



Power Zoom Adapter PZ-E2

Power Zoom Adapter PZ-E2B

Instructions

Thank you for purchasing a Canon product.

The Canon Power Zoom Adapter PZ-E2, PZ-E2B is an accessory that allows servo zoom (powered zooming) when attached to a lens for EOS R series cameras*.

* For EOS R series camera lenses supported for this product, please check the Canon website.

- Before use, please read this instruction manual as well as the instruction manual for your camera and lens. There may be warnings regarding shooting listed in them.

Conventions used in these instructions



Warning to prevent lens or camera malfunction or damage.



Supplementary notes on using the product and taking pictures.

Camera Firmware and Camera Applications

Please use the latest versions of firmware and applications with the camera in use. For details on whether the firmware and applications in use are the latest version or not, and for details on updating them, please check the Canon website.

Safety Precautions

Precautions to ensure that the camera is used safely. Read these precautions thoroughly. Make sure all details are observed in order to prevent risks and injury to the user and other people.



Warning

Details pertaining to risks that may result in death or serious injury.

- **Do not allow the product to maintain contact with the same area of skin for extended periods of time during use.** This may result in low-temperature contact burns, including skin redness and blistering, even if the product does not feel hot. The use of a tripod or similar equipment is recommended when using the product in hot places and for people with circulation problems or less sensitive skin.
- **When carrying a lens or a camera to which the adapter is attached, always carry it by the lens/camera body.** If you hold only the adapter, the lens or camera may fall off the adapter and cause a malfunction or injury.



Caution

Details pertaining to risks that may result in injury or damage to other objects.

- **Do not insert your finger or hair between the lens zoom ring and the product.** It may become caught and cause injury.

General Precautions

Handling Precautions

- Do not leave the product in excessive heat such as in a car in direct sunlight. High temperatures can cause the product to malfunction.
- If the product is taken from a cold environment into a warm one, condensation may develop on the product surface and internal parts. To prevent condensation in this case, first put the product into an airtight plastic bag before taking it from a cold to warm environment. Then take out the product after it has warmed gradually. Do the same when taking the product from a warm environment into a cold one.
- If there is sand, dust, etc. on the product, use a commercially available blower to remove it. Operating the product with sand, dust, etc. on it can cause the product to malfunction.
- Please also read any related handling precautions listed in your lens or camera's instruction manual.

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.

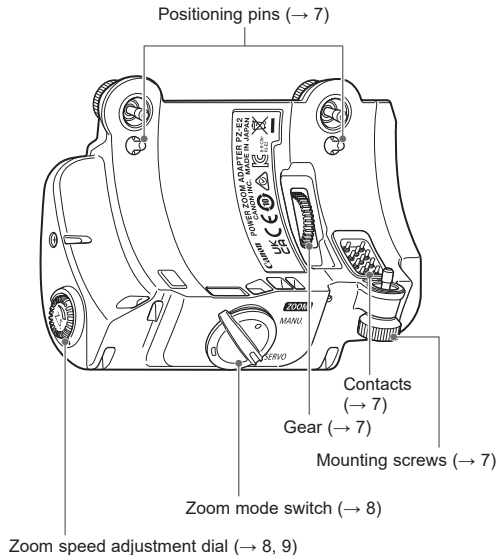
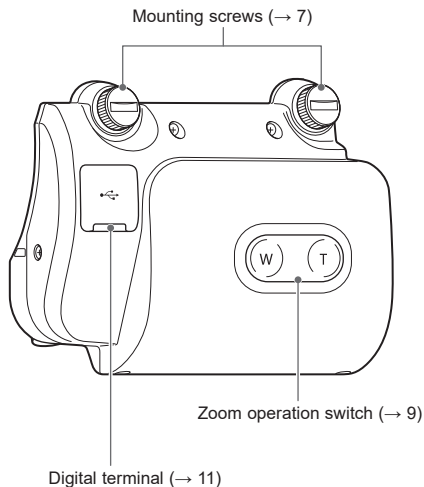
Do not make any changes or modifications to the equipment unless otherwise specified in the instructions. If such changes or modifications should be made, you could be required to stop operation of the equipment.

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 a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful 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:

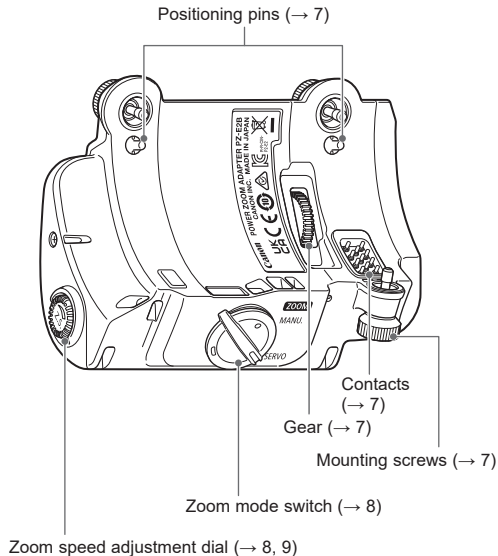
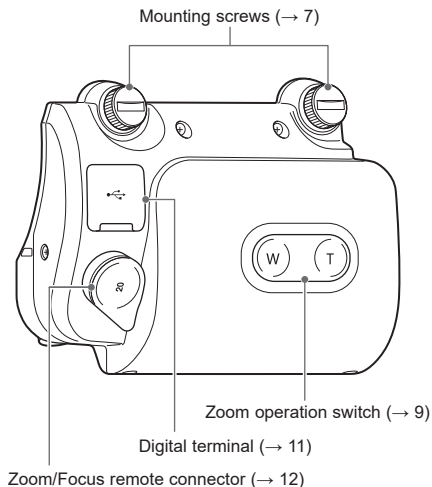
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Nomenclature (PZ-E2)



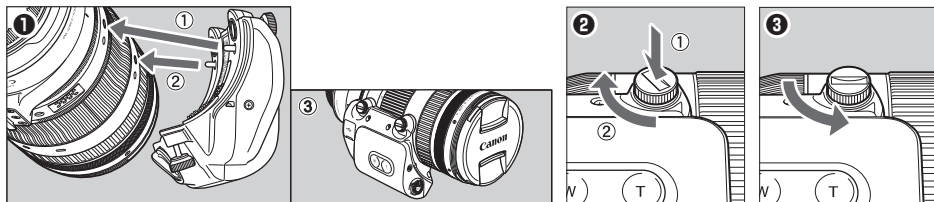
● For detailed information, reference page numbers are provided in parentheses (→ **).

Nomenclature (PZ-E2B)



● For detailed information, reference page numbers are provided in parentheses (→ **).

1. Attaching and Removing Adapter



Attaching

- 1 Line up the positioning pins at the power zoom adapter attachment holes on the lens and hold it against the lens. (Fig. ①: ①②③)
- 2 While pressing the mounting screws, turn it in the direction of the arrow with a coin, etc. to fasten the adapter to the lens. (Fig. ②: ①②)

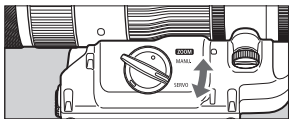
- ⚠ Pay attention to the orientation of the adapter vis-a-vis the lens and the line-up position of the positioning pins.
- This adapter will not operate if it is not attached to the lens.

Removing

- 1 Hold the adapter firmly and turn the mounting screws in the direction of the arrow with a coin, etc. (Fig. ③)
- 2 Remove the adapter from the lens in the reverse order for attaching it.

- ⚠ Do not use excess force in attaching or removing the adapter. It can cause it to break or malfunction.
- Take care not to damage the contacts or the gear when you remove the adapter.
- Any damage, dirt, fingerprints, etc. on the contacts can cause poor contact or corrosion, leading to operational problems. Any dirt on the contacts should be wiped off with a soft cloth.

2. Setting Zoom Mode

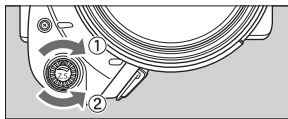


- 1 The zoom mode switch can be set to either servo zoom [SERVO] or manual zoom [MANU].
- 2 To zoom using servo zooming, set the switch to servo zoom [SERVO].
- 3 To zoom by directly turning the zoom ring on the lens, set the switch to manual zoom [MANU].



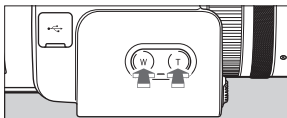
Do not force the zoom ring on the lens when using the servo zoom [SERVO] zoom mode. It can cause damage to the lens.

3. Setting Zoom Speed





- Use the zoom speed adjustment dial to set the speed of the servo zoom.
- To raise the zoom speed, turn the dial in direction ①. To lower the zoom speed, turn the dial in direction ②.

4. Using Servo Zoom



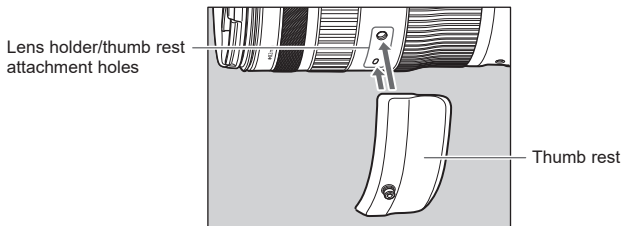
Use the zoom operation switch to use the servo zoom. Pressing [W] will zoom the lens out (wide angle) and pressing [T] will zoom the lens in (telephoto).

 You can use servo zooms by remote control when using this adapter. Refer to “Materials” on Page 14 for details of remote control.

-  ● The motor noise may be recorded when using servo zoom during movie shooting. Lowering zoom speed will reduce the motor noise.
- While using the zoom operations switch, do not touch the zoom ring of the lens or apply force in the direction where the adapter parts from the lens. It can cause abnormal noise or malfunction.

5. Thumb rest

For hand-held shooting, attach the thumb rest to the lens to avoid touching the zoom ring of the lens during servo zooming.



Attaching the thumb rest

- 1 Use the hex key to attach the thumb rest to the lens holder/thumb rest attachment holes on the lens.
- 2 Attach the lens to the camera.
 - Remove the thumb rest by performing the procedures in the reverse order.



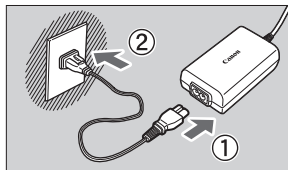
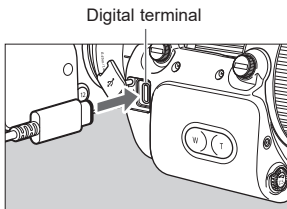
- Be sure to remove the lens from the camera before attaching or detaching the thumb rest.
- When attaching the thumb rest, avoid contact with the zoom ring or focus ring. Operating the camera with the thumb rest in contact with the zoom ring or focus ring may cause abnormal noise or malfunction.

6. USB Power Adapter PD-E1 (Sold separately)

The USB Power Adapter PD-E1 (sold separately) can be used to supply power, reducing the power supplied by the camera and increasing the maximum zoom speed*.

* For some cameras**, the maximum zoom speed is increased, regardless of whether the USB power adapter is connected or not.

** EOS R3



1 Connect the USB power adapter.

- With the camera's power switch <OFF>, securely insert the USB power adapter plug into the digital terminal.

2 Connect the power cord.

- Connect the power cord to the USB power adapter and insert the power plug into a power outlet.

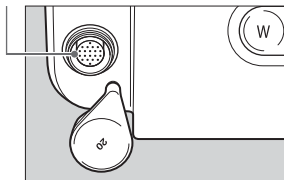


- Turn the camera's power switch to <OFF> before disconnecting the USB power adapter.

7. Zoom/Focus Remote Connector (PZ-E2B only)

PZ-E2B is equipped with a zoom/focus remote connector which can connect Canon zoom servo grip, zoom demand and focus demand.

Zoom/Focus Remote Connector



Operation with Zoom Servo Grip/Zoom Demand

By connecting the zoom servo grip/zoom demand, zoom operation from the zoom servo grip/zoom demand is possible.

- 1 Set the zoom mode switch to [SERVO].
- 2 Connect the zoom servo grip/zoom demand to the zoom/focus remote connector.
- 3 For operation details, please refer to instruction manual for the zoom servo grip/zoom demand to be used.

Operation with Focus Demand

By connecting focus demand, focus operation from the focus demand is possible.

- 1 Set the focus mode switch on the lens body to [MF].
- 2 Connect focus demand to the zoom/focus remote connector.
- 3 For operation details, please refer to the instruction manual for focus demand to be used.

Zoom/Focus Remote Connector (PZ-E2B only)



- Canon Zoom Servo Grip ZSG-C10 can be connected.
- Canon Zoom Demand ZSD-300D can be connected. Shtl/Memo/RET switches become ineffective. Frame switch functions as one-shot AF (auto focus) switch.
- When zoom demand is connected, the zoom speed adjustment dial is not operational.
- Canon Focus Demand FPD-400D can be connected.
 - FPD-400D: Focus characteristics curve selection switch of the focus demand becomes ineffective.
 - Operation by focus demand can be performed while auto focus is operated unless camera side sends the different command.
- When connecting the demand cable to the zoom/focus remote connector, secure a commercially available baseplate (that is compatible with the camera to be used) to the camera before attaching the camera to a tripod. If a baseplate is not attached to the camera, inserting the demand cable may not be possible. For details on attaching the baseplate, please refer to instruction manual for the baseplate.

Materials

Zoom speed

Lens name	Zoom speed adjustment dial setting and wide → telephoto times	
	SLOW end	FAST end
RF24-105mm F2.8 L IS USM Z	Approx. 90 sec.	Approx. 1.5 to 3 sec.

- The displayed range may change depending on use conditions.
- When zoom demand is connected, zoom speed will differ from the displayed range.

About Remote Control

If you are using a camera* that supports remote control for the adapter, you can use the Camera Connect smartphone app or the EOS Utility software that comes with the camera to operate the servo zoom. The zoom mode switch should be set to servo zoom [SERVO].

For details, refer to the EOS Utility software instruction manual or the Canon website.

Specifications

Dimensions (W x H x D)	105 x 81 x 60 mm / 4.13 x 3.19 x 2.36 inch
Weight (body only)	PZ-E2: Approx. 155g / 5.5 oz PZ-E2B: Approx. 165g / 5.8 oz
Accessories	Soft case, Thumb rest, Hex key

- All data listed is measured according to Canon standards.
- Product specifications and appearance are subject to change without notice.

