

Smart Glasses
MOVERIO
BT-30C

User's Guide

This product is only for USB Type-C DisplayPort Alternate Mode.
Use of a USB distributor or a conversion cable cannot be guaranteed.

Information on the Moverio Website
Provides technical information.
<https://tech.moverio.epson.com/en/bt-30c/>



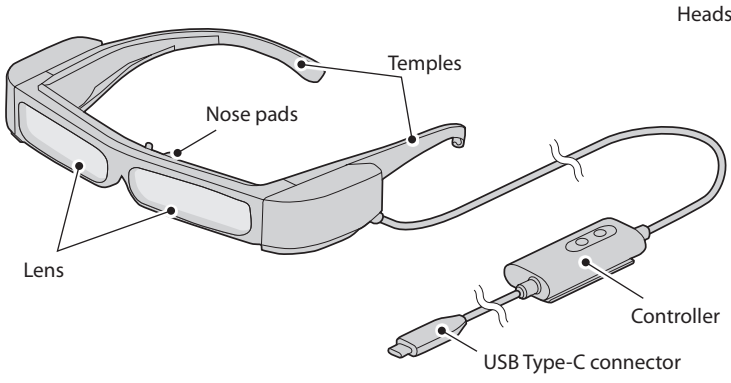
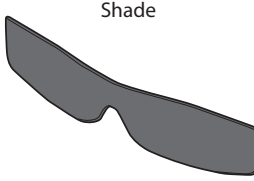
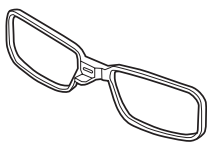
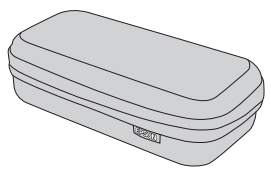
Make sure you read the "Safety Instructions" sheet before use.

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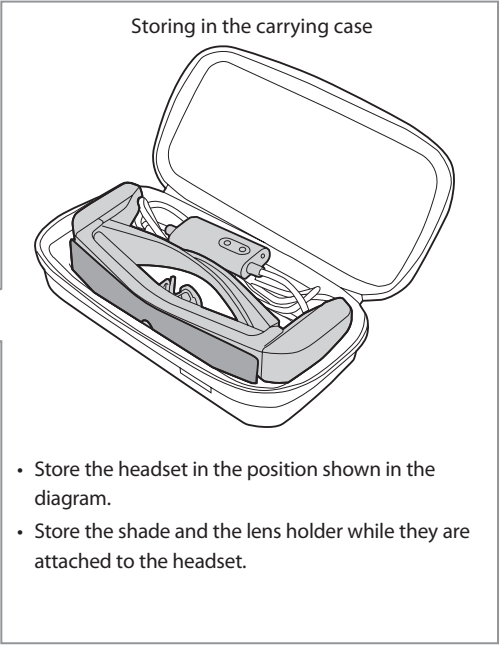
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Included Items



- This product is powered using the battery in your smart device. Make sure that the smart device is sufficiently charged before use.
- You need to provide your own smart device.



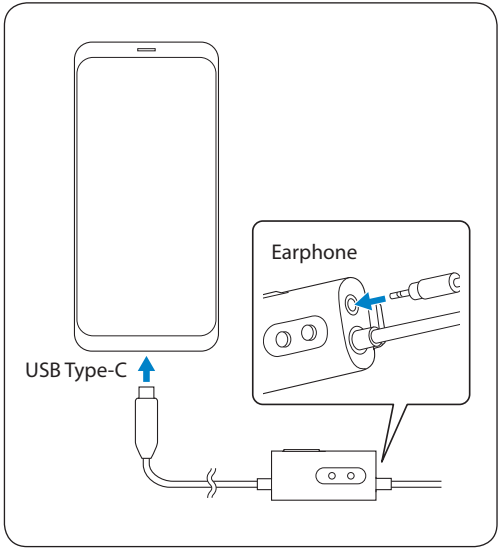
- Store the headset in the position shown in the diagram.
- Store the shade and the lens holder while they are attached to the headset.

Watching Movies

1

While the movie is playing on your smart device, connect the headset cable to the smart device.
Connect commercially available earphones to the earphone jack on the controller.

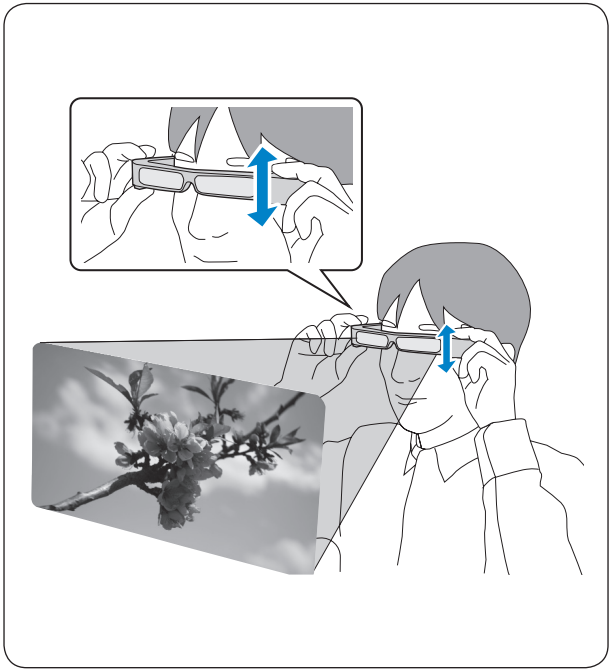
- Connect a smart device that supports USB Type-C DisplayPort Alternate Mode.
- We recommend using earphones that comply with CTIA standards. Also, when using 3-pin earphones, the microphone function does not work. You may hear some noise when connecting or disconnecting the earphones or USB Type-C connector during content playback, so be sure to take off your earphones first.
- Depending on the smart device and the app being used, phone calls may be audible from the smart device even if earphones are connected. We recommend checking in advance what happens when you receive a phone call while watching a video.



2

Put on the headset and earphones, and then adjust the position of the headset so that you can see the image.

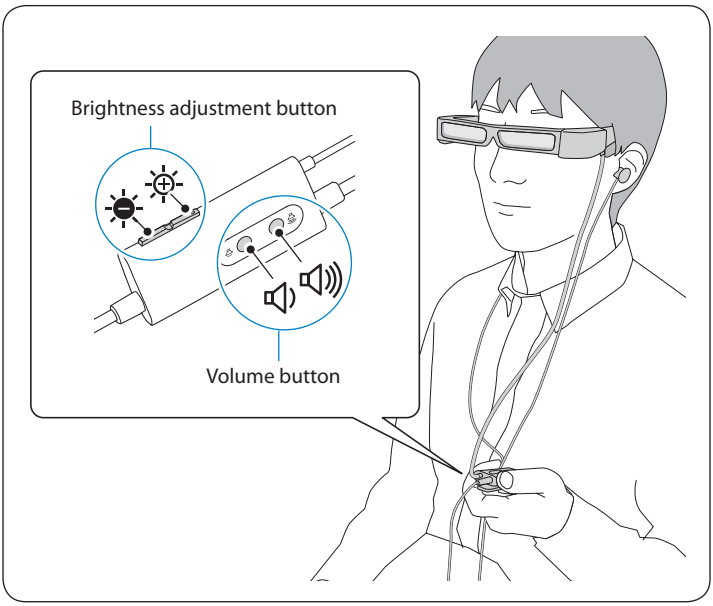
- ! Do not apply excessive force when opening the temples.
- Turn the screen of your smart device sideways to display the image at full screen size.
- How an image is perceived varies depending on the individual.
- Check the following points if you cannot see the image.
 - Cables are connected correctly.
 - Your smart device supports video output in USB Type-C DisplayPort Alternate Mode.
 - The smart device is on, not in sleep mode.
 - The case of the smart device is not obstructing the USB Type-C port.



3

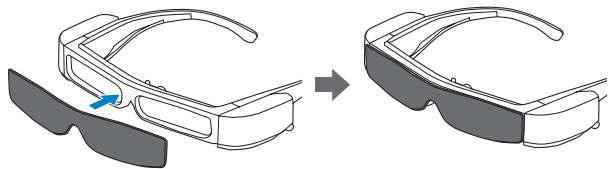
Adjust the brightness of the screen and the volume.

- ! You can clip the controller to your clothes using the clip on the back. Note that some clothes may be damaged by the clip.
- Even if you adjust the brightness on your smart device, this will not be applied to the image. Use the controller to make adjustments.
- If you cannot hear the audio, check the volume of the smart device.



Difficult to View the Screen in Bright Surroundings

You can view the screen easily by attaching the shade supplied. The shade is magnetic and can be attached easily.

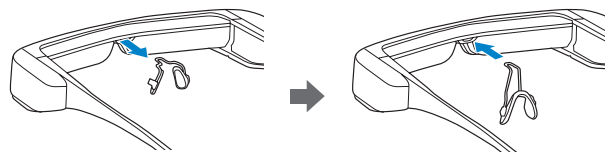


When Wearing over Glasses

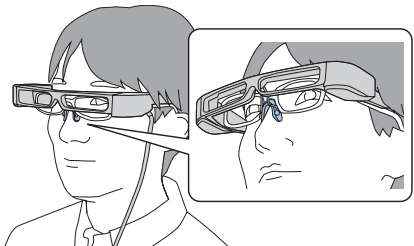
By replacing the nose pads with the one supplied for glasses, you can wear the headset over glasses. (The headset can only be worn over glasses that are approximately 145 mm [5.71 inches] wide.)

- ! Make sure that you do not damage the glasses and the headset when wearing.
- You may not be able to wear the headset over the glasses depending on the shape of your glasses.

Remove the nose pads, and then attach the nose pads for glasses.



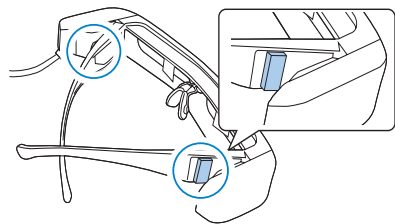
The nose pads for glasses is worn on the nose from over the glasses.



If the Headset Does Not Fit Correctly

If the headset is loose and does not fit correctly, you can narrow the width at the temples of the headset by using the temple adjustment pads supplied.

Fold in the arms of the headset, and then stick the temple adjustment pads to the outside of the temple section.



When Attaching the Lens to the Headset

You can use the lens holder supplied to easily wear the headset over your glasses.

Have lenses inserted into the lens holder by your local optician, and then attach it to the headset. (The cost of the lenses must be borne by the customer. Depending on the optician, they may not be able to provide this service.)

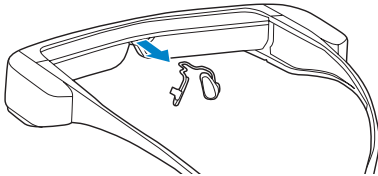
Lens holder adaptable lenses

Lens (W × H)	50 × 24 mm (1.97 × 0.94 inches)
Nose width	20 mm (0.79 inch)
Frame PD	70 mm (2.76 inches)
Curve	4

You may not be able to see images correctly if you use special lenses such as colored lenses, mirrored lenses, or polarized lenses.

1 Remove the nose pads from the headset.

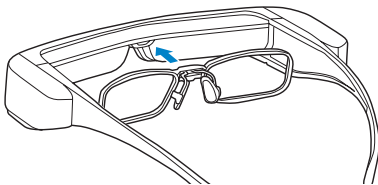
! Grip the metal section of the nose pads between your fingertips, and pull it straight in the direction shown by the arrow. Do not grip it by the silicon section as this can easily be ripped.



2 Attach the nose pads to the lens holder.

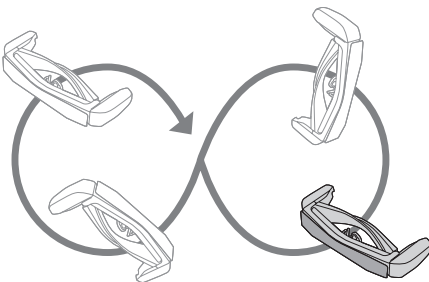


3 Attach the lens holder to the headset.



When the accuracy of the headset's sensor is low

If the geomagnetic sensor is not operating correctly, wave the headset in a figure 8 shape while a smart device is connected to calibrate the sensor.



Introducing MOVERIO Link

The MOVERIO Link is an app for Android devices. The following outlines the main features.

- Display and adjust the screen brightness and volume level
- Screen lock for smart devices (preventing accidental operations)
- Switch between 2D and 3D (the supported 3D format is the side-by-side format)

Download MOVERIO Link from Google Play.

Product Specifications

Model Number	BT-30C (H962A)
Display format	Si-OLED
Panel size	0.43" wide panel (16:9)
Resolution	1280 × 720
Angle of view	Approximately 23 degrees (diagonally)
Virtual screen size	40" support (virtual viewing distance 2.5 m [8.2 feet])
Color reproduction	24 bit color (approximately 16,770,000 colors)
Connectors	4 pin mini jack (earphones with microphone complying with the CTIA standard)* ¹ , USB Type-C
Operating temperature	5 to 35°C (41 to 95°F) humidity 20 to 80% (no condensation)
Storage temperature	-10 to 60°C (14 to 140°F) humidity 10 to 90% (no condensation)
Exterior dimensions (W × D × H)	Headset: 195 × 174 × 40 mm (7.7 × 6.9 × 1.6 inches) without the shade Controller: 29 × 62 × 20 mm (1.1 × 2.4 × 0.8 inches)
Mass	Approx. 151 g (5.3 ounces) Without the controller, shade, or cables: Approx. 95 g (3.4 ounces)
Earphone output	Max. voltage 150 mVrms or less Voltage with broadband characteristics 75 mVrms or more
Sensors	geomagnetic sensor/accelerometer sensor/gyroscopic sensor

*1 Restrictions in operation may occur, such as buttons not operating, when using an adapted plug.

Video Input

USB Type-C	Video interface	DisplayPort Alternate Mode (DP Alt Mode)
	Resolution (frame rate)	1080p(30Hz), 720p (30Hz)
	EDID	Supported
	HDCP	Supported

Data Communication

USB Type-C	USB protocol	USB 2.0
Supported operating systems	Windows	Windows 10 or later
	Android	Android 8 or later

Power

USB Type-C		USB Type-C Current @ 1.5 A
Electricity consumption	Rated power consumption	4.5 W
	Rated voltage/Rated current	5.0 V/0.9 A

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