

# SÖLIS

LEAVE NO NOTE UNHEARD.

 Google Assistant

 Chromecast  
built-in

 Bluetooth®



## VOICE-ACTIVATED BLUETOOTH / WI-FI WIRELESS SPEAKER WITH CLOCK

Model: SO-2000

USER MANUAL

PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATING THIS UNIT

# IMPORTANT SAFETY INSTRUCTIONS

When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety. However, improper use can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use, and keep these instructions handy for future reference. Take special note of all warnings listed in these instructions and on the unit.

1. Read these instructions – All the safety and operating instructions should be read before the appliance is operated.
2. Keep these instructions – The safety and operating instructions should be kept for future reference.
3. Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow all instructions – All operation and use instructions should be followed.
5. Do not use this apparatus near water – The appliance should not be used near water; for example, near a bath tub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
6. Clean only with dry cloth – The appliance should be cleaned only as recommended by the manufacturer.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. AC adaptor is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the AC adaptor should be disconnected from the mains socket outlet completely.
10. Only use attachments / accessories specified by the manufacturer.
11. Use only with a 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.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. 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.
14. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquids such as vases shall be placed on the apparatus.
15. Power Sources – The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance. Do not overload wall outlet.
16. Do not attempt to dismantle, open or repair this product yourself. If a fault occurs, seek advice from your local qualified service technician or contact the distributor via the telephone number at the back of this instruction manual.
17. Nameplate are located on the bottom of product.



## IMPORTANT NOTES

Avoid installing the unit in locations described below:

- Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
- Places subject to constant vibration.
- Dusty, humid or moist places.
- Sources of electrical noise such as fluorescent lamps or motors.
- In case of malfunction due to electrostatic discharge, the apparatus has to be reset by disconnecting it from mains supply, wait at least for 60 seconds before reconnect the mains supply.

## COMPLIANCE WITH FCC REGULATIONS

CONTAINS FCC ID:YYX-FS5332

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.

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.

**CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

## Protect Your Furniture

This product is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture. To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.

## DEAR SOLIS CUSTOMER

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing. Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

### **To establish a safe level:**

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

### **Once you have established a comfortable sound level:**

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

### **We Want You Listening For a Lifetime**

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise.

### **Customer's Record:**

The serial number of this product is found on its back cover. You should note the serial number of this unit in the space provided as a permanent record of your purchase to aid in identification in the event of theft or loss.

**Model Number: SO-2000**

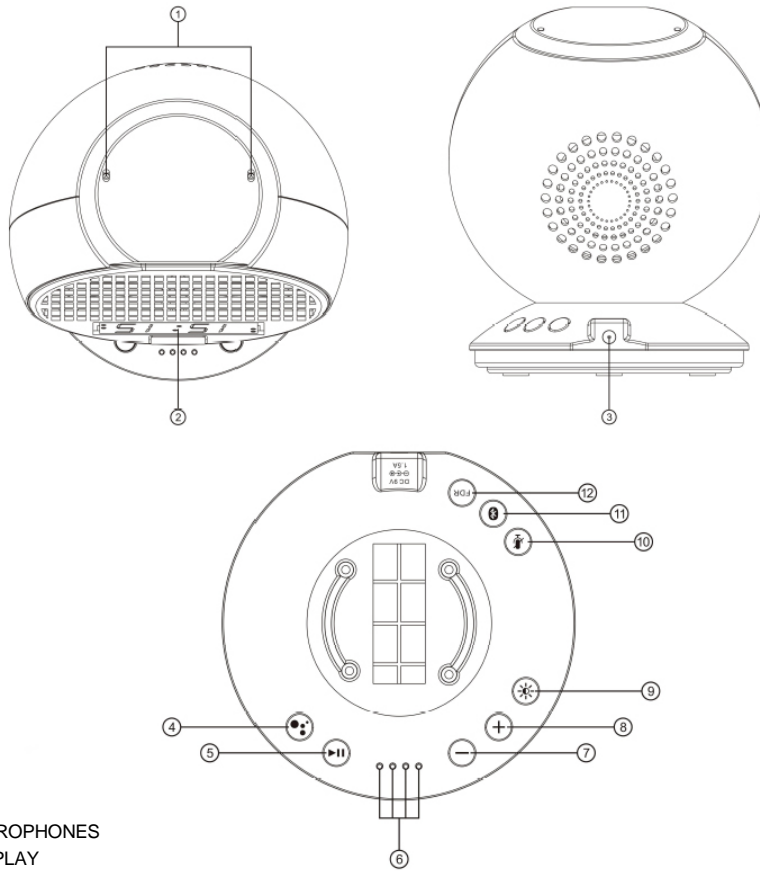
**Serial Number:** \_\_\_\_\_


## ACCESSORIES

- 1 x AC Adaptor
- 1 x User Manual

## LOCATION OF CONTROLS

### MAIN UNIT





1. MICROPHONES
2. DISPLAY
3. DC IN JACK
4. TRIGGER BUTTON -- Press to activate your Google Assistant without saying "Hey Google"
5. Wi-Fi STREAM / BLUETOOTH PLAY / PAUSE BUTTON
6. SETUP/ACTIVE STATUS INDICATORS
7. VOLUME- BUTTON
8. VOLUME+ BUTTON
9. DIMMER BUTTON FOR DISPLAY
10. MICROPHONE ON/OFF BUTTON
11. BLUETOOTH MODE  /PAIR BUTTON
12. FDR (FACTORY DATA RESET) BUTTON

## GETTING STARTED

### DOWNLOADING THE GOOGLE HOME APP



Go to the iTunes App Store (for iOS devices) or to Google Play (for Android devices) to download the Google Home app on a phone or tablet

### CONNECTING THE AC POWER

This unit operates using the included AC adaptor with DC 9V  1.5A (center-positive  ) output, and is compatible with standard AC 120V~ 60Hz household power

1. Insert the DC Plug of the AC Adaptor into the DC IN jack on the back of the unit. Plug the AC Adaptor into a standard AC 120V~ 60Hz AC wall outlet.
2. The unit will initialize when first plugged in. The initialization process could take up to 60 seconds to complete, so please wait for this process to finish before proceeding. The SETUP/ACTIVE STATUS INDICATORS will light and the display will turn off and then show “\_ \_ \_ \_” for several seconds while the unit is initializing.
3. You will hear a tune and “**use app**” will scroll across the display once the SO-2000 finishes initializing.

## SETTING UP THE SO-2000 ON A NETWORK

1. Make sure the device you want to connect (smartphone, tablet, etc.) is connected to a Wi-Fi network. The same Wi-Fi network will also be used for pairing the Google Assistant Speaker with the Google Home app.
2. Make sure that Bluetooth is also enabled on your device (smartphone, tablet, etc.). During the set-up process the Google Home app will access your device (smartphone, tablet, etc.) using Bluetooth.
3. With the Speaker in Network Standby Mode, open the Google Home app  and select the Devices icon .
4. A new screen will open showing available devices and the SO-2000 will appear as “SolisSO2000XXXX”, and will show as “Needs Setup.”

**Note:** The “XXXX” is the last 4 digits of speakers MAC address. If you have more than one SO2000 within range, the XXXX lets you connect to the appropriate speaker. The MAC address is located on the back of the unit.

**IMPORTANT:** It may take up to a minute for the speaker to appear as an available device in the Google Home window, so do not select “Add New Device” in the app.

5. Follow the instructions in the Google Home app to complete the setup. The setup process may take several minutes. It's normal if the SETUP/ACTIVE STATUS INDICATORS on the speaker turn off for several seconds during the set-up process. “use app” and “connecting” will also scroll on the display during the set-up process.
6. After the SO-2000 successfully connects to internet, the display will show the current time automatically.
7. Every 2 minutes the clock display will automatically change to show month and date automatically for few seconds and then switch back to the time.

### YOUR GOOGLE ASSISTANT

Once the set-up is complete and you log in with your Google account, you can now use your Google Assistant. Ask it questions, and tell it to do things. The more you use it, the more useful it gets. It's your own personal Google, always ready to help. Start by saying “Hey Google” followed by your question or command.


Example: If you want to know the current time:

Start with “Hey Google”, then say: “What time is it?”

Your Google Assistant will respond with the correct time.


### USING CHROMECAST BUILT-IN

The SO-2000 comes with Chromecast built-in. It lets you stream your favorite music from your phone, tablet or laptop right to your speakers. Easily control the SO-2000 with apps you already know and love from your iPhone, iPad, Android phone or tablet, Mac or Windows laptop, or Chromebook.

1. Tap the Cast icon  in any Chromecast-enabled app and select the SO-2000 from the device menu.  
**NOTE:** Consult the Google Home app for a list of apps that are Chromecast-enabled.
2. Audio will stream from the Chromecast-enabled app to SO-2000 over your home Wi-Fi network.
3. Use the VOLUME + BUTTON to increase the volume.
4. Use the VOLUME – BUTTON to decrease the volume.

### **STREAMING TO MULTIPLE SPEAKERS WITH CHROMECAST BUILT-IN**

If you have multiple speakers set-up in the Google Home app, they can be grouped together so they all stream the same audio content.

1. Select the SO-2000 from the Google Home app Devices List by clicking on the Devices icon .
2. Tap in the upper right corner of the SO-2000 device window in the Google Home app and select "Create Group."
3. Select at least two speakers (box will be checked once selected) from the list for the group and enter a name for the group.
4. The group will appear as an available connection when the Cast icon is tapped in Chromecast-enabled apps.
5. Access the speaker group in the Google Home app to control play/pause or control the volume (if available in supported apps) of each speaker.

## **BLUETOOTH OPERATION**

### **PAIRING (LINKING) A BLUETOOTH ENABLED CELL PHONE OR OTHER BLUETOOTH ENABLED DEVICE to the SO-2000**


**NOTE: Make sure the SO-2000 is set-up on your network prior to using the Bluetooth feature.**

Once the SO-2000 is connected to your Wi-Fi network, you can simply turn on or off the Bluetooth function by starting with "OK Google", and then saying:

- "Pair Bluetooth" or "Connect Bluetooth" to connect to a Bluetooth device or
- "Disconnect Bluetooth" to disconnect from a Bluetooth device.



If you say "Pair Bluetooth" or "Connect Bluetooth," your Google Assistant will guide you through the process of connecting to your Bluetooth device. The SO-2000 will switch to Bluetooth mode and start looking for available devices to connect to. The Bluetooth menu on your device will show the name you assigned to the SO-2000 when you first set-up the speaker using the Google Home app. Select the name you assigned to the SO-2000 and it will automatically connect.


Once you are finished using the Bluetooth feature, start with "Hey Google," then say "Disconnect Bluetooth." Your Google Assistant will disconnect your device automatically.

You can also pair your Bluetooth device manually if you press and hold the Bluetooth  button on the SO-2000 for 3 seconds to enter Bluetooth pairing mode. All four SETUP/ACTIVE STATUS INDICATORS will change to blue and pulse for 3 minutes while in pairing (linking) mode. The SO-2000 is now ready to pair (link) with your Bluetooth device.


1. Turn on the Bluetooth feature of your cell phone and turn down the volume to avoid sudden loud sound bursts from the speaker. Enable the search or scan feature.
2. Select the SO-2000, from the device list when it appears on your device screen. If required, enter the pass code "0000" to pair (link) the speaker with your cell phone.
3. After successfully pairing (linking) your cell phone with the speaker, you can now play music from your cell phone or Bluetooth device wirelessly to the speaker.

**Note:** If the SO-2000 does not pair (link) with a Bluetooth device during the 3 minutes pairing time, the four SETUP/ACTIVE STATUS INDICATORS will turn off. If you want to connect the speaker to another cell

phone after pairing successfully, you need to press and hold the Bluetooth  button again for 3 seconds to enter pairing mode. If you previously paired (linked) a Bluetooth device with the SO-2000, but disconnected it, you need to tap the  button once to reconnect it with that Bluetooth device if it's within the Bluetooth range of the SO-2000.

4. Press the VOLUME +/- button to adjust the volume level.
5. Press the PLAY/PAUSE  button to pause or resume playback.

**Notes:**

- 1.) Refer to manual of your cell phone or other Bluetooth enabled device for Bluetooth operation, since it may vary from model to model.
- 2.) If your Bluetooth enabled device does not support A2DP, it will not play the music through the speaker, even after it's paired (linked).
- 3.) If you are using the SO-2000 for the first time, the Bluetooth  button is only active and will work properly once the unit is set-up using the Google Home app. Please refer to the "Setting up the SO-2000 on a Network" section in the manual before attempting to use the Bluetooth feature.

## RESETTING

### **Power Cycle Reset**

In case of malfunction due to electrostatic discharge, the unit has to be reset by unplugging the DC plug of the AC adaptor from the unit. Wait at least 60 seconds before reconnecting the AC adaptor.

If above steps cannot reset the unit, you may need to go through the process below and do a factory reset.

### **Factory Reset**

1. Press and hold the FDR (factory data reset) button on the SO-2000 for 5 seconds or until all four SETUP/ACTIVE STATUS INDICATORS change color and are all lit.
2. Release the FDR button and the unit will go into set up mode.
4. The SETUP/ACTIVE STATUS INDICATORS will light and the display will turn off and then show "\_ \_ \_ \_" for several seconds while the unit is initializing.
5. You will hear a tune and "use app" will scroll across the display once the SO-2000 finishes initializing.
3. Clear the cache for apps on your smartphone.
4. Go through the "Setting up the SO-2000 on a Network" section in the manual again to reconnect the unit to your network using the Google Home app.

## SOFTWARE UPDATES

The SO-2000 internal software will automatically be updated when updates become available, and when it is ON and connected to a Wi-Fi network. Software updates can occur at any time, but they will normally be scheduled to occur in the middle of the night to avoid interfering with your listening.

## CARE AND MAINTENANCE

1. Do not subject the unit to excessive force, shock, dust or extreme temperature.
2. Do not tamper the internal components of the unit.
3. Clean your unit with a dry cloth. Solvent or detergent should never be used.
4. Avoid leaving your unit in direct sunlight or in hot, humid or dusty places.
5. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.

### **CLEANING THE UNIT**

- ♦ To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- ♦ The finish on the unit may be cleaned with a dust cloth and cared for as other furniture, Use caution when cleaning and wiping the plastic parts.



- ◆ If the cabinet becomes dusty wipe it with a soft dry dust cloth. Do not use any wax or polish sprays on the cabinet.
- ◆ If the front panel becomes dirty or smudged with fingerprints it may be cleaned with a soft cloth slightly dampened with a mild soap and water solution. Never use abrasive cloths or polishes, as these will damage the finish of your unit.

**CAUTION:** Never allow any water or other liquids to get inside the unit while cleaning.

**Note:** This unit is not magnetically shielded and may cause color distortion on the screen of some TVs or video monitors. To avoid this, you may need to move the unit further away from the TV or monitor if unnatural color shifts or image distortion occurs.

## TROUBLESHOOTING GUIDE

Should you experience difficulties in the use of this player please refer to the following chart

Symptom	Possible Problem	Solution
The unit does not respond (no power)	The unit is disconnected from the AC outlet.	Reconnect to the AC outlet.
	The AC outlet has not power.	Try the unit on another outlet.
The unit does not respond to my voice	The Microphone Mute key is pressed	Press the Microphone Mute key again to disable the muting
Unit is ON but there is low or no volume	The volume control has been turned all the way down.	Turn the Volume control to a higher output.
No Sound	The SO-2000 is not on same Wi-Fi network of your smartphone.	Use the same WiFi network for the SO-2000 & your smartphone.
	The SO-2000 is not set up for casting audio.	Set up the SO-2000 by following the set-up steps in the manual.
	You have not select casting to speaker.	Select speaker in your smartphone screen.
	Bluetooth speaker is not linked with the cell phone.	Go through "Bluetooth Operations" process to link the speakers.
	Speaker placement out of range.	Relocate the speaker within Bluetooth operating range
Sound is distorted	Volume level is set too high.	Decrease the volume.
	Sound source is distorted.	If the external device original sound source is of poor quality, distortion and noise are easily noticed with high-power speakers. Try a different audio source such as a music CD. If you are using an external sound source like older generation of iPod, try reducing the output volume on the device itself. Also try turning bass boost OFF or change the EQ setting.
Unit gets warm after extended play at high volume	This is normal.	Turn the unit off for a period of time or lower volume.

## SPECIFICATION

**Power requirement:**

**Main Unit**

AC-DC Adaptor

Input : AC 100V-240V ~ 50/60Hz

Output : DC 9V  $\text{---}$  1.5 A  $\ominus$   $\oplus$



At Spectra, environmental and social responsibility is a core value of our business.

We are dedicated to continuous implementation of responsible initiatives with an aim to conserve and maintain the environment through responsible recycling.

Please visit us at <http://www.spectrainl.com/green.htm> for more information on Spectra's green initiatives or to find a recycler in your area.

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## 90 DAY LIMITED WARRANTY AND SERVICE

### VALID IN THE U.S.A. ONLY

SPECTRA MERCHANDISING INTERNATIONAL, INC. warrants this unit to be free from defective materials or factory workmanship for a period of 90 days from the date of original customer purchase and provided the product is utilized within the U.S.A. This warranty is not assignable or transferable. Our obligation under this warranty is the repair or replacement of the defective unit or any part thereof, except batteries, when it is returned to the SPECTRA Service Department, accompanied by proof of the date of original consumer purchase, such as a duplicate copy of a sales receipt.

You must pay all shipping charges required to ship the product to SPECTRA for warranty service. If the product is repaired or replaced under warranty, the return charges will be at SPECTRA's expense. There are no other express warranties other than those stated herein.

This warranty is valid only in accordance with the conditions set forth below:

1. The warranty applies to the SPECTRA product only while:
  - a. It remains in the possession of the original purchaser and proof of purchase is demonstrated.
  - b. It has not been subjected to accident, misuse, abuse, improper service, usage outside the descriptions and warnings covered within the user manual or non-SPECTRA approved modifications.
  - c. Claims are made within the warranty period.
2. This warranty does not cover damage or equipment failure caused by electrical wiring not in compliance with electrical codes or SPECTRA user manual specifications, or failure to provide reasonable care and necessary maintenance as outlined in the user manual.

3. Warranty of all SPECTRA products applies to residential use only and is void when products are used in a nonresidential environment or installed outside the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. TO OBTAIN SERVICE please remove all batteries (if any) and pack the unit carefully and send it freight prepaid to SPECTRA at the address shown below. IF THE UNIT IS RETURNED WITHIN THE WARRANTY PERIOD shown above, please include a proof of purchase (dated cash register receipt) so that we may establish your eligibility for warranty service and repair of the unit without cost. Also include a note with a description explaining how the unit is defective. A customer service representative may need to contact you regarding the status of your repair, so please include your name, address,

phone number and email address to expedite the process.

IF THE UNIT IS OUTSIDE THE WARRANTY PERIOD, please include a check for \$65.00 to cover the cost of repair, handling and return postage. All out of warranty returns must be sent prepaid.

It is recommended that you contact SPECTRA first at 1-800-777-5331 or by email at [custserv@spectrainintl.com](mailto:custserv@spectrainintl.com) for updated information on the unit requiring service. In some cases the model you have may be discontinued, and SPECTRA reserves the right to offer alternative options for repair or replacement.

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To register your product, visit the link on the website below to enter your information.  
<http://www.spectrainintl.com/wform.htm>

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