

PENTAX

67II

Operating Manual



To ensure the best performance from your camera,
please read the Operating Manual before using the camera.

Welcome to the Fantastic World of Pentax Medium Format Photography

This medium format 67 II camera gives an image area four times larger than that of the 35 mm SLR camera, assuring the photographer of fine-grained, superior quality image definition on enlargements.

The Aperture-Priority AE Mode and the metering modes of the Multi (6) Segment Metering, Center-Weighted Metering and Spot Metering Modes are available when the AE Pentaprism Finder 67 II is attached.

Read this instruction manual carefully to get a full explanation of operations before use.

The operating manual explains the camera with an optional AE Pentaprism 67 II attached.

Lenses and accessories produced by other manufacturers are not made to our precise specifications and therefore may cause difficulties with or actual damage to your Pentax camera. We do not assume any responsibility or liability for difficulties resulting from the use of lenses and accessories made by other manufacturers.

Icon indicators used in this manual

Operation direction	
Automatic operation	
Attention	
Lamp blinking	
Correct	
Incorrect	

PENTAX and SMC PENTAX are trademarks of HOYA CORPORATION.

FOR SAFE USE OF YOUR CAMERA

Although we have carefully designed this camera for safe operation, please be sure to follow precautions given on this page.

WARNING

This mark indicates precautions that, if not followed, could result in serious injury to the operator.

CAUTION

This mark indicates precautions that, if not followed, could result in minor or medium injury to the operator or damage to the equipment.

WARNING

- Wrapping the strap around your neck is dangerous. Make sure that small children do not get the strap caught around their neck.
- Do not look directly at the sun through the camera, as viewing the sun for an extended period may damage your eyes.

CAUTION

- Never try to disassemble, short or recharge the battery. Also, do not dispose of the battery in fire, as it may explode.
- Remove the batteries from the camera immediately if they become hot or begin to smoke. Be careful not to burn yourself during removal.

Precautions for Your Camera

Your Pentax camera is high-precision mechanism. Handle it with great care.

Precautions when taking pictures

- Do not use the camera where it may come in contact with rain, water, or any other liquid, because the camera is not weather, water, or liquid resistant. Should the camera get wet from rain, splashing water, or any other liquid, wipe it off immediately with a dry soft cloth.
- Do not drop the camera or allow it to hit solid objects. If the camera suffers a shock or impact, take it to a Pentax service center for inspection.
- Be careful not to subject the camera to strong vibrations, shock or pressure. Use a cushion to protect the camera when carrying it in a motorcycle, car, boat, etc.
- Condensation on the interior or exterior of the camera may be extremely harmful to the camera mechanism as it may cause rust. Furthermore, if the camera is taken from warm temperature to subfreezing or vice versa, the formation of condensation may cause damage. In such case, put the camera into a case or plastic bag so that any changes in temperature difference is minimized. Do not remove it from the bag until temperature has stabilized.

Precautions for storage

- Avoid leaving the camera for extended periods in places where the humidity and temperature are very high, such as in a car.
- Do not store the camera in a closet with mothballs or in an area where chemicals are handled. Store it in a place with good dry air circulation to prevent the growth of fungus.

Precautions for proper care

- Never touch the shutter curtain or mirror with your finger or any other object.
- Use a blower and lens brush to remove dust accumulated on the lens or viewfinder.
- Never use solvents such as paint thinner, alcohol or benzene to clean the camera.

Electrical problems may often be caused by water, dirt or dust at points of electrical contact. Also check for battery leakage, traces of dirt or grease, or corrosion due to salinity or gas. If you cannot correct the problems, have your camera inspected at a Pentax service center. Repairs of this nature are not covered under the terms of the warranty and charges may be assessed.

Other precautions

- The temperature range at which this camera functions properly is 50 °C to -10 °C (122 °F to 14 °F).
- A camera which has been submerged in water usually cannot be repaired. If such an accident should occur, it is advisable to contact a Pentax Service Center immediately.
- To maintain optimum performance, it is recommended that the camera be inspected every one or two years. If the camera has not been used for an extended period, or is being prepared for an important photographic session, it is recommended that you have the camera inspected or test shoot with it.
- Repairs deemed necessary due to usage of this product in an industrial or commercial application may not be covered under the terms of the Pentax warranty.
- The Pentax warranty provides only for the repair of defects in materials or workmanship. Damage of any kind cannot be repaired at no charge under the terms of the warranty. If the difficulty is caused as a direct result of the product being used in conditions as outlined in the "Precautions for Your Camera" section or any other operation contrary to the instructions outlined in this manual, charges will be assessed and a repair quotation will be provided.

Precautions for Battery Usage

- Use two CR123A lithium batteries.
- Do not store the camera in a closet with mothballs or in an area where chemicals are handled. Store it in a place with good dry air circulation to prevent the growth of fungus.
- Misuse of the battery can cause hazards such as leakage, overheating, explosion, etc. The battery should be inserted with the "+" and "-" sides facing correctly.
- Battery performance may be temporarily hindered in low temperatures, but will recover in normal temperatures.
- Keep spare batteries on hand for convenient replacement when shooting outdoors or while traveling.
- Replace the batteries at the same time. Do not mix battery brands, types, or old batteries with new ones, as this may cause explosion or overheating.

Table of Contents

PENTAX
67II

FOR SAFE USE OF YOUR CAMERA.....	1
Precautions for Your Camera	2
Precautions for Battery Usage.....	3
Names of Working Parts.....	6
Indicators	8
To Take the Following Kinds of Pictures	9
To Start Taking Pictures Right Away	10
Structure of this Manual.....	12

I BASIC OPERATION [PREPARATION]

Attaching the Camera Strap.....	13
Loading the Batteries	14
Turning the Power ON	16
Low Battery Warning.....	17
Attaching the Lens	18
Depressing the Shutter Release Button.....	20
About Interchangeable Viewfinder	21

Setting the Film Speed (ISO).....	24
Loading the Film	25
Unloading the Film.....	31
Adjusting the Viewfinder Diopter.....	33
Installing the Correction Lens	34

III BASIC OPERATION [SHOOTING]

Using the Aperture-Priority AE Mode.....	35
Using the Multi (6)-Segment Metering Mode ...	36
Holding the Camera.....	38
Taking a Picture.....	39

III ADVANCED OPERATION

Using the Self-Timer Mode	43
Eyepiece Shutter	44
Multiple-Exposure Mode	45

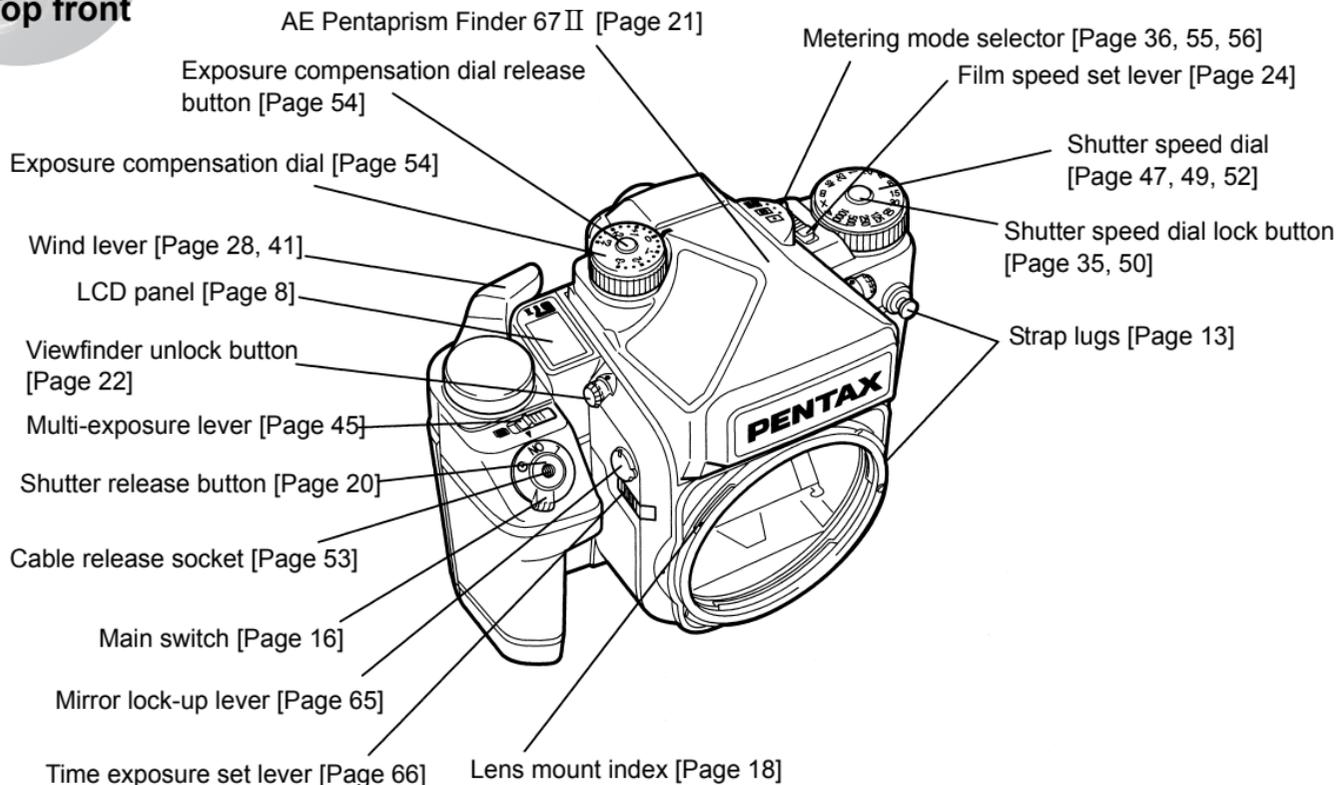
Selecting an Exposure Mode.....	47
● Using the Aperture-Priority AE Mode.....	47
● Using the Metered Manual Mode.....	49
● Using the Bulb Exposure Mode	52
About Exposure Compensation.....	54
Switching the Metering Mode	55
● Using the Center-Weighted Metering Mode	55
● Using the Spot Metering Mode	56
Using the Memory Lock Function	57
Using a PENTAX Dedicated External Flash....	58
Slow-Speed-Sync Shooting.....	63
Checking the Depth-of-Field.....	64
Mirror Look-Up.....	65
Time Exposure Mode	66
Infrared Index	68
Accessories (Optional)	69
● Interchangeable Focusing Screen	70
Aperture and Shutter Speed Effects.....	73
Custom Function	75

IV OTHERS

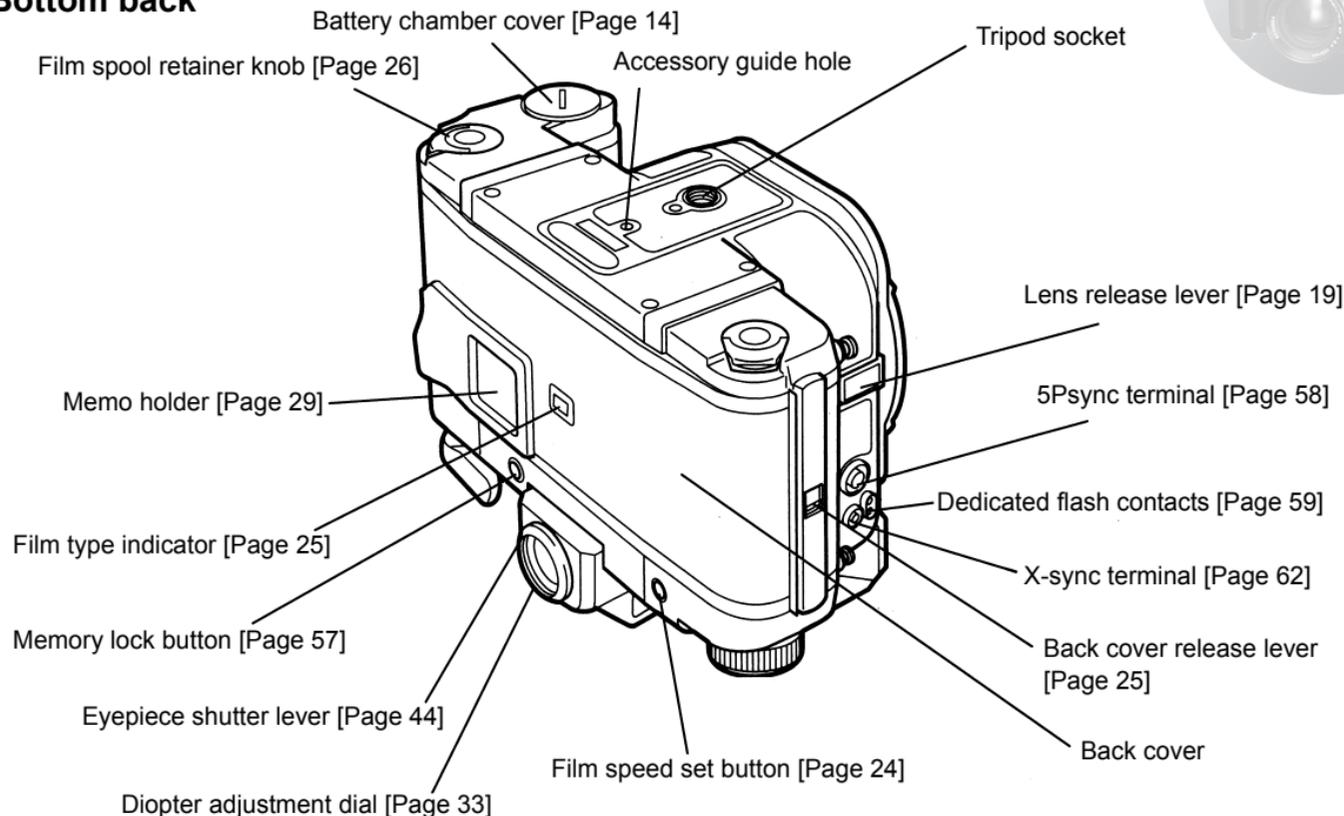
Troubleshooting	76
Error Display in the Event of Incorrect Operation	77
Specifications	78
WARRANTY POLICY.....	80

Names of Working Parts

Top front



Bottom back



Indicators

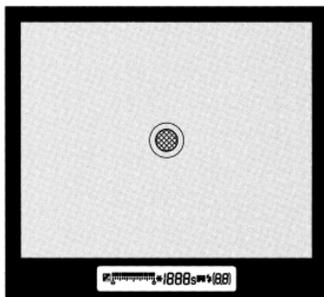
The indicators displayed on the LCD panel and viewfinder show the following information.

LCD Panel



- 8.8** : Film counter [Page 29]
- 8888** : Film speed [Page 24]
- ISO** : Film speed set information [Page 24]
-  : Low battery warning [Page 17]
- FILM** : Film symbol [Page 29]
-  : Film advance indicator [Page 42]
-  : Flash status [Page 58]

Viewfinder



- 888s** : Shutter speed [Page 48, 51]
- (88)** : Film counter [Page 30]
-  : Flash status [Page 58]
-  : Exposure compensation [Page 54]
-  : Memory lock [Page 57]
-  : Bar graph [Page 51, 54]
-  : Metering mode [Page 36, 55, 56]
-  : Spot metering area [Page 56]
-  : Microprism [Page 39]

* As the periphery of the image may be cut off when the image is printed out, compose your image with extra space around it.



To Take the Following Kinds of Pictures



Flash

Page

- To take a picture in a dark place or indoors 58
- To take a picture of a subject with a night scene in the background 63



Exposure (Brightness)

Page

- To take a picture with brightness manually adjusted 49, 54
- To take a picture into the sun with the subject's face lightened 54
- To measure the brightness of a specific narrow area 56
- To store the exposure in the camera temporarily 57



Subject Photography

Page

- To take a picture of yourself 43
- To take a picture into the sun with the subject's face lightened 54
- To take a picture of a subject with a night scene in the background 63



Landscape Photography

Page

- To take a picture of a night scene 52
- To take a picture of a subject with a night scene in the background 63

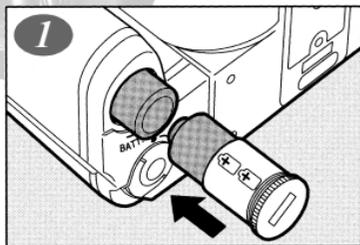


Other

Page

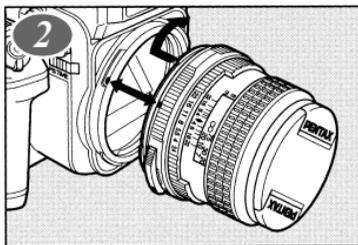
- To layer multiple pictures in one frame 45
- To reduce mirror shock when taking a picture 63

To Start Taking Pictures Right Away



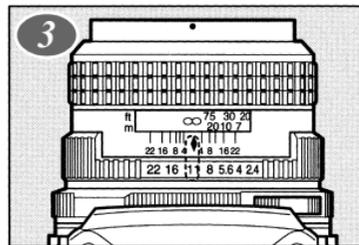
Load the Batteries

Remove the battery chamber cover and load two CR123A batteries. [Page 14]



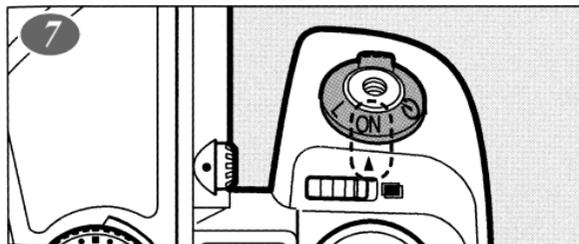
Attach the Lens

Align the red dots on the camera and lens mount, attach the lens to the camera body, and turn it to the right until it locks. [Page 18]



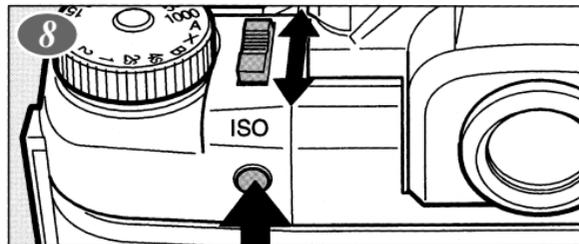
Set the F-Stop

Set the lens aperture ring to the desired f-stop. [Page 35]



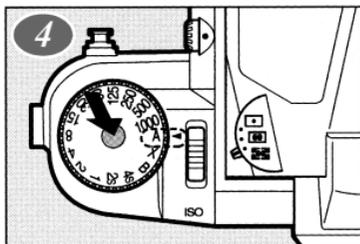
Turn the Power On

Set the main switch to **ON**. [Page 16]



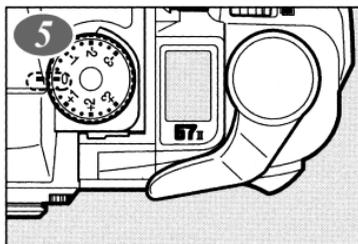
Set the Film Speed

Adjust the film speed using the film speed set lever and film speed set button. [Page 24]



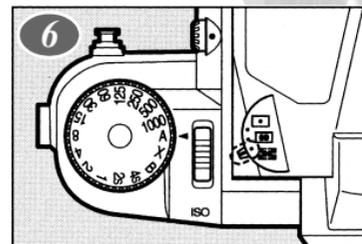
Turn the Shutter Speed Dial to **A**

Turn the dial while holding down the button indicated in the diagram. This sets the Aperture-Priority AE Mode. [Page 35]



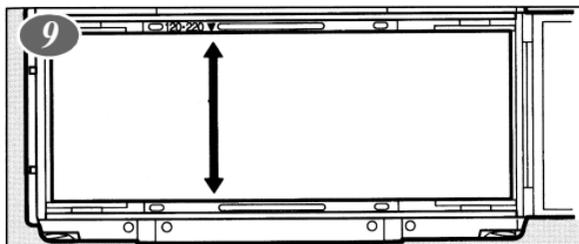
Set Exposure Compensation to **0**

Turn the exposure compensation dial to the **0** position. [Page 54]



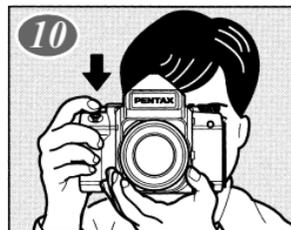
Set the Multi (6)-Segment Metering Mode

Set the metering mode selector to **6**. [Page 36]



Load Film

Open the back cover and load the film correctly. [Page 25]



Adjust the Focus and Take a Picture

Depress the shutter release button gently to take a picture. [Page 39]

Structure of this Manual

For effective use of this manual, the contents have been arranged in the following order.

I

BASIC OPERATION [PREPARATION]

Page 13 to 34

II

BASIC OPERATION [SHOOTING]

Page 35 to 42

III

ADVANCED OPERATION

Page 43 to 75

IV

OTHERS

Page 76 to 81

- If you want to start taking pictures right away, please read “BASIC OPERATION [PREPARATION]”, and “BASIC OPERATION [SHOOTING]”. You can enjoy simple photography even with a minimal knowledge of operating the camera.