Arylic

LP100

User's Manual

Wireless Music Streamer

Spotify | TIDAL connect | Works with Apple AirPlay | works with Google Cast

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1. Introduction

LP100 is a wireless music streamer with multiple streaming options, including AirPlay, Google Cast, Spotify connect, TIDAL Connect, and Roon Ready, which enables wireless music control and multiroom/multizone streaming. It features TV eARC input, phono input, analog input and output, high-definition digital output and expandable to control ambiance smart light to sync the light effect with music beats. It is a robust streaming solution to add wireless streaming to your existing home audio system.

Before You Go

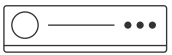
"Please read the following instructions carefully before setting up the LP100 Wireless Music Streamer."

- Be careful not to drop the device to avoid internal damage.
- Do not disassemble the device.
- Keep magnetic materials away from the device to prevent any damage to the device.
- Do not expose devices to oil, dust, water, high humidity or smoke.
- When cleaning, use only soft cloth. Keep out of contact with water or other liquids.
- All servicing must be performed by a qualified representative or the warranty will be voided.
- Unplug power cord during severe lightning storms or when unused for a long period of time.
- Do not turn off power during firmware update, the device might brick.

Positioning

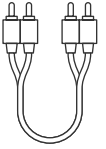
- Place your device on a flat, horizontal, and stable surface.
- Keep away from heat sources, such as radiators.

2. What's in the box



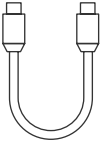
Main Unit x1

User's Manual x1

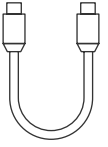


2-2 RCA Cable x1

Power Adapter x1



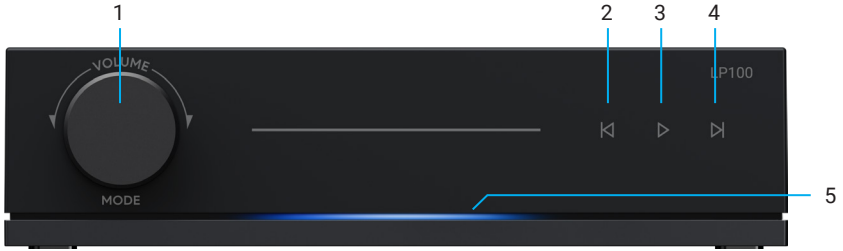
USB Type-C Cable x1



USB A Data Cable x1

BLE Remote Control x1

3. Interface



3.1. Knob Control

1. Rotary Knob Control
- Rotate right/left to increase/decrease volume.
- Short press to switch the input source or power on the device when it is off.
- Long press power off the device.

3.2. Touch Button functions

2. Previous Song.
3. Play/Pause, short press for play/pause, long press to active Bluetooth broadcast.
4. Next Song.

3.3. Ambient Lighting Indicator Status

5. Ambient lighting Indicates current status/input source.

- Breathing: No signal input.
- Solid: Connected
- Dim light: The device enters standby mode when there is no signal input for a while.

White: WiFi/network mode.
When the white light is pulsating outward and inward from the center, the device is booting.
When the white light is scrolling from left to right, the device is setup network or connecting.
When the light breathes, switching between bright and dim. There is no network connection.

Blue: Bluetooth mode. When the blue light is scrolling horizontally, the Bluetooth is waiting for pairing.

Green: Line input mode.

Purple: TV eARC input mode.

Yellow: Optical input mode.

Lime Green: Phono input mode.

Orange: Coaxial input mode.

Red: USB Disk input mode. When the red light is blinking (Quick flashing), there is a system error.
Please power cycle the device to resolve the issue.

Magenta: USB DAC input mode.

- Bluetooth TX mode:

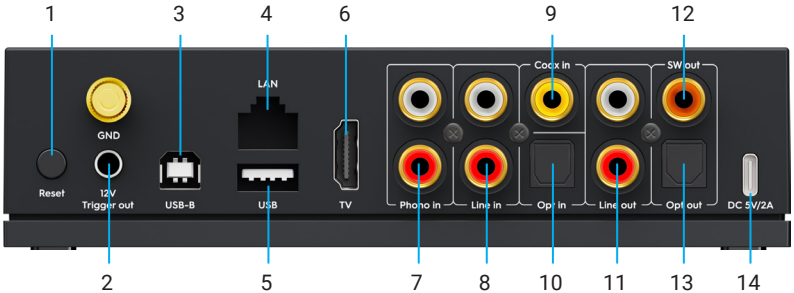
Waiting for Pairing: The input source light and blue light split evenly and flashing (Slow blinking).
Connecting: The light is scrolling from left to right
Connection successful: The input source light and solid blue light split evenly ex:

Bluetooth Broadcast mode:

Waiting for Pairing: The input source light and blue light split evenly and flashing (Slow blinking).
Broadcasting: The input source light and solid cyan light split evenly ex:

- Other Status:

Add Treble: The blue display bar increases to the right.
Reduce Treble: The blue display bar decreases to the left.
Add Mid: The green display bar increases to the right.
Reduce Mid: The green display bar decreases to the left.
Add Bass: The red display bar increases to the right.
Reduce Bass: The red display bar decreases to the left.
Add Volume: The white display bar increases to the right.
Reduce Volume: The white display bar decreases to the left.
Mute State: Flashing white volume bar.
Preset EQ: The white light position represents different preset EQ settings — Flat, Classic, Pop, Jazz, Rock, Vocal.



3.4. Reset Button

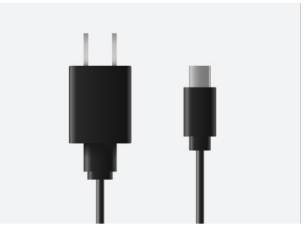
1. Reset Button
• Short Press Once:
a. When in source input mode, press once to enable Bluetooth transmitter connection and disconnect when connected.
b. When in Bluetooth mode, press once to activate the Bluetooth pairing mode. When Bluetooth is connected, press once to disable Bluetooth connection.
• Short Press Twice:
In any mode, press twice to activate WiFi paring mode.
• Press and hold:
Press and hold the button to do factory reset.

2. Tigger out: 12V trigger output connects to your amplifier or other device with a 12V trigger input.
3. USB-B in: For connection to PC to act as USB DAC.
4. LAN port: RJ45 wired connection to router.
5. USB port: To connect USB flash drive for music file playback.
6. TV eARC in: For connection to TV eARC/ARC port, support power and volume CEC control.
7. Phono in: For connection to turntable as phono amplifier. Connect with GND (Optional) to your turntable for better performance.
8. Line in: For connection to device with line output.
9. Coaxial in: For connection to device with coaxial output.
10. Optical in: For connection to device with optical output.
11. Line out: For connection to amplifier, active speaker or device with line input.
12. Subwoofer out: For connection to active subwoofer.
13. Optical out: For connection to soundbar, amplifier or device with optical input.
14. USB Type-C: 5V/2A DC input.

4. Connection Diagram

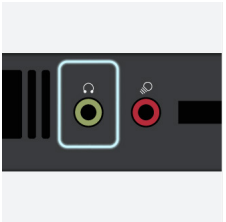
4.1. Connect to Power

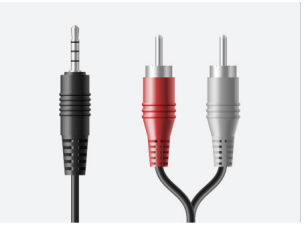
Please use the provided power adapter and cable to power up your LP100.

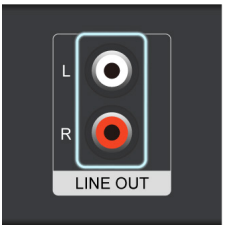


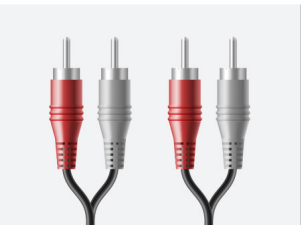
4.2. Line In

Connect from CD player, TV, computer any playback device with audio out/Line out/AUX out to Line in using an RCA cable.





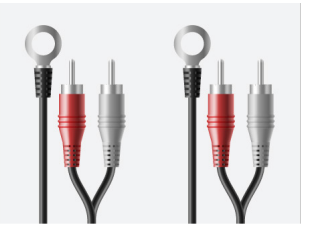




4.3. Phono In

Connect the turntable Audio out to the Phono in RCA connectors.
If your turntable has a GND socket, you can connect it to the GND socket on the device. This is optional.
If your turntable doesn't have GND socket, you can ignore it.

> Do not connect other device Line out to Phono in, it will create very loud voice and might damage the device and connected speakers.

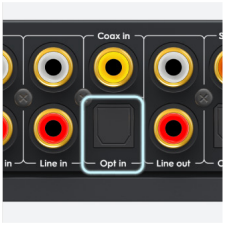


4.4. Coax In

Use coaxial cable to connect from your DVD player or other device with coaxial output.

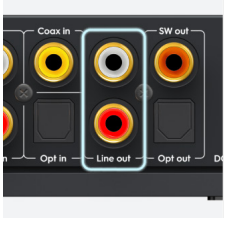
4.5. Optical In

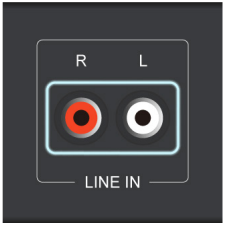
Connect from TV or any playback device with optical out to optical in using an optical cable.



4.6. Line Out

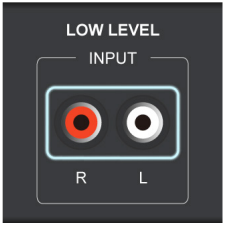
Use RCA cables to connect the device to your active speakers, amplifier or other device with line input.





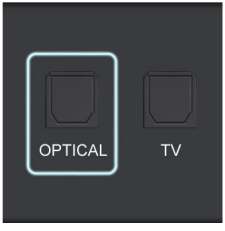
4.7. Subwoofer out

Use RCA cables to connect the device to your active subwoofer.



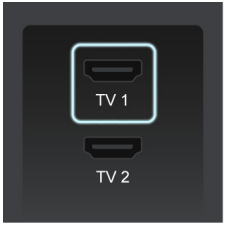
4.8. Optical Out

Use optical cable to connect the device to your soundbar, amplifier or other device with optical input.



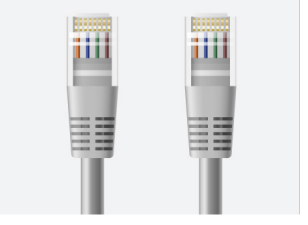
4.9. TV ARC/eARC Input

If your TV has an ARC/eARC port, there should be an 'ARC' or 'eARC' label beside it. Use an cable to connect it to the ARC/eARC port on the device. LP100 also supports CEC functionality, allowing you to use your TV remote to power on/off or adjust the volume for both your TV and LP100 simultaneously.



4.10. Lan Connection

Connect to your router directly for better network performance and stability.

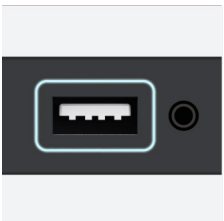


4.11. USB Disk Drive

Plug in USB disk drive to the USB Host to play music.

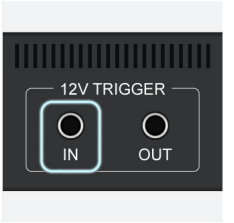
4.12. Connect to PC

Connect PC with provided USB-B cable for USB DAC PC audio.



4.13. 12V Trigger Out

Connect to your amplifier or other device with a 12V trigger input using a 3.5mm audio cable.



5. BLE Remote Controller

5.1. Pair Your Remote

*For the first time, if you haven't paired with any devices yet, pressing any key will start the pairing process.

1. Press and hold BT and ⊙ for more than 3 seconds, until the red light indicator start to blinking. The remote will scan the device nearby and pair with it.
2. If you have already paired the device, stay within a 10m range and press any key to reconnect to the previous device.
3. When the device indicator shows —, the pairing is successful.

5.2. LED Status

- Quick flashing: Searching.
- Slow flashing: Unconnected.
- Paired: Press any key to confirm. The red LED indicator will flash in response.
- Solid light then quick flashing 3 times: Low battery.

5.3. More Functions

Press and hold the keys below for 2 seconds to activate the functions.

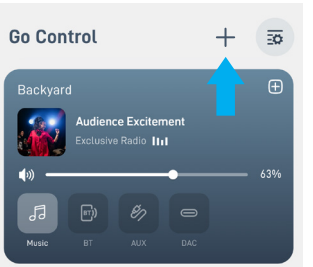
Key	Function
Power	Restore to factory settings
Volume +/-	Continue adding/decreasing volume
Preset EQ	Flat
Input switch	Pair to new network
Treble +/-	Reset treble
Bass +/-	Reset bass
BT	Activate Bluetooth broadcasting mode

6. Streaming Setup

6.1. WiFi Pairing

1. Power Up LP100.

2. The LP100 light indicator will breathe with white light. In this state, you can begin the pairing process.



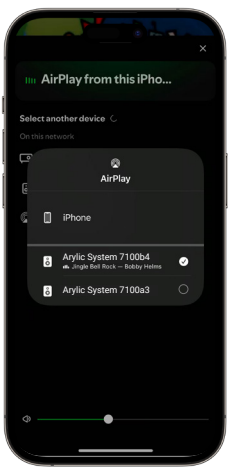
3. Download "GO CONTROL APP" and click "+" and follow the instructions to add the device.

6.2. AirPlay Configuration

If you're an Apple user, you can pair the LP100 with your iPhone, iPad, HomePod, HomePod mini, or Apple TV on the same network.

Play your favorite audio content, such as music or podcasts, on the LP100 and other AirPlay-compatible systems in any room—with a tap or by simply asking Siri. Play a song in the living room and kitchen at the same time, or adjust the volume in any room, all in perfect sync.

Works with
Apple AirPlay



6.3. Google Cast Multiroom Configuration

1. Make sure your playback device
is on the same network as your device.
2. Open your Google Home app.
3. Tap Settings >Devices, groups & rooms >Speaker groups >Create speaker group.
4. Tap each device that you want to add to the group. A check(V) will appear next to each selected device.
5. Tap next enter a name for your group tap save.
6. From any Google Cast supported app, you can find the Google Cast symbol, if it is on the same network as your device. Simply press the logo and choose the group name for multiroom streaming.

6.4. Spotify Connect

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

6.5. TIDAL Connect

1. Connect your device to your WiFi network.
2. Open up the TIDAL app on your phone, tablet using
the same WiFi network.
3. Select a song and select Devices Available.
4. Select your device and start listening.

6.6. Roon Ready

1. Connect your device to the same network as your Roon Server.
2. Open the Roon app on your phone, tablet, or the Roon software
on your laptop, using the same WiFi network.
3. Tap Settings > Audio, and enable the Roon Ready devices you
want to play with.
4. Tap System Output, select your device, and start listening.
5. Tap Group and choose the devices you want to add to the group for multiroom streaming.

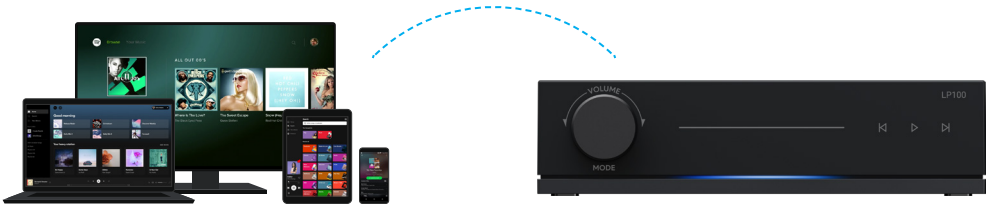
6.7. Lan Connection

Connect the LP100 directly to your router via an RJ45 LAN connection for better network performance and stability. We recommend using a LAN connection when setting up a group of over 10 devices.
For connection, please refer to 4.10 Lan Connection on Page 10.

7. Bluetooth Connection

7.1. Bluetooth Reception

When in Bluetooth receiver mode, the blue ambient light will scroll horizontally, which indicates it is waiting for connection. On your BT transmitter device (Mobile Phone, Pad, Laptop, TV) you can search for a Bluetooth device name “Arylic LP100 XXXX” (XXXX is the serial number) and connect to it.
Once connected, the blue ambient light will stay on which indicates the connection is successful and you can start playing music from the connected device and hear the sound coming out of the connected output device. The device will remember connected devices, it will auto connect to paired devices.

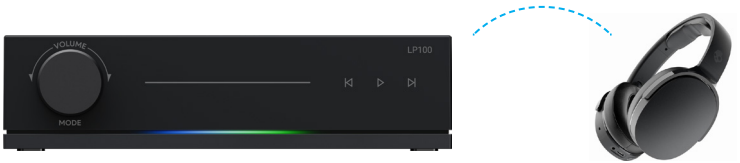


To disconnect the Bluetooth connection, quickly press the Reset button twice to disconnect the connection.

7.2. Bluetooth Transmission

To enable Bluetooth transmitter mode, once you are in one of the source input modes (WiFi, Line in, Phono in, Optical in, Coaxial in, TV ARC/eARC, USB disk drive, USB DAC) press the Reset button on the back or press the BT TX button on the remote controller to enable.
Once enabled, you will notice the LED will start flashing, the device will then search for nearby Bluetooth receiver device (Bluetooth Speakers, Headphones) and connect to it.

> Please note, some BT receiver device might need you to enter pairing mode first, some BT receiver device might need to press a connection button to establish the connection. Please refer to the device user manual or contact the seller for advice if needed.

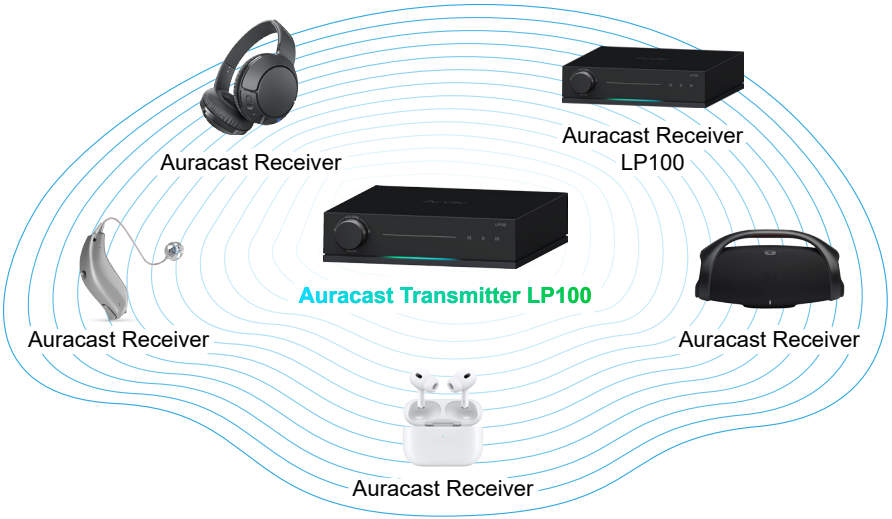


Once connected, the Bluetooth receiver device will output audio.
To disconnect the Bluetooth connection, quickly press the Reset button twice to disconnect the connection.

LP100 support transmitting to 1 Bluetooth speakers or Bluetooth headphones and 3 wired audio outputs (Line out, Optical out, Subwoofer out) at the same time.

*The delay may vary due to the devices you connect with.

8. Bluetooth Broadcasting (Auracast/LE Audio)



Start Auracast boardcast

1. Activating Auracast Mode:
In any mode except Auracast receiver mode, long-press the play/pause button to enable Auracast broadcasting mode.
The LED will display the current input source along with the broadcasting light (Cyan)
Audio from the current input source will be broadcast.
2. Deactivating Auracast Mode:
Long-press the play/pause button again to turn off Auracast broadcasting.
The Auracast (Cyan) LED will turn off.
3. Volume Control in Auracast Mode:
Bluetooth Mode: The broadcast device and receiver device volumes are synchronized. Ensure the receiver device volume is set to 100% to match the broadcast device's volume.
Other Modes: The broadcast and receiver devices have separate volume controls.

9. TV Setup

LP100 TV input supports transmitting high-quality audio from the TV's ARC and eARC output ports. For connection details, please refer to section 4.9. TV ARC/eARC Input on page 10.

1. Ensure that the TV audio output format is set to PCM, or there will be no sound output for ARC or optical input from TV.
2. LP100 supports CEC control for power on/off and volume adjustments, meaning you can use your TV remote to power on/off or adjust the volume for both your TV and LP100 wireless music streamers at the same time.

10. GO CONTROL APP

GO CONTROL APP is an app developed by Arylic team to control all Arylic devices. Download GO CONTROL APP.

GET IT ON Google Play

Download on the App Store

GO CONTROL

10.1. Restore To Factory Settings

> Do not turn off the power during restore factory settings, or the device will be damaged and Will not work anymore.

There are two ways to restore your LP100 wireless music streamer.

1. Press and hold the reset button behind to do factory reset.
2. Open GO CONTROL APP>Click the device you want to do factory reset>Click settings on the top right>Click restore to factory settings.

*Please note, all saved settings will be lost and returned to default settings.

10.2. Firmware Update

LP100 wireless music streamers support OTA firmware updates. This means you'll receive an update notification in the GO CONTROL APP when an update is available. Simply click Accept and follow the instructions to update your LP100 wireless music streamer.

> Do not turn off the power during the update process or the device will be damaged and will not work anymore.

11. Specification

Network			
Network Type	802.11 b/g/n/ac		
Frequency Range	2.4GHz, 5GHz		
Ethernet	RJ45 single 10/100M		
Streaming Protocols	Google Cast, AirPlay, TIDAL Connect, Spotify Connect		
Bluetooth			
Bluetooth Standard	V5.4		
Bluetooth Distance	15 m		
Transmit	Codec: SBC, AAC, aptX, aptX HD, aptX LL, aptX AD, LDAC, LC3 1x Bluetooth TX, able to connect up to 1 Bluetooth speaker or headphones		
Receive	Codec: SBC, AAC, aptX, aptX HD, aptX AD, LDAC, LC3 2x Bluetooth RX, able to connect up to 2 smartphones		
Broadcast	Auracast		
Broadcast Distance	10 m		
Audio Spec			
Sample Rate	192kHz/24bit	SNR	≥118 dB
THD+N	≤0.001 %	Crosstalk	≥80 dB
DAC	AKM4493EQ	ADC	AKM7735
Frequency Response	20Hz-20kHz±1 dB		
Audio I/O			
Audio Input	Line in	Analog RCA, Max 2 Vrms input	
	Phono in	Analog RCA, Support MM/MC, RIAA EQ Built in	
	Optical in	Up to 192kHz/24bit PCM only	
	Coaxial in	Up to 192kHz/24bit	
	TV in	PCM only, CEC function supported	
	USB Host	USB disk drive playback, support resume playback Storage format: Fat16, Fat32, exFAT, up to 128GB Support codec: mp3, wma, m4a, aac, flac	
	USB-B	USB DAC for PC connection, Sample rate: 44.1~192kHz	
Audio Output	Subwoofer out	Max 3 Vrms output, Crossover frequency: 250Hz	
	Line out	Max 2 Vrms output	
	Optical out	Up to 192kHz/24bit output	
General			
Power Input	USB Type-C Port 5V/2A	**Dimensions**	167x167x43.5 mm
Trigger Out	12 V	**Weight**	550 g
Touch Sensor Buttons	Previous, Play/Pause, Next	**Volume Knob**	Mode, Volume +/-
In The Box	Main Unit x1, BLE Remote Control x1, 5V/2A Power Adaptor x1, USB Type-C Power Cable x1, USB Type-A Data Cable x1, 2-2 RCA Cable x1, User's Manual x1		

12. Warranty & Service

If you encounter any quality problems, product issues, or have other service inquiries, please contact us via online chat or email. The Arylic team is always happy to assist you!

Contact Us

1. Purchase from Arylic Official Online Store:
   Online Chat: Monday to Friday, 9am. To 6pm.(HKT)
   Email: info@arylic.com, replied in one business day.

2. Purchase from Arylic Amazon Stores
   Amazon message: Monday to Friday, 9am. To 6pm.(HKT)
   Amazon: amazon@arylic.com, replied in one business day.

3. Purchase from Arylic resellers
   Please contact your seller directly for after-sale service.

12 Month warranty

30 Days Free Return

Smile Customer Support

www.arylic.com

@Arylic Audio

@arylic_audio

ARYLiC

13. Legal Notice

FCC Statement:

Federal Communication Commission (FCC) Radiation Exposure Statement.
When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.
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: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

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 residential installations. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harm 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.
• ncrease 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.
To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

Works with Apple AirPlay:
Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards.

Apple, AirPlay, Apple Logo, Apple Home, Apple TV, HomePod, HomePod mini, iPad, iPad Air, and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries and regions. App Store is a service mark of Apple inc., registered in the U.S. and other countries.
To use AirPlay with LP100 the latest version of iOS, iPadOS or macOS is recommended.

Google Cast:
Google Cast is a trademark of Google LLC.

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