



EARC-201

1-In-2-Out eARC Splitter

USER MANUAL

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Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating, or adjusting this product. Keep this manual for future reference.

Important Safety Note – Surge Protection Recommended

This product contains sensitive electronic components that may be damaged by electrical spikes, surges, lightning strikes, or static discharge. To protect and extend the service life of your equipment, we strongly recommend using a surge protection device.

Warranty Registration

Activate your warranty by registering your product at:

→ www.orei.com/register

Need Technical Support? We're Here to Help.

Our experienced Technical Support Team is available to answer your questions, offer expert advice, and help troubleshoot any issues to keep your project on track—on time and on budget.

Live Support Hours (US/Canada/Mexico):

🕒 Monday-Friday | 9:00 a.m. – 5:00 p.m. Central Time

Contact Us:

✉ Email: info@orei.com

📞 Phone: 877-290-5530

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Send us an instant message—our team typically responds within moments during live support hours.

Introduction

The EARC-201 is a high-performance ARC/eARC audio splitter designed to deliver premium multi-channel audio distribution. It allows the audio signal returned from a TV to be split and sent to two soundbars or other audio systems simultaneously, ensuring an immersive sound experience across multiple setups.

Supporting advanced audio formats such as LPCM, Dolby Digital/Plus/EX, Dolby TrueHD, Dolby Atmos, DTS, DTS-HD Master Audio, DTS:X, DSD, and more, the EARC-201 ensures compatibility with the latest surround sound technologies. For ARC connections, it supports PCM 2.0CH and Dolby/DTS 5.1CH.

In addition, the device supports CEC control, enabling users to adjust soundbar volume directly through the TV's remote. With its compact, plug-and-play design, the EARC-201 provides seamless integration into home entertainment systems while maintaining exceptional performance.

Features

1. **ARC/eARC Functionality** – Splits audio signals returned from TV to two soundbars or audio systems.
2. **eARC Audio Formats** – Supports LPCM, Dolby Digital/Plus/EX, Dolby TrueHD, Dolby Atmos, DTS, DTS-HD Master Audio, DTS:X, and DSD.
3. **ARC Audio Formats** – Compatible with PCM 2.0CH and Dolby/DTS 5.1CH.
4. **CEC Volume Control** – Allows volume adjustment of connected sound systems using the TV remote.
5. **Compact Design** – Slim and easy to install, ideal for flexible home AV setups.

Package Contents

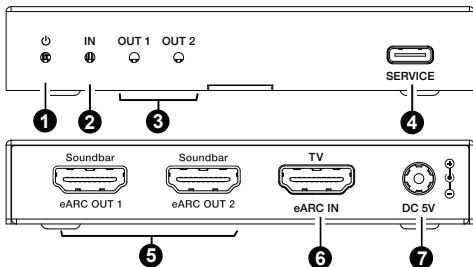
1.	EARC-201 Splitter	1 pcs
2.	Power Adapter	1 pcs
3.	User Manual	1 pcs

Specifications

Technical	
HDMI™ Compliance	HDMI™ 2.1/2.0
Audio Formats	eARC AUDIO: LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DTS:X, DSD ARC AUDIO: PCM 2.0CH/Dolby/DTS 5.1CH
Audio Latency	No Latency
Transmission Distance	More than 5m/16.4ft
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge), ±4kV (Contact discharge)
Connection	
Input	1 × eARC TV [HDMI™ Type A, 19-pin female]
Output	2 × eARC Soundbar [HDMI™ Type A, 19-pin female]
Control	1 × SERVICE [Type C, update port]

Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	L: 95mm / 3.74in W: 68mm / 2.67in H: 18mm / 0.70in
Weight	150g / 5.29oz
Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	1.06W (Max)
Operation Temperature	-10°C ~ 50°C / 14°F ~ 122°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Operating Humidity	20%-80% relative humidity, non-condensing
Storage Humidity	10%-90% relative humidity, non-condensing

Operation Controls and Functions



No.	Name	Function Description
1.	Power LED	The red LED will light up, when the device is powered on.
2.	IN LED	■ Light on: TV is connected and ARC/eARC function is working correctly. ■ Light flashing: TV is connected and ARC/eARC function is not working correctly. ■ Light off: TV is not connected or not detected.
3.	OUT LED (1-2)	■ Light on: Soundbar is connected and ARC/eARC function is working correctly. ■ Light flashing: Soundbar is connected and ARC/eARC function is not working correctly. ■ Light off: Soundbar is not connected or not detected.
4.	SERVICE	Firmware update port.

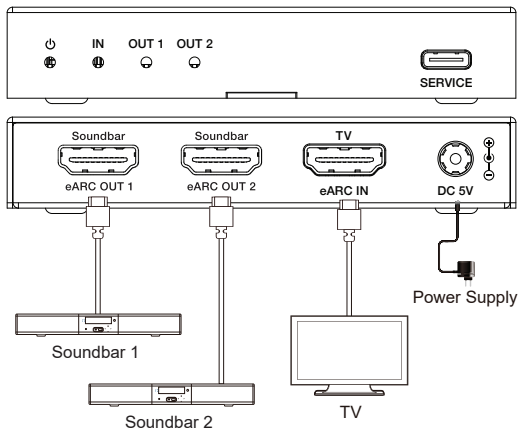
Operation Controls and Functions

No.	Name	Function Description
5.	eARC OUT (1~2)	Connect an ARC/eARC Soundbar or AVR.
6.	eARC IN	Connect an ARC/eARC TV.
7.	DC 5V	Connect the included power adapter.

Note:

1. When only one soundbar is connected, the TV's eARC audio signal is passed directly to that soundbar.
2. When two soundbars are connected, the EARC-201 automatically selects and transmits the lowest common audio format supported by both soundbars.

Application Example



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

1. No sound from either soundbar

- Make sure eARC is enabled in the TV settings.
- Try changing the audio format from the TV settings.
- Disconnect one of the soundbars and see if the other works.

2. Sound only plays from one soundbar

- Try changing the audio to a format that is supported by both the soundbars.
- Check if the LED on the front for that specific output is lighting up or not.

3. Audio cuts out intermittently

- Make sure you are using HDMI 2.1 cables under 15 feet.
- Try changing the audio format from the TV settings.
- Turn off all devices, unplug them for 30 seconds, then reconnect the TV first, followed by the splitter, and finally the soundbars.

4. Can I connect an ARC soundbar or an ARC TV?

- Yes, you can connect an ARC soundbar or an ARC TV but the audio formats would be limited to PCM 2.0CH and Dolby/DTS 5.1CH.

Still have some questions?

Please feel free to contact us at: info@orei.com. OR Fill out the form on the 'Contact Us' page on the website.

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