

Wireless Flash Trigger
PFT-28



Instruction Manual

Thank you for purchasing the Polaris PFT-28 professional wireless flash trigger kit.

For the best performance, please read the manual carefully before using.

1. Features:

- > Versatile, reliable remote flash trigger for camera speed light and studio lights up to 100 meters /300 feet away
- > Easy to control the lighting in the cordless
- > Ideal for multi-flash photography
- > Works on the 2.4GHz frequency reducing radio interference and an extended range (up to 100 meters / 300 feet) – no need to have line-of sight alignment, either, as radio waves will pass through walls, windows and floors.

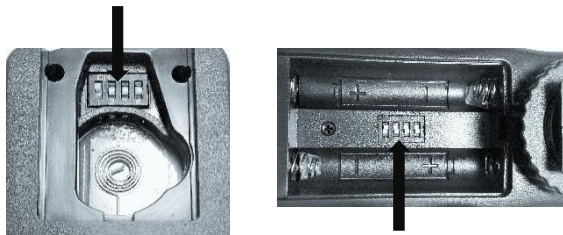
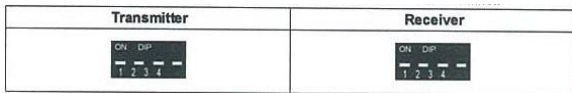


*Note:

Since the PFT-28 does not transmit TTL settings, use of a flash or light unit with full manual control is recommended. You will need to set the power output manually.

4. Channel Setting:

- PFT-28 channel selector is inside the battery hatch
- Follow the OPEN direction icon to slide out the battery cover and set the channel
- 16 channels selectable for the Transmitter and Receiver
- Please make sure the Transmitter and Receiver are on the same channel



*Note:
Please note that the flash may fire, if you change the channel while the power of the Receiver turn on.

5. Operation:

- ✓ Turn the power of POLARIS Karat Flash Meter (the meter) and PFT-28 Receiver (the receiver) OFF
- ✓ Mount PFT-28 Transmitter (the transmitter) to the synch terminal of the meter
- ✓ Mount the flash on the receiver hot shoe socket
- ✓ If your flash or studio light does not have a hot shoe, connect the studio light to the flash or studio light to the ACC socket of the receiver
- ✓ Set the channel selector at same position on both the transmitter and receiver. To use multiple flash units, be sure to set all the receivers to the same channel
- ✓ Turn the power of the meter and the receiver ON
- ✓ Choose "Flash Light" mode **[T]** or "Flash Duration" mode **[FD]** on the MENU display of the meter
(*Set the preferences of ISO value and Shutter Speed (T) if needed. For more detail of setting the meter, please refer to the page 15 of 『Instruction Manual』 on the following link; <http://en.aspen.co.jp/download>)
- ✓ Press the measuring button on the meter
- ✓ Fire the flash and measured Aperture (F) value and Flash Ratio (FR) are displayed on the meter. In the case of FD mode, duration time of strobe is displayed as well.
(*Press the measuring button of the meter again, the flash fires again and the meter takes a new reading)

2. Included:

Remove the PFT-28 kit from the box and confirm that you have all the items listed below:

- PFT-28 Transmitter
- PFT-28 Receiver
- Φ6.3 conversion plug
- Φ3.5-Φ2.5 plug code (27.5mm)
- Instruction Manual

● Battery Installation



Slide the battery cover in the direction indicated by the arrow



6. Specifications:

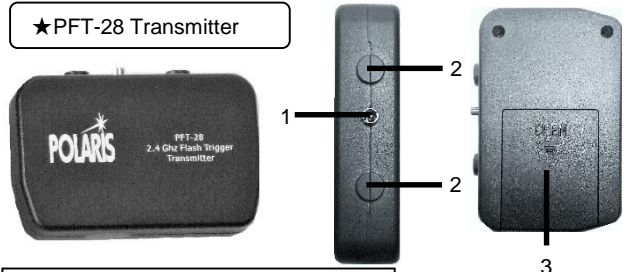
Wireless Frequency System:	2.4GHz
Operating Distance:	up to 100 meters / 300 feet
Channel:	16 channels
Sync:	1/250s
Transmitter Power:	1 x CR2032 battery
Receiver Power:	2 x AAA battery
Function:	Wireless Flash Trigger (for camera speed light or studio light)
Weight:	Transmitter 32g (*without battery) Receiver 40g (*without battery)
Dimension:	Transmitter 64 x 41 x 15mm Receiver 37 x 79 x 21mm (*excluding protrusions)
Receiver includes	¼" – 20 tripod mount
Safety standard	CE, FCC, Canada IC
RoHS compliance	

*Specifications and appearance are subject to change without notice due to improvement.

3. Name of Parts:

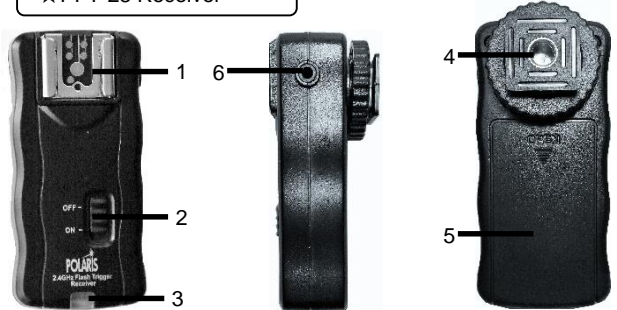
The parts are identified as follow:

★PFT-28 Transmitter



- 1 Sync Socket
- 2 Auxiliary fitting for the Meter
- 3 Battery Cover

★PFT-28 Receiver



- 1 Hot Shoe Socket
- 2 Power Switch
- 3 Indicator Light
- 4 Hot Shoe Foot with Screw
- 5 Battery Cover
- 6 ACC Socket

7. For your Safety:

- ⚠ Do not disassemble or modify
- ⚠ Keep Dry
- ⚠ Keep out of reach of children
- ⚠ Do not use in the presence of flammable gas
- ⚠ Do not expose to high temperatures
- ⚠ Remove battery and store in dry cool place when not in use

*Note:

Contact your local retail shop or distributor for Warranty and Service.

Distributor/Sales Agent

ASPEN CORPORATION

6-3-5 Shinbashi, Minato-Ku, Tokyo
105-0004 JAPAN
Tel: 81-3-3433-3948 Fax: 81-3-3433-3832
E-mail: office@aspen.co.jp
URL: <http://en.aspen.co.jp>

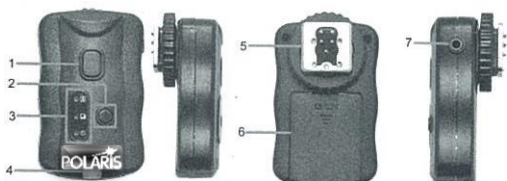


PFT-28s Wireless Transmitter (Optional)

- ◇ Wireless Flash Trigger for camera speed light or studio light
 - ◇ Wireless Remote Control for DSLR camera with remote socket
- a) Instant Shutter Release
 - b) BULB/Continuous Shooting
 - c) Shutter Release Delay

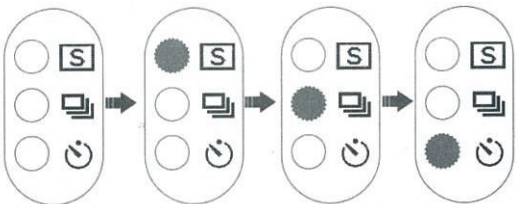
● Name of Parts:

The parts are identified as follow:



- | | |
|--------------------------------|-------------------|
| 1 Shutter Release/Test button | 4 Indicator light |
| 2 Shutter mode button | 5 Trigger point |
| 3 Shutter mode indicator light | 6 Battery cover |
| 7 ACC socket | |

● Shutter Mode Setting:



- 1 Slightly press the shutter mode button, the shutter mode indicator light will ON and display the current mode
- 2 Press the shutter mode button again to change shutter mode
- 3 After finish the selecting, the shutter mode indicator will turn off after 2 seconds

Icon	Shutter Mode	Description
	Instant Shutter Release	When the shutter release button of transmitter is fully press, the receiver will release shutter immediately.
	Long Time Exposures (Bulb) / Continuous Mode	<ol style="list-style-type: none"> 1. Ready the camera 2. Rotate the mode dial to M. 3. Choose a shutter speed to BULB. 4. After focusing, press the shutter release button on the transmitter all the way down, the bulb exposure will start immediately. When transmitter is locking the shutter button, the transmitter indicator light will keep flashing. 5. Press the Shutter release button on the Transmitter all the way down again to stop the bulb exposure.
	Shutter Release Delay	When the shutter release button of transmitter is fully press, the receiver will release shutter after 4 seconds.

● Wired Shutter Release:

- 1 Turn the power of camera OFF
- 2 Connect the shutter release cable to the ACC socket of transmitter and remote socket of camera body
- 3 Turn the power of camera ON
- 4 Press the test button on the transmitter
- 5 Half press for focus and full press for shutter release

● Wired Shutter Release:

- 1 Turn the power of camera and receiver OFF
- 2 Mount the receiver to the camera hot shoe socket and connect the shutter release cable to the ACC socket of receiver and remote socket of camera body
- 3 Set the channel selector at same position on both the transmitter and the receiver
**To use multiple camera units, be sure to set all receivers to the same channel*
- 4 Turn the power of camera and the receiver ON
- 5 Press the test button on the transmitter
- 6 Select Shutter Mode
(*refer to a Shutter Mode Setting Section)
- 7 Half press for focus and full press for shutter release
- 8 If the transmitter and the receiver status lights are turning red and your camera shutter release all of the setting are correct

● Specifications:

Wireless Frequency System:	2.4GHz
Operating Distance:	up to 100 meters / 300 feet
Channel:	16 channels
Sync:	1/250s
Transmitter Power:	1 x CR2032 battery
Function:	Wireless Flash Trigger (for camera speed light or studio light) Wireless Remote Control (for DSLR camera with remote socket)

Weight:	32g (*without battery)
Dimension:	62.6 x 39.2 x 27.1mm (*excluding protrusions)
Safety standard	CE, FCC, Canada IC
RoHS compliance	

*Specifications and appearance are subject to change without notice due to improvement.