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› Lemorele LC20 Lightning to USB-C AR Glasses Adapter User Manual

Lemorele LC20

Lemorele LC20 Lightning to USB-C AR Glasses Adapter User Manual

Model: LC20

INTRODUCTION

Thank you for choosing the Lemorele LC20 Lightning to USB-C AR Glasses Adapter. This device allows you to connect your Lightning-enabled iPhone or iPad to various USB-C AR glasses and portable monitors, expanding your visual experience. Please read this manual carefully before use to ensure proper operation and to maximize the product's potential.

PRODUCT OVERVIEW

The Lemorele LC20 adapter is a compact and lightweight solution for extending your iPhone or iPad's display to AR glasses or USB-C monitors. It features a durable aluminum construction for efficient heat dissipation and portability.

Package Contents

- Lemorele LC20 Lightning to USB-C AR Glasses Adapter
- Lightning to USB-A Cable (100 cm)
- USB-A to USB-C Charging Cable (100 cm)
- User Manual

Note: A USB-C to USB-C cable for connecting to AR glasses is not included and must be purchased separately.

Key Features

- Enables video output from Lightning iPhones/iPads to USB-C AR glasses and monitors.
- Wide compatibility with various AR glasses (e.g., Xreal Air, VITURE, Rokid Air, TCL Nxtwear, RayNeo).
- Lightweight (approx. 22.7g) and compact design for portability.
- Constructed with aluminum for effective heat dissipation.

幅広い互換性



モバイルバッテリー



ACアダプター
(5V3A以上)



AR グラス



モバイルモニター



USB-C入力モニター



iPad



iPhone
(Lightning Port)

ご注意：Lightning端末の変換ケーブル&給電ケーブルが付属しています。
(ARグラス端末のC to Cケーブルを付属しません)

Image: The Lemorele LC20 adapter demonstrating its broad compatibility with various devices, including mobile batteries, AC adapters, AR glasses, mobile monitors, USB-C input monitors, iPads, and iPhones.



Image: The compact design of the Lemorele LC20 adapter and AR glasses, shown neatly stored in a carrying case, highlighting its portability.

SETUP INSTRUCTIONS

Follow these steps to connect your Lemorele LC20 adapter and begin using it:

接続手順

1

① 付属品の給電USB-A to USB-Cケーブルで本製品に給電します。

2

② 付属品のLightning to USB-Aケーブルでスマホ/タブレットと本製品のUSB-Aポートを接続します。

3

③ USB-C to Cケーブルを使用し、本製品のUSB-Cポート（側にCポートのみの端子）とARグラスを接続します。本ケーブルは付属していないため、ARグラス付属のケーブルまたは音声・動画伝送対応のUSB-Cケーブルをご使用ください。

⚠️ 注意: 付属の2本のケーブルは機能が異なり、混在して使用できません!

Image: A visual guide illustrating the three-step connection process for the Lemorele LC20 adapter.

- Power the Adapter:** Connect the included USB-A to USB-C charging cable to the adapter's USB-C power input port and then to a power source (e.g., AC adapter 5V3A or mobile battery).
- Connect iPhone/iPad:** Use the included Lightning to USB-A cable to connect your iPhone or iPad to the adapter's USB-A port.
- Connect AR Glasses/Monitor:** Use a separate USB-C to USB-C cable (not included) to connect your AR glasses or USB-C monitor to the adapter's USB-C output port.

Important Note: The two cables included with the product have different functions and should not be interchanged or used for purposes other than specified.

OPERATING INSTRUCTIONS

Once connected, your iPhone or iPad display will be mirrored to the connected AR glasses or USB-C monitor. No complex settings are required.

- **Mirroring Content:** The adapter automatically mirrors your iPhone/iPad screen to the connected display, allowing you to enjoy videos, games, and other content on a larger virtual screen.
- **Power Delivery:** The adapter also provides power to your iPhone/iPad while connected, ensuring uninterrupted usage.

iphoneとARグラス交換性付き

大画面でより没入感が高まる



Image: An iPhone connected to AR glasses through the LC20 adapter, showcasing the mirrored display for an immersive experience.

ipadとARグラス交換性付き

大画面でより没入感が高まる



Image: An iPad connected to AR glasses through the LC20 adapter, demonstrating the mirrored display for an enhanced viewing experience.

USB-Cポート入力モニター対応

小画面から大画面までただアダプター一つ



Image: An iPad connected to an external USB-C monitor using the LC20 adapter, illustrating its capability to extend the display to larger screens.

COMPATIBILITY

The Lemorele LC20 adapter offers broad compatibility with various devices:

Compatible AR Glasses / Smart Glasses

- Xreal Air (formerly Nreal Air)
- VITURE One

- Rokid Air max
- TCL Nxtwear s
- RayNeo
- Thunderbird AR
- GRAWOOW
- Goovis
- Other USB-C port compatible smart AR glasses and portable devices.

Compatible Apple Devices (Lightning Port)

- **iPhones:** iPhone 14, 13 series (Pro, Pro Max, mini), 12 series (Pro, Pro Max, mini), SE 2020, 11 series (Pro, Pro Max), XS Max, XS, XR, X, 8, 8 Plus.
- **iPads:** iPad 1/2/3/4/5/6/7/8/9, iPad mini 1/2/3/4/5/6, iPad Air, iPad Pro (models with Lightning port).



Image: A visual representation of the wide range of iPhone and iPad models compatible with the Lemoire LC20 adapter.

TROUBLESHOOTING

If you encounter any issues, please refer to the following common problems and solutions:

Q: Cannot connect or no signal.

A:

- Ensure all cables are securely connected to their respective ports.
- Restart your iPhone/iPad and the adapter.
- Verify that the power supply to the adapter is stable (e.g., using a 5V3A AC adapter).

Q: Android smartphone cannot connect.

A: This adapter is designed for iOS devices with Lightning ports. For Android devices, ensure your AR glasses are connected via Bluetooth and the audio output is set to "DP Audio" in your phone's settings. For XREAL products, press and hold the '+' button on the temple for approximately 3 seconds until you hear a confirmation sound. For other brands, consult their specific instruction manuals.

Q: Image stops during video playback.

A: Some video content, particularly from streaming services like Netflix or Amazon Prime Video, is protected by HDCP (High-bandwidth Digital Content Protection). Due to these restrictions, the content may not display correctly or at all when mirrored through the adapter. This is a content protection feature, not a product defect.

Q: Tablet cannot connect.

A: An unstable power supply can cause connection issues with tablets. Ensure you are using a stable 5V3A power adapter to supply power to the LC20 adapter.

Q: The device heats up during use.

A: The adapter is made of aluminum, which is designed to dissipate heat efficiently. It is normal for the device to become warm during operation. This does not indicate a malfunction.

よくある質問

Q: 接続できない/つながらない場合は

①【接続順序】画像を参照し、各ポートに正しく接続されているか確認してください。
② 正しく接続されている場合、iPhone/その他のデバイスの電源を切り、再起動します。
③ 再起動後も正常に認識されない場合は、本製品のすべてのケーブルを抜き、USB A-C給電→ARグラスと本製品の接続→最後にiPhone/その他のデバイスと本製品を接続する順番で再接続してください。

Q: 動画再生時に映像が停止する場合は

A: 現在、HDCPプロトコル対応の動画コンテンツ（NetflixやAmazon Prime Videoなどの有料サイト）の再生はサポートしておりません。これらのコンテンツを再生すると、画面が正常に表示されない場合があります。

Q: タブレットが接続できない場合は

A: 接続が不安定な可能性があります。5V2Aの電源アダプターに交換して、本製品に給電してください。

Q: Androidスマートフォンが接続できない場合は

A: Bluetooth設定を開き、本製品のBluetooth名（MiraAudio-xxxxxxx）に接続する必要があります。また、ARグラスの音声出力を「DPオーディオ」に切り替える設定が必要です。

・XREALブランドをご利用の場合：右側のテンブルにございます「+」ボタンを3秒ほど長押し頂き、切替完了の音声が鳴ることをご確認ください。

・他ブランドのグラスをご利用の場合：お手数ですが、各製品の取扱説明書またはメーカーサポートにて切替方法をご確認くださいませ。

Q: 本体発熱については

A: 放熱性を高めるため、製品の外装にはアルミニウム合金を採用しております。発熱は通常の現象ですので、ご安心ください。

Image: A visual summary of frequently asked questions and their solutions for the adapter.

SPECIFICATIONS

Model	LC20
Brand	Lemorele
Input Port	USB-C (for AR glasses/monitor)
Output Port	Lightning (for iPhone/iPad)
Power Input	USB-C (requires 5V3A power adapter)
Compatible OS	iOS
Adapter Dimensions	Approx. 4.8 cm x 4.5 cm
Adapter Weight	Approx. 22.7 g
Package Size	11.9 x 10.7 x 2.9 cm
Package Weight	90 g



Image: The Lemoale LC20 adapter with its physical dimensions and the two included 100 cm cables (Lightning to USB-A and USB-A to USB-C charging cable).

MAINTENANCE

To ensure the longevity and optimal performance of your Lemoale LC20 adapter, please follow these maintenance guidelines:

- Keep the adapter clean by wiping it with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid bending or stressing the cables excessively, as this can damage the internal wires.

- Do not attempt to disassemble or repair the adapter yourself. This will void the warranty and may cause damage.

WARRANTY AND SUPPORT

The Leforele LC20 Lightning to USB-C AR Glasses Adapter comes with a 1-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

If you have any questions, concerns, or require technical assistance, please contact Leforele customer service. You can typically find contact information on the product packaging or through the retailer where you purchased the product. Please provide your product model (LC20) and purchase details when contacting support.

For inquiries regarding compatibility or specific issues, you may also refer to the "Seller: Leforele-LSJB-JP" section on the product page and use the "Ask a question" feature.