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Introduction

This user guide covers optional accessories compatible with Canon cameras. It provides information about how to use the accessories, their compatibility and specifications. Be sure to read this information in addition to the supplied instruction manuals to use the products correctly.

Before Using the Accessories

- Unless specified otherwise, power to the accessories is supplied by the camera.
- Your camera may not support all the camera features and functions described in this guide. Refer also to the instruction manual of the camera being used.
- Some of the accessories and tools mentioned in this guide may be supplied with some camera models. Check the list of supplied accessories in the instruction manual of the camera being used.
If an accessory/tool is not supplied with the camera or with the product being explained, please use an optional accessory or commercially available product.



- Be careful not to drop the camera or accessories when attaching, removing or adjusting the various accessories. Use a table or other stable surface.
- Do not connect/attach accessories to cameras and devices that are not compatible with them.

■ Conventions in this Document

- ! Important precautions related to the product's operation.
- Additional information that complements the basic operation procedures.
- Reference page number in this document.
- "Camera" refers to a compatible Canon camera or camcorder (4).
- This is a multilingual document. You can click on the language code on any page to return to the beginning of the guide (Table of Contents) in that language.

EN

The information in this document is verified as of January 2024. Subject to change without previous notice.

Accessories and Compatible Cameras Mentioned in this User Guide

The following table lists the main accessories that extend the camera's functionality.

Accessory	XF705	XF605	XA75 / XA70	XA65 / XA60	XA55 / XA50	XA45 / XA40	Book
Communications							
GP-E2 GPS Receiver	●	●	●	●	●	●	5
Added Functionality and Lens Compatibility							
RC-V100 Remote Controller	●	●	●	●	●	●	⁻¹
RC-IP100 / RC-IP1000 Remote Camera Controller ²		●					⁻¹
WL-D89 Wireless Controller					●		⁻¹
WL-D6000 Wireless Controller	●						⁻¹
TL-H58 / TL-U58 Tele-converter	TL-U58	TL-U58	TL-U58	TL-H58	TL-U58	TL-H58	7
WA-H58 / WA-U58 Wide Attachment	WA-U58	WA-U58	WA-U58	WA-H58	WA-U58	WA-H58	9
Shooting Styles and Configuration							
HDU-1 / HDU-3 Handle Unit					HDU-3	HDU-1	12

¹ For details see the instruction manual of the camera and the accessory in use.

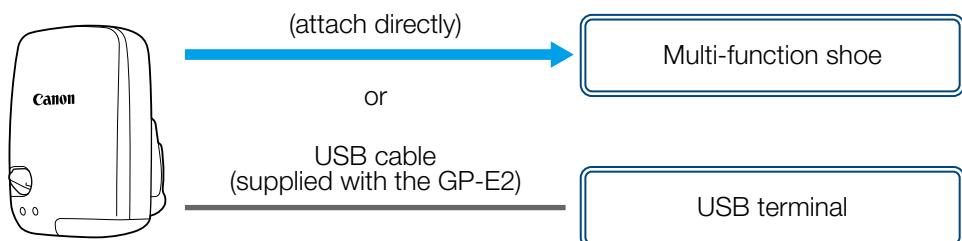
² This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Communications

GP-E2 GPS Receiver

Connect the GPS receiver to the camera's multi-function shoe or USB terminal in CAMERA (shooting) mode to have the GPS information (latitude, longitude, altitude) recorded with the metadata of clips and photos. If you connect the receiver to the camera's USB terminal, while recording, it is recommended to place the receiver in the supplied carrying case and attach it to the camera's grip belt or carry it on your person. An AA battery is required to use the GP-E2.

For details about attaching and configuring the receiver, refer to the GP-E2's instruction manual.



When using a camera with a Type-C USB terminal, an IFC-40AB III or IFC-150AB III Interface Cable (sold separately) is required. Depending on the camera, it may be necessary to adjust the USB terminal settings. For details, refer to the instruction manual of the camera being used.

■ Recorded Information

Recording format		GPS information (latitude, longitude, altitude)	Coordinated universal time (UTC)
Clips	MP4	●	●
	XF-AVC*	●	—
Photos		●	●

* You can use the GPS information to search and organize clips using Canon XF Utility.

Connecting and Activating the GPS Receiver

1. Turn off the receiver.
2. Connect the receiver to the camera.
 - Use the camera's multi-function shoe, the USB cable supplied with the GP-E2 or an optional interface cable.
3. Turn on the receiver.
 - The GPS function is activated. The  icon appears on the screen and will flash as the receiver tries to acquire satellite signals.
 - When satellite signals are correctly acquired, the icon will stay continuously on. Clips and photos recorded after that will be geotagged.



- Do not connect the GP-E2 to the camera's multi-function shoe and the USB terminal at the same time.
- In certain countries/regions, the use of GPS may be restricted. Be sure to use the GPS receiver in accordance with local laws and regulations of the country/region where the receiver is used. Be particularly careful when traveling outside of your home country.
- Be careful about using GPS functions where the operation of electronic devices is restricted.
- The GPS information recorded with clips and photos may contain data that can lead others to locate or identify you. Be careful when sharing geotagged recordings with others or when uploading them to the Web.
- Do not leave the receiver near strong electromagnetic fields such as near powerful magnets and motors.



- The GPS information recorded with clips corresponds to the location at the start of the recording.
- You can have the camera's date and time settings adjusted automatically according to the information received from the GPS signal. See the [System Setup] menu settings' table in the instruction manual of the camera being used.
- Initial GPS signal reception will take longer after replacing the receiver's battery or when first turning on the receiver after a prolonged period of having been turned off.
- Do not place cables connected to the camera's terminals near the receiver. Doing so may negatively affect the GPS signal.
- Cameras with status screens only: You can check the GPS information being received and the satellite's signal strength on the status screens. For details see the instruction manual of the camera being used.
- The camera is not compatible with the following receiver functions.
 - The [Set now] option for the automatic date adjustment function
 - Digital compass function
 - Positioning interval function

Added Functionality and Lens Compatibility

TL-H58 / TL-U58 Tele-converter

Using the TL-H58/TL-U58 Tele-converter with a Canon camera increases the focal length of the camera lens by a factor of approximately 1.5. Depending on the camera, the image stabilization method and the minimum object distance may change. For details about the various functions, refer to the instruction manual of the camera being used.

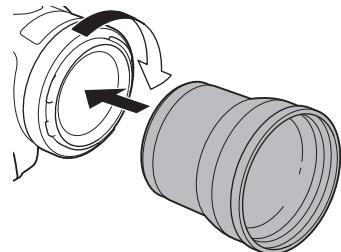
Supplied Accessories

- Soft case
- Lens cap
- Dust cap

Attaching a Tele-converter to the Camera

This section explains how to attach a tele-converter to the camera, using the TL-U58 as an example. You can attach the TL-H58 following the same steps.

Screw the Tele-converter fully into the lens filter thread.

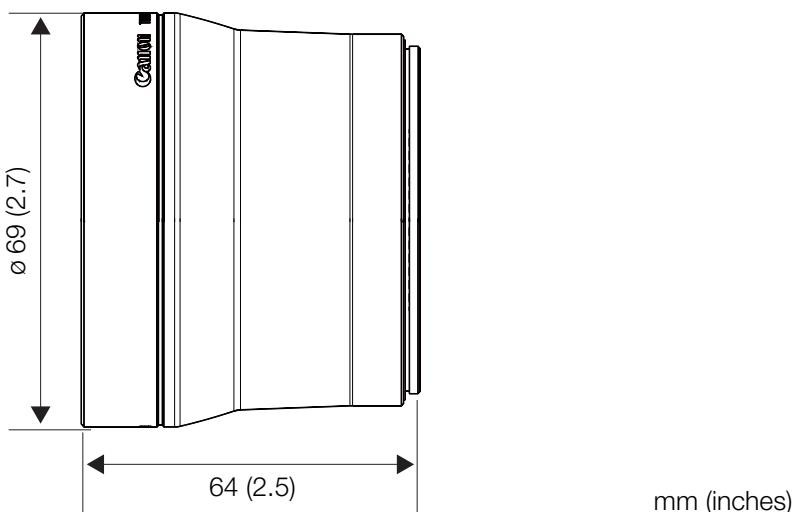


- Do not point the lens at the sun when the tele-converter is attached to the camera. This may damage the camera.
- Other filters and the camera's lens hood cannot be used together with the tele-converter.
- Use a tripod to prevent motion blur.
- Clean the surfaces of the tele-converter and the camera's lens before use. Otherwise, the camera may focus incorrectly on dust particles or other matter on the lens surfaces.
- Using the tele-converter may obstruct the front tally lamp*, reduce the effective range of the wireless controller or cause a shadow to appear when recording using an optional video light*.
* Not all camera models feature a tally lamp or are compatible with optional video lights.
- When recording at full wide-angle (**W**) with the tele-converter attached, depending on the camera model, the frame of the lens may appear around the outer edge of the picture.
- Take care when handling the tele-converter, to avoid smudging and fingerprints.
- Do not store the tele-converter in a humid place. It may mold.
- We recommend you attach the tele-converter to the camera before adjusting the white balance.

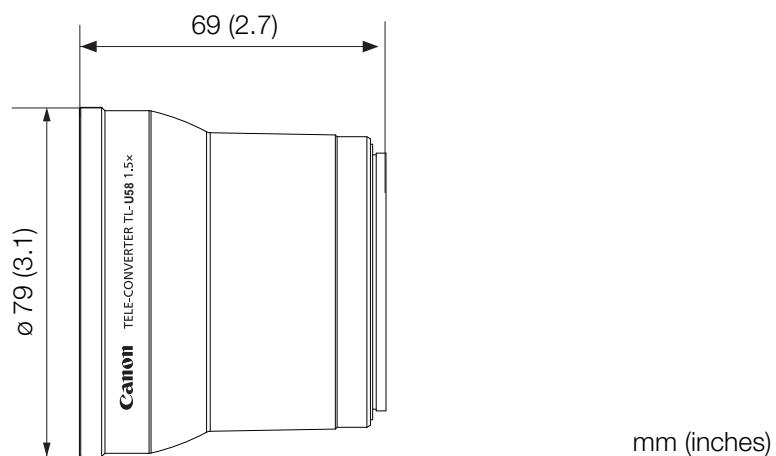
Specifications

	Tele-converter	
	TL-H58	TL-U58
Magnification	1.5×	1.5×
Lens construction	5 elements in 3 groups	5 elements in 3 groups
Filter diameter	58 mm	58 mm
Dimensions	Ø 69 × 64 mm (length) (2.7 × 2.5 in.)	Ø 79 × 69 mm (length) (3.1 × 2.7 in.)
Weight	Approx. 273 g (9.6 oz.)	Approx. 350 g (12.3 oz.)

■ TL-H58 Detailed Measurements



■ TL-U58 Detailed Measurements



WA-H58 / WA-U58 Wide Attachment

The WA-H58/WA-U58 Wide Attachment allows you to record movies and take photos covering a wider angle of view. Depending on the camera, the image stabilization method and the minimum object distance may change. For details about the various functions, refer to the instruction manual of the camera being used.

Supplied Accessories

- Soft case
- Lens cap
- Dust cap
- Hood

Attaching a Wide Attachment to the Camera

This section explains how to attach a wide attachment to the camera, using the WA-U58 as an example. You can attach the WA-H58 following the same steps.

1. Remove the lens hood supplied with the camera and screw the wide attachment fully into the lens filter thread (①).
2. Attach the hood supplied with the wide attachment to the front of the wide attachment and tighten the locking screw (②).
 - Attach the hood straight, paying attention not to warp it. If the hood is bent out of shape, its shadow may appear in the picture.

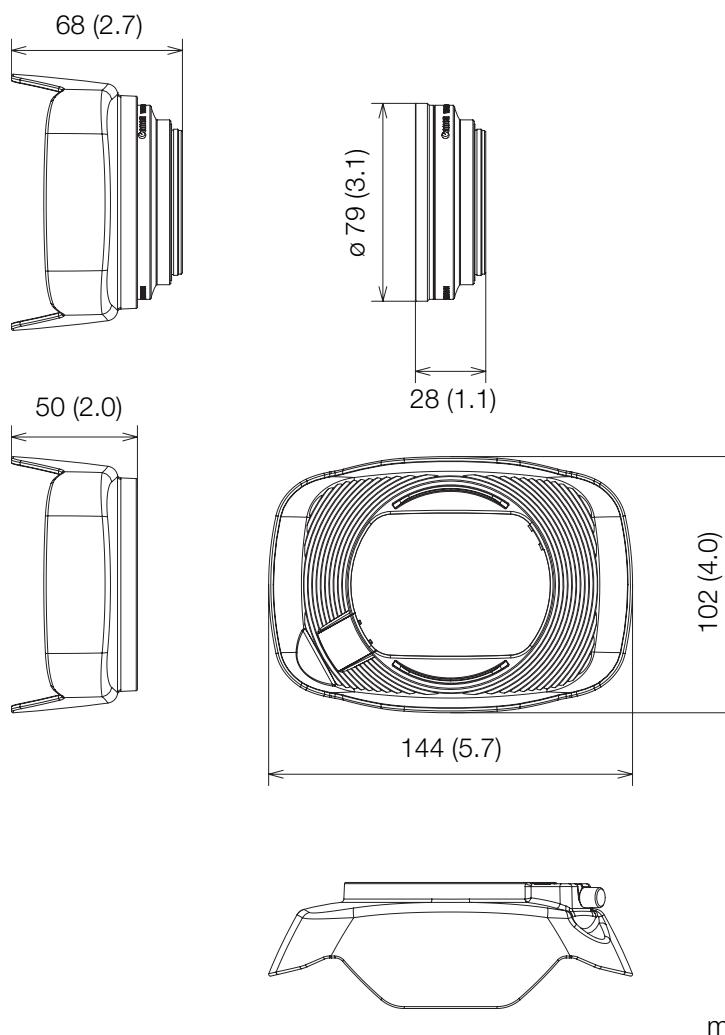


- Using the wide attachment, the outer periphery of the image may appear warped.
- Other filters and the camera's lens hood cannot be used together with the wide attachment.
- Clean the surfaces of the wide attachment and the camera's lens before use. Otherwise, the camera may focus incorrectly on dust particles or other matter on the lens surfaces.
- Using the wide attachment may obstruct the front tally lamp*, reduce the effective range of the wireless controller or cause a shadow to appear when recording using an optional video light*.
 - * Not all camera models feature a tally lamp or are compatible with optional video lights.
- Take care when handling the wide attachment to avoid smudging and fingerprints.
- Make sure to attach the lens cap when storing the wide attachment.
- Do not store the wide attachment in a humid place. It may mold.
- When adjusting the white balance, it is recommended to attach the wide attachment to the camera first and then adjust the white balance.

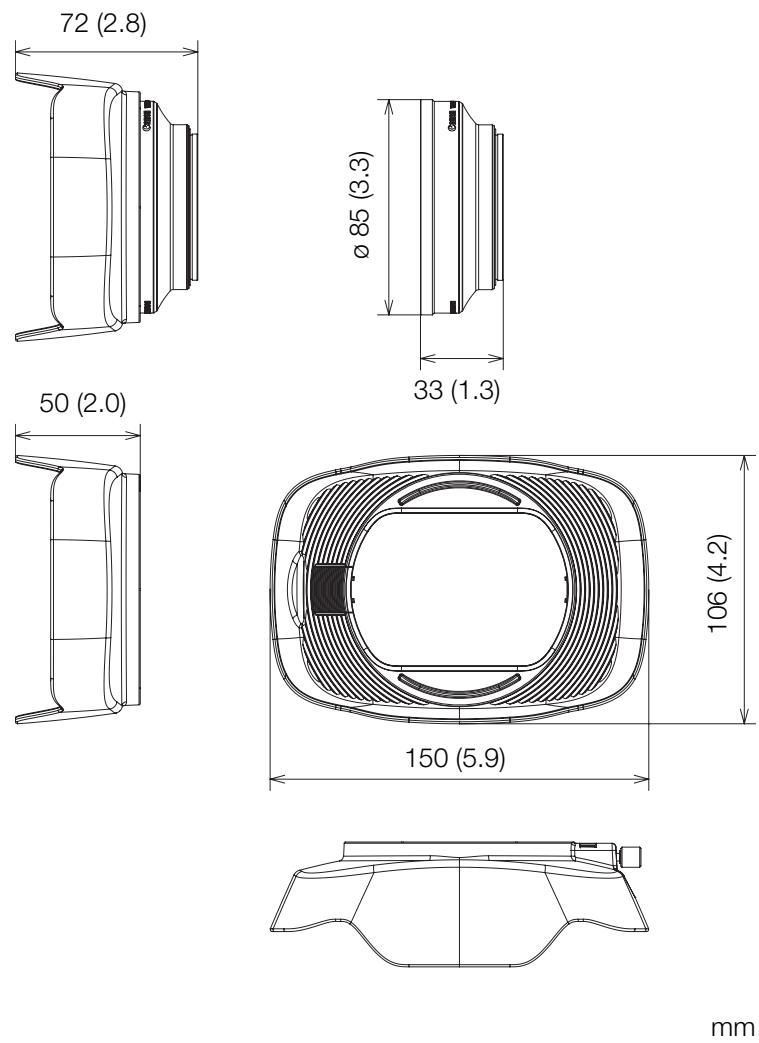
Specifications

Wide Attachment		
	WA-H58	WA-U58
Magnification	Approx. 0.75x	Approx. 0.8x
Lens construction	2 elements in 2 groups	2 elements in 2 groups
Filter diameter	58 mm	58 mm
Dimensions	Ø 79 × 28 mm (length) (3.1 × 1.1 in.) (without the hood) 144 × 102 × 68 mm (W × H × D) (5.7 × 4.0 × 2.7 in.) (with the hood attached)	Ø 85 × 33 mm (length) (3.3 × 1.3 in.) (without the hood) 150 × 106 × 72 mm (W × H × D) (5.9 × 4.2 × 2.8 in.) (with the hood attached)
Weight	260 g (9.2 oz.) (without the hood) 310 g (10.9 oz.) (with the hood attached)	325 g (11.5 oz.) (without the hood) 380 g (13.4 oz.) (with the hood attached)

■ WA-H58 Detailed Measurements



■ WA-U58 Detailed Measurements



Shooting Styles and Configuration

HDU-1 / HDU-3 Handle Unit

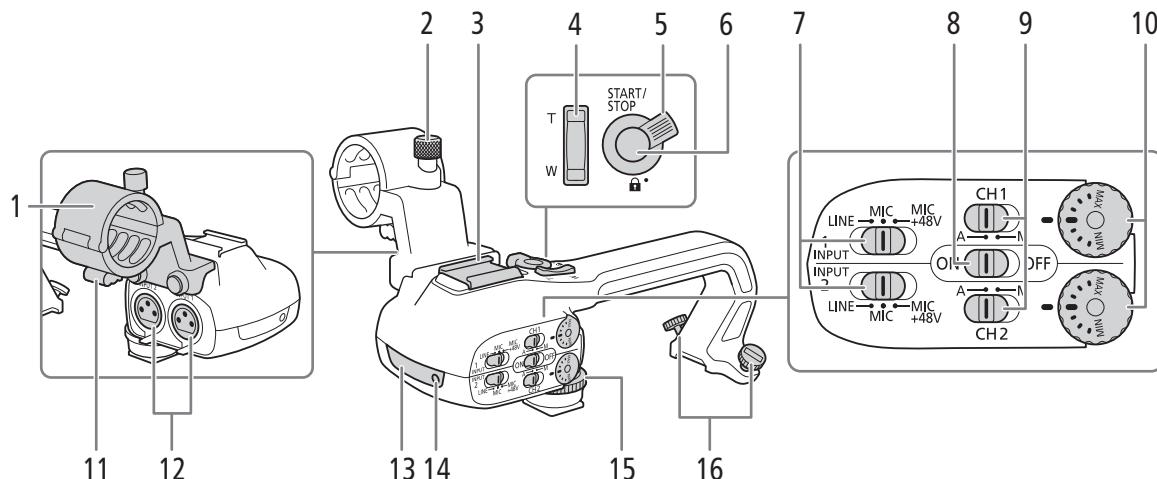
By connecting the handle unit to the camera, you can use the INPUT terminal, the infrared light and the tally lamp.

For details on how to attach and use the handle unit, see the instruction manual of the camera being used.



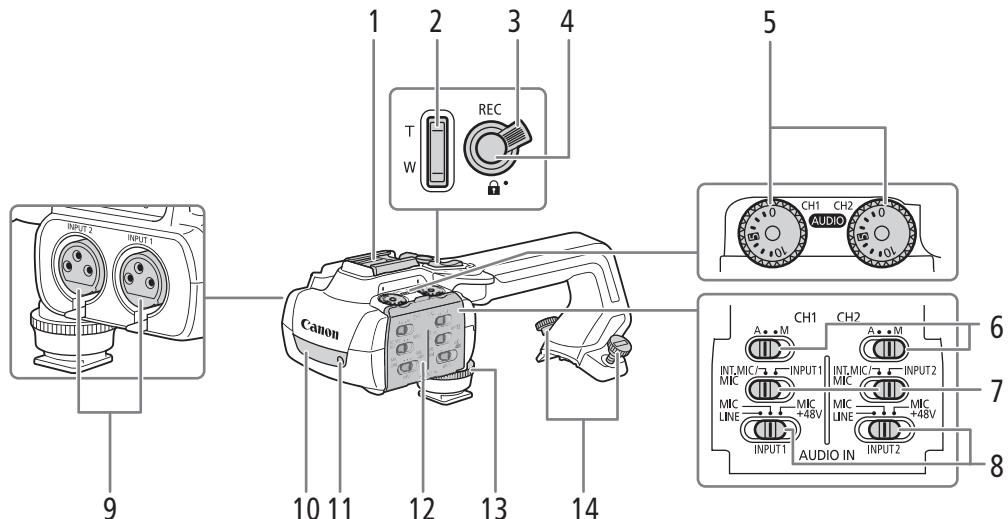
Names of Parts

■ HDU-1



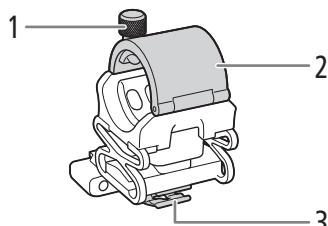
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|--|--|
| 1 Microphone holder unit | 9 Audio level switches for CH1 and CH2 |
| 2 Microphone lock screw | 10 Audio level dials for CH1 and CH2 |
| 3 Accessory shoe | 11 Microphone cable clamp |
| 4 Handle zoom rocker | 12 INPUT 1 and INPUT 2 terminals |
| 5 START/STOP lock (🔒) lever | 13 Infrared light |
| 6 START/STOP button | 14 Tally lamp |
| 7 Sensitivity selection switches for INPUT 1 and INPUT 2 | 15 Handle unit front screw |
| 8 INPUT terminal ON/OFF switch | 16 Handle unit rear screws |

■ HDU-3



- | | | | |
|---|---|----|---|
| 1 | Cold shoe | 8 | INPUT 1 (left) / INPUT 2 (right) switches
(audio source selection) |
| 2 | Handle zoom rocker | 9 | INPUT terminals: INPUT 1 (right), INPUT 2 (left) |
| 3 | REC button's lock (🔒) lever | 10 | Infrared light |
| 4 | REC (start/stop recording video) button | 11 | Tally lamp |
| 5 | Audio level dials: for CH1 (left) and CH2 (right) | 12 | Audio controls cover |
| 6 | Audio level switches: for CH1 (left) and CH2 (right) | 13 | Handle unit front screw |
| 7 | AUDIO IN switches (audio input selection): for CH1 (left) and CH2 (right) | 14 | Handle unit rear screws |

Microphone Holder Unit (supplied with the HDU-3)



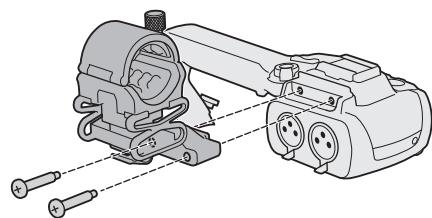
- | | |
|---|------------------------|
| 1 | Microphone lock screw |
| 2 | Microphone holder |
| 3 | Microphone cable clamp |

Attaching the Handle Unit

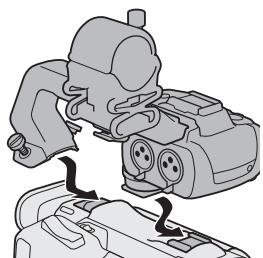
This section explains how to attach a handle-unit to the camera, using the HDU-3 as an example. You can attach the HDU-1 following the same steps.

1. Turn off the camera.
2. Attach the microphone holder unit to the handle unit.

- Use a commercially available Phillips head ("crosshead") screwdriver and the two supplied screws.

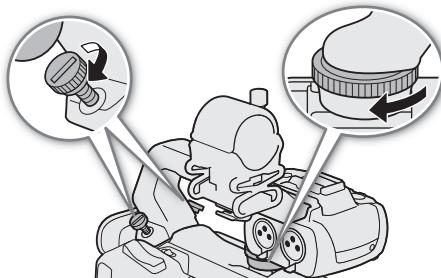


3. Align the handle unit with the handle attachment unit and then slide the handle unit forward all the way.



4. Firmly tighten the front and rear screws.

- To tighten the rear screws you can use a coin or similar object.

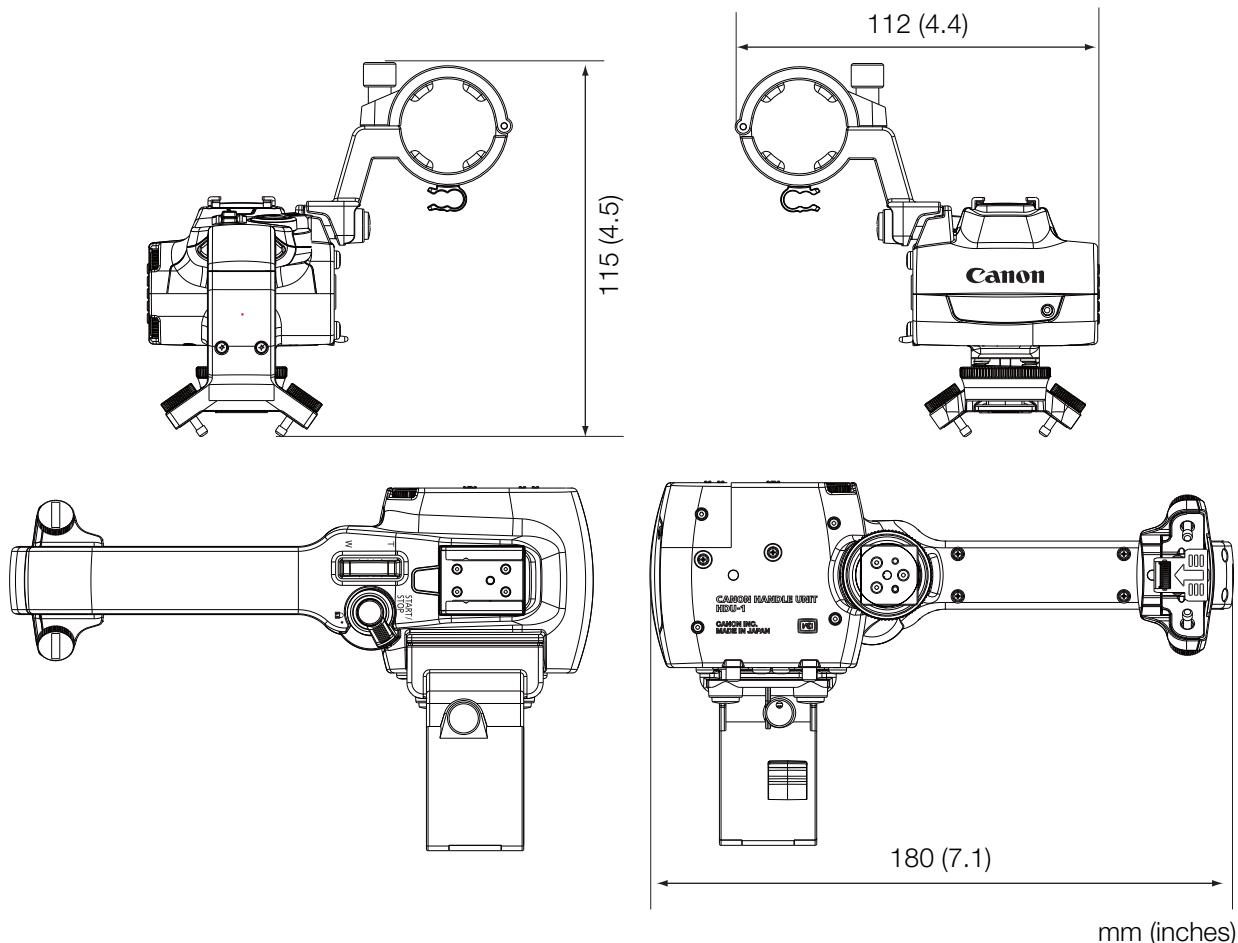


Specifications

	Handle Unit	
	HDU-1	HDU-3
INPUT 1, INPUT 2 terminals	XLR 3-pin jack (pin1: shield, pin2: hot, pin3: cold), 2 sets (balanced) Sensitivity: MIC setting: -60 dBu (volume center, full scale -18 dB) LINE setting: 4 dBu (volume center, full scale -18 dB) Attenuator: 20 dB	
Operating temperature	0 °C – 40 °C (32 °F – 104 °F)	
Dimensions* (W × H × D)	112 × 115 × 180 mm (4.4 × 4.5 × 7.1 in.)	112 × 139 × 197 mm (4.4 × 5.5 × 7.8 in.)
Weight*	253 g (8.9 oz.)	305 g (10.7 oz.)

* All dimensions and weights are approximate.

■ HDU-1 Detailed Measurements



■ HDU-3 Detailed Measurements

