (lo que incluye, entre otros, los de alquiler).
- La pérdida del producto en el envío y cuando no se pueda proporcionar una firma que verifique el recibo.
- No operar según el Manual del propietario.

PARA OBTENER AYUDA...

Comuníquese con el centro de atención al cliente al:

www.sanyo-av.com

1 866 212 0436

LA REPARACIÓN O EL REEMPLAZO, SEGÚN LO DISPONE ESTA GARANTÍA, ES LA SOLUCIÓN EXCLUSIVA PARA EL CLIENTE. LA COMPAÑÍANO SERÁ RESPONSABLE DE LOS DAÑOS INCIDENTALES O INDIRECTOS QUE INFRINJAN ALGUNA GARANTÍA EXPRESA O IMPLÍCITA SOBRE ESTE PRODUCTO. CON EXCEPCIÓN DE LO QUE PROHIBA LA LEY VIGENTE, TODA GARANTÍA IMPLÍCITA DE COMERCIABILIDAD Y ADECUACIÓN PARA UN PROPÓSITO PARTICULAR EN ESTE PRODUCTO ESTÁ LIMITADA EN DURACIÓN A LO QUE ESPECIFIQUE ESTA GARANTÍA.

Algunos estados no permiten las exclusiones ni la limitación de los daños incidentales o indirectos, ni permiten limitaciones sobre la duración de la garantía implícita, de modo que las limitaciones o exclusiones anteriores pueden no aplicarse a usted.

Esta garantía le otorga derechos legales específicos. Usted puede tener otros derechos que varían entre los diferentes estados y provincias.

FUNAI CORPORATION, Inc. 19900 Van Ness Avenue, Torrance, CA 90501

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