

5. Using the Flash

■ For HOLGA120SF

- A) Set to ON by sliding the flash ON/OFF switch (10) to the right.
- B) The flash may be used when the flash lamp (9) begins to flash on and off. (The camera will make a high-pitched sound until it has recharged. This is not a product fault.)

■ For HOLGA120S

For the HOLGA120S, flashes available on the market can be connected to the hot shoe located in the upper part of the camera. In this case, the camera is used with the focus set to F/8 ([cloudy] on the weather switch (7)).

In many cases, the flash fails to work (does not synchronize) or flashes twice (once when pressing the shutter button, and again when releasing the shutter button) when a flash available on the market is connected to the HOLGA120S. In cases where the flash occurs twice, a slight delay in releasing the shutter button is recommended.

6. Extracting the Film

- A) Continue to turn the winding dial (4) in the direction of the arrow until the film has completely wound off.
- B) Once the film has been completely wound off, open the back cover and extract the film.
- C) Wind the film firmly around the spool for development.

Caution

- The core remaining in the film chamber is used as a spool to wind the film for the next set of exposures.
- Film which is not tightly wound around the spool will result in photosensitivity.
- Film should be removed in a dark location in order to prevent photosensitivity.
- Used film should be stored in a dark location and should be developed as soon as possible.

Getting the most out of the HOLGA

When the shutter button is pressed and then pressed again without winding the film, the resulting picture has an overlapping effect (multiple exposure). This produces an unexpected result which can be a lot of fun to try.

There are countless other ways in which the HOLGA can be used. For example, some people take pictures with a 35mm film (normal size film). Others damage the lens with a file to deliberately produce pictures with interesting effects. Professionals set up full-scale lighting equipment in photography studios only to take pictures with a HOLGA. Other photographers take brilliant portraits of film directors and musicians using a HOLGA. Simply put, the HOLGA is the world's most unpredictable, uncontrollable, and beloved cameras. There are no rules.

Enjoy the freedom of a HOLGA. Good luck!



For inquiries concerning HOLGA please call toll-free 800-225-1618. Lines open Monday-Friday 8 am to 7 pm EST.

For more information visit www.polaroid.com.

A Concise Guide to the HOLGA120S & 120SF

Welcome to the world of HOLGA cameras!

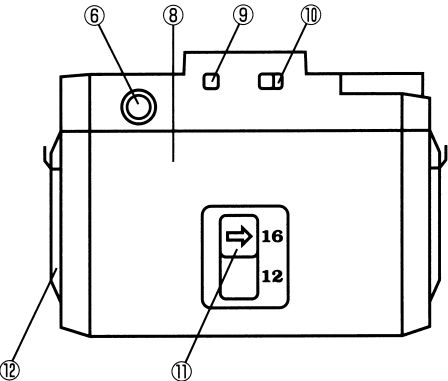
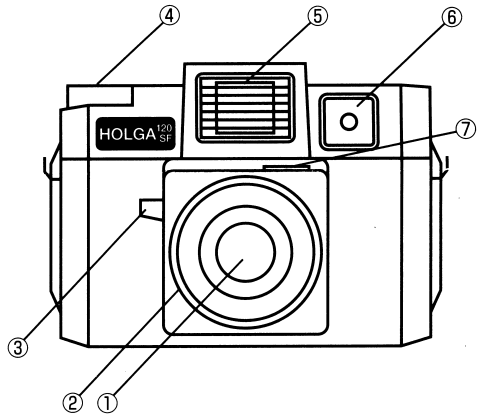
The HOLGA characterizes the world of novelty cameras, representing an inexpensive and unique camera which is truly fun to have. Find out why the HOLGA has captivated professional enthusiasts and artists around the world!

This concise guide contains several points of interest in regards to the imperfections of the HOLGA camera. As a result of its unique design the HOLGA has continued to draw passionate support from photography fans around the globe.

We encourage you to experiment with the photographic effects that can be achieved and enjoy the mysterious charm that the HOLGA has to offer.

- (1) Lens
- (2) Focus Ring
- (3) Shutter
- (4) Winding Dial
- (5) Flash*
- (6) Finder
- (7) Weather Switch
- (8) Back Cover
- (9) Flash Lamp*
- (10) Flash ON/OFF Switch*
- (11) Film Counter
- (12) Anchor

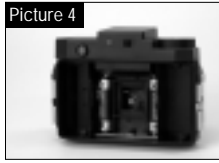
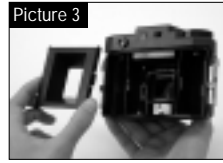
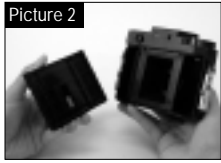
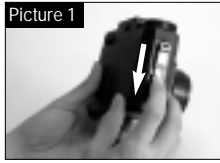
* HOLGA 120SF only



Lens	f/8 60mm (plastic lens)
Shutter	Approx. 1/100 th second Leaf Shutter
Focus	1m-∞
Film Used	Conventional 120 roll film or Polaroid Type 80 Series (84, 85, 87, 88, 89)
Image Area	4.5cm x 6cm 6cm x 6xcm
External Measurements	140 x 102 x 76(mm)
Weight	200g
Accessories	Neck Strap

1. Inserting the Batteries (HOLGA120SF only)

- Slide the anchor (12) downward (Picture 1), and remove the back cover (8) (Picture 2).
- Take out the frame mask located inside (Picture 3).
- Insert 2 triple A batteries (Picture 4).



Attention

- Batteries not included
- Batteries are prone to being dislodged. We therefore recommended that the batteries are secured with tape.
- Batteries are not required when flash is not in use.

2. Selecting the Frame Format

This camera is capable of taking photographs in 2 types of format:
4.5cm x 6cm and 6cm x 6cm.

For 4.5cm x 6cm Format:

- Open the back cover (8) of the camera and attach the frame included with the camera to the camera (attached as such at time of purchase).
- Set the mark on the film counter (11) on the back cover to [16]. This enables 16 exposures per role of film.

For 6cm x 6cm Format:

- Open the back cover of the camera and detach the frame included with the camera. Although photographs may be taken with the frame left attached, use of the 6cm x 6cm frame included with the Polaroid holder is ideal in order to avoid sagging in the film.
- Set the mark on the film counter (11) on the back cover to [12]. This enables 12 exposures per role of film.

Caution

- Use a screw driver should the mark on the back cover be too stiff to move manually.
- In the event of using a screw driver, take care not to damage the red window.



Light Leaks

With a HOLGA, the film is often partially exposed due to light leaks.

Although this does not concern many users, this can be avoided by covering the window of the film counter (11) with material such as tape. We recommend the black tape which is available at camera stores.

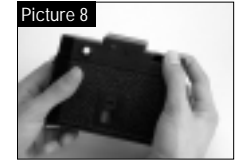
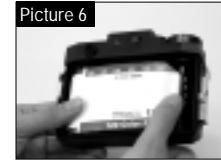
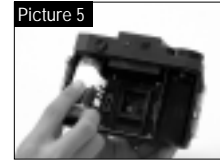
To prevent light leaks altogether, the gaps between the body of the camera and the back cover should be taped over completely.

Back Cover

The body of the camera and the back cover are held together by a simple anchor. For this reason, the back cover may become dislodged during exposure or transportation. We therefore recommend that the back cover be secured using material such as tape.

3. Inserting the 120 Film

- Slide the anchor (12) downward and remove the back cover.
- Peel off the film seal and place in the film chamber (Picture 5).
- Pull the tip of the film out approximately 10cm and insert this into the cut in the spool (the core which winds the film), and turn the winding dial (4) 2 or 3 times in the direction of the arrow until the film is securely wound onto the spool (Picture 6).
- Return the back cover (4) to its original position and firmly close the back cover by sliding the anchor over it (Picture 7).
- Turn the winding dial in the direction of the arrow until the number [1] appears in the red window of the film counter (11) (Picture 8).



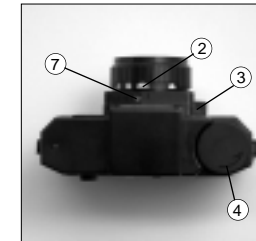
The camera is now ready to take a picture.

- The film size used for the HOLGA is 120. This can be obtained at the camera store by asking for a conventional 120 roll film.

Refer to the manual attached to the Polaroid holder concerning Polaroid photography

4. Taking the Picture

- Adjust the weather switch (7) according to the type of weather (sunny/cloudy).
- Adjust the focus ring (2) according to the distance from the camera to the subject (the object to be taken).
- Look through the finder (6) from the back of the camera, set the composition for the picture, and slowly depress the shutter button (3). The picture has now been taken.
- Turn the winding dial (4) in the direction of the arrow until the next number appears in the red window of the film counter (11). The camera is now ready to take the next picture.



Mark	Distance to Subject
	Approx. 1m
	Approx. 3m
	Approx. 6m
	Approx. 10m or more

IMPORTANT

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To prevent light leaks altogether, the gaps between the body of the camera and the back cover should be taped over completely.

Back Cover

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Neck Strap

The neck strap is designed to be attached by threading through the upper part of the anchor. However, when hanging the camera on the neck strap, the weight of the camera can often pull the strap away from the body of the camera, bringing the entire anchor with it.

This not only results in exposure of the film, but there is also a danger of dropping and damaging the camera itself.

Therefore, we do not recommend the use of the neck strap.

Film Guide

120 film is normally used with a HOLGA. Polaroid Peel-Apart Film 80 Series can be used when using a Polaroid holder. When taking pictures with a 120 film under sunny conditions, we recommend the use of a film with a sensitivity of ISO100-400. In cloudy conditions resulting in underexposure, a good effect may be achieved by depressing the shutter button twice.