

Aurender A1000

Quick Guide

English / Korean / Chinese / Japanese Versions



Table of Contents

English Quick Guide	3
Korean Quick Guide	9
Chinese Quick Guide	15
Japanese Quick Guide	21

A1000 Quick Guide

Product Warranty

Aurender products are warranted for 2 years from the date of purchase, including parts and technical support. However, damage caused by improper use or repairs and modifications made by individuals not authorized by Aurender or its dealers will not be covered by the warranty, even within the warranty period. For technical support inquiries, please contact:

- Email: support@aurender.com

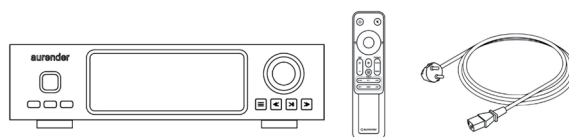
Precautions

Please read the following precautions carefully before connecting and operating your Aurender A1000.

- Take care not to mishandle or drop the device to avoid internal damage.
- Do not disassemble (or take apart) the device.
- Keep magnetic objects away from the Aurender to prevent data damage.
- Avoid exposure to oil, dust, water, high humidity, or smoke.
- Ensure proper ventilation is not obstructed.
- Clean with a soft cloth. Be careful not to expose the device to water or other liquids.
- All repair services should only be performed by qualified technicians; violation will void the warranty.
- Unplug the device during prolonged periods of disuse or severe lightning. Only disconnect the device from the power source after it has been completely turned off.
- Always turn off the power switch when connecting or disconnecting cables.
- Do not place the product where water may drip or splash, and do not put objects containing water, such as vases, on top of the product.
- The hard disk or SSD used for music storage can be damaged.

Product Components

- A1000
- Remote controller
- Power cord



Placement

- Place the device on a flat and stable surface.
- Keep away from heat sources such as radiators.
- Do not stack other objects on top of the device.
- Leave adequate space around all sides for ventilation.
- Do not place in enclosed cabinets or similar spaces.

Front Panel



1. Power On/Off, Standby Mode Button

Press the illuminated power button 1 to turn the device on or off. To turn on the A1000 from standby mode (when the LED is dimly lit), press the button once so that “Aurender A1000” appears on the display. When the A1000 is powered on (with the LED brightly lit), pressing the front panel button once will enter standby mode, and the device will turn off with the display message “Shutting down, please wait”. If the Aurender is powered on but the screen is off, pressing the power button once will wake up the screen, and pressing it again will enter standby mode.

*In standby mode, you cannot connect to the Aurender with the Conductor app. The power LED will blink while booting up or shutting down.

2. LCD Display

3. Volume Control Knob

4. Input Selection

The input changes in the order of A1000 – BT – ARC – Coaxial – Optical – USB

5. IR Signal Receiver

6. Output Selection

When the input is A1000, it changes to Analog – Digital Coaxial – USB output.

For other inputs, the output changes to Analog – Digital – Coaxial.

7. Menu Button

Pressing button 7 cycles through 3 display options -> Song information, Playlist, Aurender IP address

Use buttons 8 and 10 to scroll through playlists and button 9 to select a playlist. After selecting a playlist, press button 9 again to start playback. Once a playlist is selected, you can use buttons 8 and 10 to select songs within the chosen playlist

8. Previous Track Button

Moves to the previous track.

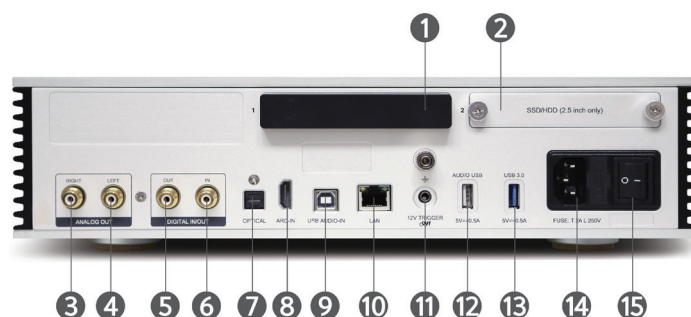
9. Play/Pause Button

Plays or pauses the track.

10. Next Track Button

Moves to the next track.

Rear Panel



1. Bluetooth antenna

2. HDD or SSD 2.5" slot

3. Analog audio output – RCA right

4. Analog audio output – RCA left

5. Digital audio output – Coaxial SPDIF (RCA)

6. Digital audio input – Coaxial SPDIF (RCA)

7. Digital audio input – Optical SPDIF (RCA)

8. TV ARC audio input

9. USB audio input

10. 1Gbps LAN port

11. 12V trigger output

12. USB audio 2.0 output

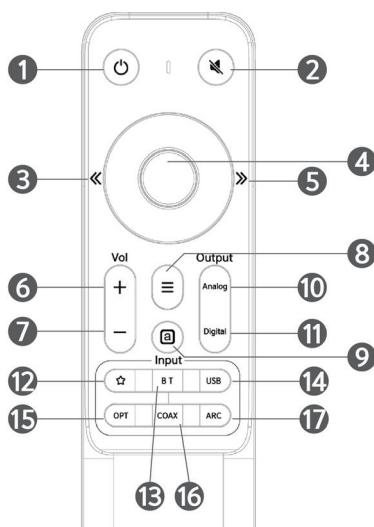
13. USB 3.0 data port

14. AC power socket

– connect the power cord here

15. AC power switch

BLE Remote Controller



1. Power ON/OFF

2. Mute

3. Previous track

4. Play/Pause

5. Next track

6. Volume up

7. Volume down

8. Display menu

9. Input – Aurender (SSD/HDD)

10. Output – Analog

11. Output – Coaxial/USB

12. Input – Reserved

13. Input – BT

14. Input – USB

15. Input – Optical

16. Input – Coaxial

17. Input – TV ARC

Connecting the BLE Remote Controller

1. Turn on the A1000 device.

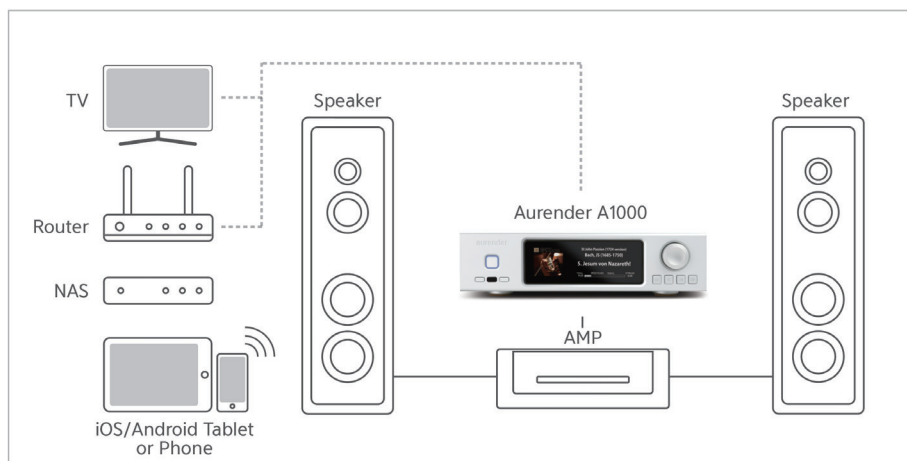
2. Press and hold buttons #4 (Play/Pause) and #13 (BT) on the remote controller simultaneously for more than 5 seconds.

3. When entering pairing mode, the LED on the remote controller will flash.

4. Once connected, the LED will stop flashing and turn off.

Connecting the Amplifier and Internet Router

Connect as shown in the figure below.



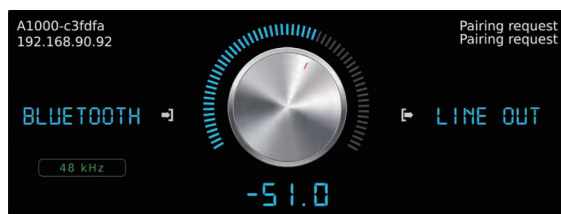
Connecting to TV via ARC port

1. Check if your TV has an HDMI ARC (Audio Return Channel) function and connect the ARC port of the A1000 to this port using an HDMI 1.4 or higher cable.
2. Connect the main power to the A1000 and turn it on.
3. Turn on the TV and activate the TV's HDMI/ARC audio function. The audio output should be set to PCM.
4. Now you can operate the A1000 through CEC commands from the TV. This allows you to control the A1000's volume using the TV remote, and the A1000 will turn on and off with the TV.
5. The A1000 will only turn on and off with the TV when the input mode is set to ARC.

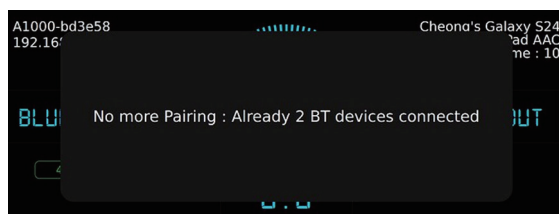


Connecting via Bluetooth

1. Press button #13 on the remote control to change the input to "BT" mode.
2. You can connect up to 2 devices to the A1000 via BT.
3. The initial setting should be BT pairing mode. Press the "Menu" button on the front panel of the device or on the remote control. The LCD will display the message "Pairing request".
4. Turn on BT on your phone, search for "A1000", then select it. [Picture 1]
5. When attempting to connect, "connecting" will be displayed on the LCD, and when the connection is complete, "connected" will be displayed.
6. If two devices are already connected, to connect another BT device, you must disconnect or unpair one of them. Otherwise, when you press the 'Menu' button, the screen below will be displayed. [Picture 2]



[Picture 1]



[Picture 2]

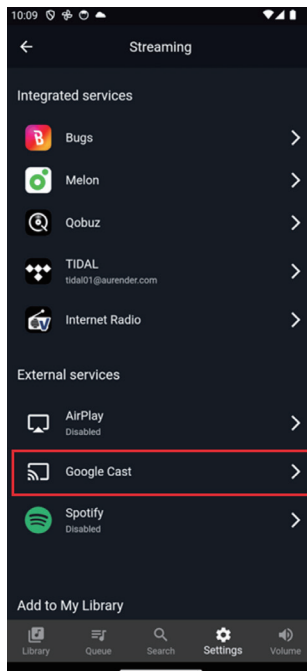
Caution when setting the output to USB

There are restrictions on input selection when setting the A1000's output to USB.

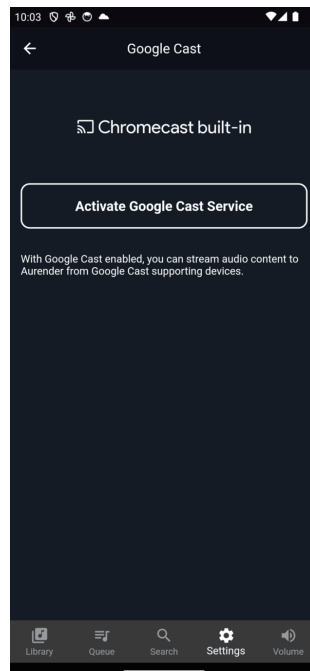
- Only songs stored on the A1000's storage device, streaming services through the Aurender app (Melon, Bugs, TIDAL, Qobuz, Internet radio, etc.), Airplay, Roon streaming (certification in progress), etc. can be output via USB.
- Digital inputs such as COAX, Optical, ARC, BlueTooth, USB, and services like Google Cast, TIDAL Connect, Spotify Connect are not supported for output through USB. For these inputs, please use Line Out (analog) or COAX (digital) for output.

Preparing Google Cast

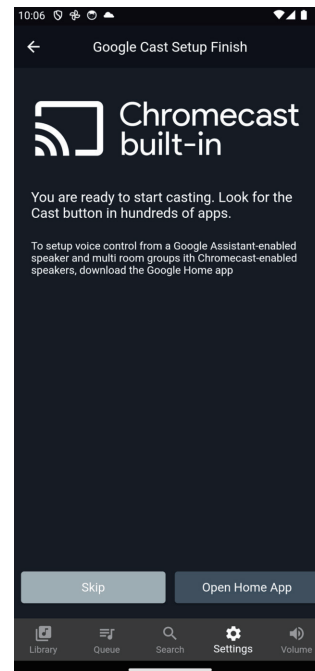
1. Open the Aurender Conductor app and select “Settings” – “Streaming” menu.
2. Select “Google Cast” under “External services”. [Picture 3]
3. Select “Activate Google Cast Service” on the screen below. [Picture 4]
4. **Google Cast will work up to this point.** Additionally, you can select “Open Home App” on the screen below. Selecting this will take you to the “Google Home App”. [Picture 5]



[Picture 3]

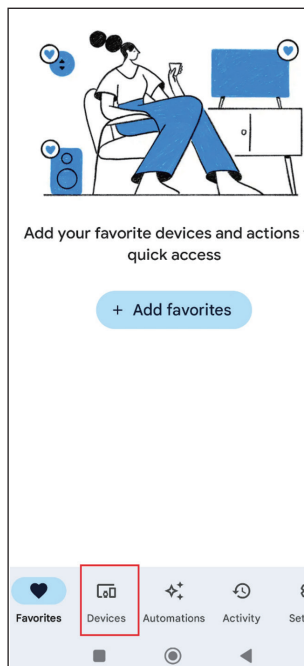


[Picture 4]

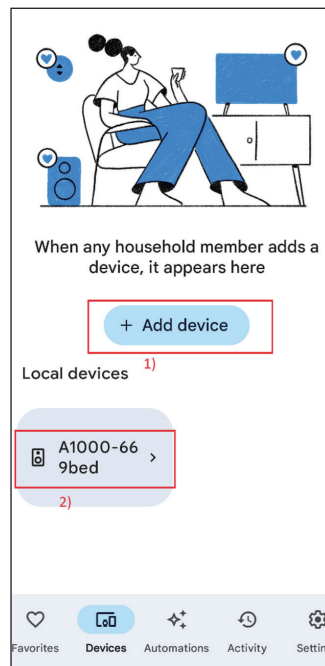


[Picture 5]

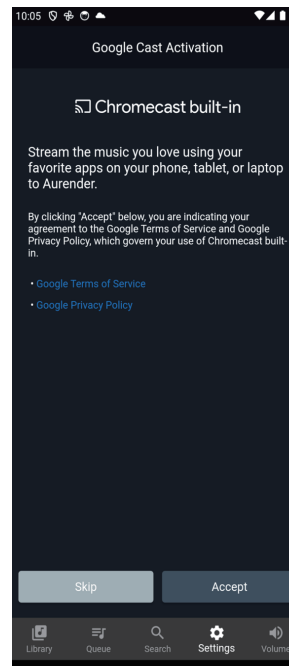
5. Select “Devices” in the Google Home App. [Picture 6]
6. Choose “Add device” on the screen and select the device that starts with “A1000”. [Picture 7]
7. When the selection is complete, you will see the following screen in the Aurender Conductor app. Select “Accept”. [Picture 8]
8. When everything is finished, you will see the screen below. Now, apps on your phone that support Google Cast can stream music to the A1000. [Picture 9]



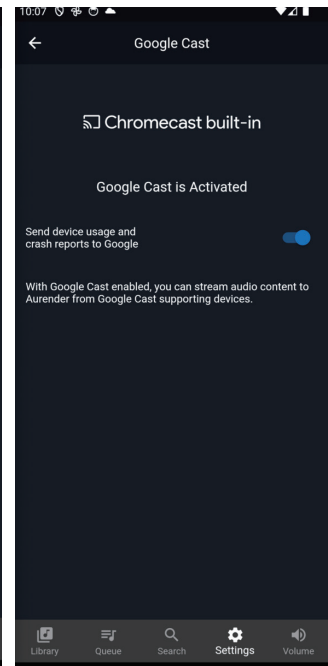
[Picture 6]



[Picture 7]



[Picture 8]



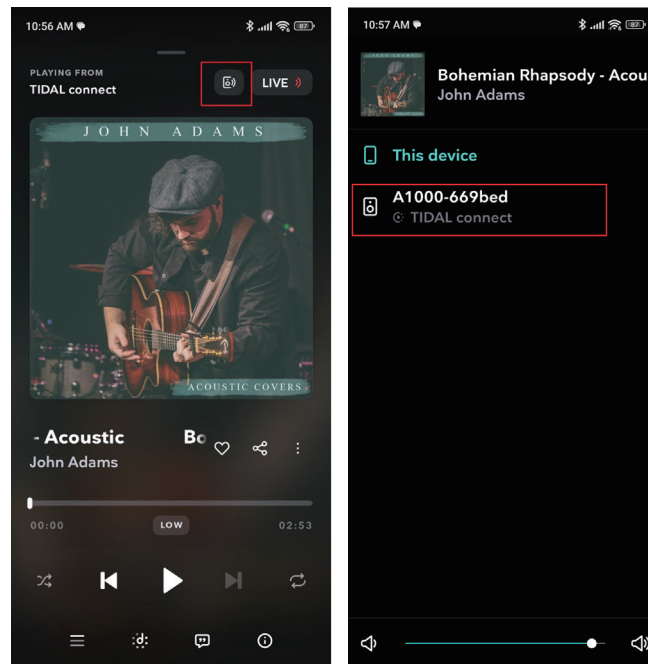
[Picture 9]

Connecting Google Cast playback devices

1. Make sure the playback device that supports Google Cast is on the same network as the A1000.
2. If the playback device that supports Google Cast is on the same network as the A1000, you can simply tap the Cast symbol in an app that supports Google Cast and select the A1000 when it appears.

Playing from the TIDAL app (TIDAL Connect) to the A1000

1. Launch TIDAL Connect and play a song, then tap on the “Now playing” bar.
2. Tap the TIDAL connectable device symbol and select the device name that starts with ‘A1000’.



Playing from the Spotify app (Spotify Connect) to the A1000

1. Use your phone, tablet or computer as a remote control for Spotify.
Go to www.spotify.com/connect to learn how.
2. The Spotify software is subject to third party licenses found here:
<http://www.spotify.com/connect/third-party-licenses>



Caution

Caution: Risk of electric shock. Do not open.

Uninsulated “dangerous voltage” exists within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The documentation accompanying the product contains important operating and maintenance (servicing) instructions.

Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Precautions for Grounding and Power Connection

Before connecting any audio cables, first ensure that all devices are grounded using grounded plugs and grounded sockets. Also, all devices should be powered off before connecting audio or digital cables. If devices are not grounded, voltage differences between devices may cause voltage surges through audio cables, which can degrade and eventually damage sensitive circuitry in D/A converters and other devices.

Battery Precautions

Danger of explosion if battery is incorrectly replaced. To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, expose to temperature above 60°C (140°F), or dispose of in fire or water. Replace only with specified batteries.

Do Not Ingest Battery

Do not ingest battery. Chemical Burn Hazard. This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Product Specifications

Physical Specifications

Dimensions	13.8"W x 14"D x 3.8"H (3.3" w/o Feet)
Weight	18.3lb (8.3kg)
Material	Machined Aluminum Chassis
Front Panel Display	6.9" 1280 x 480 Wide IPS Color LCD
Front Control Panel	Power, Input, Output, Mode, Play/Pause, Next Track, Previous Track, Volume Jog
Remote Control	BLE Remotecontrol for full-featured control

Technical Specifications

Power Supply	Full Linear Toroidal
CPU	Quad-core 2.0Ghz CPU (ARM Coretex-A55)
RAM	4GB DRAM
Library Storage Capacity	1x 2.5"
SSD for System & Cache	32G eMMC for System, 120GB NVMe for Cache
Data USB Ports	1x for external storage
Software Suite	Aurender Conductor
Ethernet Port	100/1000 (Gigabit)
Power Consumption	Play (15W), Peak (20W), Standby (1.4W)
ARC	1x ARC-in for TV ARC port
12V Trigger	1x for external equipment

Audio Specifications

Analog Outputs	RCA (Unbalanced)
DAC Chipset	AKM4490REQ Dual Mono
Analog Outputs Supported Format	Up To 32-bit / 768 KHz, DSD512(Native)
Digital Outputs	COAX RCA, USB external DAC Support
USB Output Supported Format	Up To 32-bit / 768 KHz, DSD512(Native)
Digital Inputs	COAX RCA, Optical/Toslink, USB Type B, ARC
Compatible Formats	DSD (DSF, DFF), WAV, FLAC, AIFF, ALAC, M4A, APE and others
Google Cast Audio	Tidal connect, Spotify connect Casting to various apps such as Qobuz, YouTube , Bugs, Melon, etc
Bluetooth	up to AptX-HD