



DIMAGE
MN68Z



User Manual

BEFORE YOU START

Declaration of Conformity

Responsible Party: Elite Brands Inc.

Address: 40 Wall St, Flr 61, New York, NY 10005 USA

Company Website: www.elitebrands.com ;
www.minoltadigital.com

For Customers in the U.S.A.

Federal Communication Commission Interference Statement

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.

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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue.

The highest SAR value reported under this standard during product certification for use when worn on the body is 1.044 W/kg.

About this Manual

Thank you for purchasing this MINOLTA MN68Z Digital Camera. Please read this manual carefully and keep it in a safe place for future reference.

- Elite Brands Inc. reserves all rights of this document. No part of this published manual may be reproduced, transmitted, transcribed, stored in a retrieval system or translated into any language or computer language, in any form, by any means, without the prior written permission of Elite Brands Inc.
- All trademarks mentioned in this manual are used for identification purposes only and are properties of their respective owners and holders.
- This manual provides you with instructions on how to use your new MINOLTA MN68Z Digital Camera. Every effort has been made to ensure that the contents of this manual are accurate; however Elite Brands Inc. reserves the right to make changes without notice.
- Throughout this manual, the following symbols are used to help you locate information quickly and easily:



Indicates useful information.

- The following symbols may be used throughout this manual to facilitate your understanding of how to operate the camera:

[Item properties]:The optional properties in the camera interface are indicated by the [] symbol.

Trademark Information

- The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.



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- Google and Google Play are trademarks of Google Inc.
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- QR Code is a trademark of Denso Wave Inc.
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SAFETY NOTES

Safety Notes for this Camera

- Do not drop the camera or allow it to hit solid objects.
- Do not attempt to disassemble or repair the camera.
- Do not use or store the camera in dusty places or on a beach to help prevent dust or sand from entering the camera, causing possible damage.
- Do not use or store the camera in a hot environment or in direct sunlight.
- Do not use or store the camera near powerful magnetic fields, such as a magnet or transformer.
- Avoid touching the lens of the camera.
- Do not expose the camera to direct sunlight for a long period of time.
- To prevent the camera from being damaged by moisture, do not use or store the camera in very humid environments, such as in rain or near bodies of water.
- If water accidentally comes in contact with the camera, turn the camera off immediately, remove the battery and the memory card and dry it completely within 24 hours.
- When you take the camera from a cold environment to a warmer environment, condensation may occur. Please wait for a reasonable period of time before you turn the camera on.
- Before you remove the battery and memory card, the camera should be turned off.
- When you clean the body of the camera, do not use abrasive, alcohol-based or organic cleansers or solvents.

-
- Use a professional lens cleaning cloth and appropriate cleaner to wipe and clean the lens.
 - Download your photos and remove the memory card when you are going to store the camera for long periods of time.
 - If this camera is not in use for a long period of time, please keep it in a dry and clean storage location.
 - Our company will not pay compensation for any failure of playback including: pictures or videos damaged or unrecoverable by improper operation.

Safety Notes for Battery

- Please use a battery that is the same type as the one included.
- Please use the attached charger to charge the battery.
- If battery fluid leaks inside the camera, contact our customer service department immediately. If battery fluid leaks onto your skin, rinse your skin immediately with clean water and seek immediate medical attention.
- Disposal of used batteries should be carried out in accordance with your local (national or regional) regulations.
- To prevent the battery from being damaged, do not drop the battery or allow it to hit solid objects or to be scratched by foreign objects.
- Do not let the battery come in contact with metal objects (including coins) to avoid short circuiting, discharging, excessive heat or possible leakage.
- Do not attempt to disassemble the battery.
- Do not expose the battery to water. Always keep the battery contacts dry.
- Do not heat the battery or throw it into a fire to avoid a possible explosion.

-
- Do not store the battery in a hot environment or in direct sunlight.
 - If the battery overheats during charging or use, stop charging or use immediately. Turn off the product, remove the battery carefully, and wait until it cools down.
 - When the camera is stored for a long period of time, remove the battery and keep it in a safe, dry place that is not accessible to infants and children.
 - In colder environments, the performance of the battery could be noticeably reduced.
 - When you install the battery, align the battery markings according to the positive and negative markings inside the camera battery compartment. Never force the battery into the battery compartment.

Safety Notes for SD Memory Card

- We highly suggest buying only well-known, name brand memory cards to ensure peak performance and reliability.
- Format the memory card using the camera before you use it or insert a new one.
- Do not drop the memory card or allow it to hit solid objects to avoid damaging it.
- Do not attempt to disassemble or repair the memory card.
- Do not expose the memory card to water. Always keep it dry.
- Do not remove the memory card when the camera is turned on. Otherwise, the memory card and photo/video files could be permanently damaged.
- Do not directly edit the data on the memory card. Copy the data to your computer before you edit files.
- When the camera is stored for long periods of time, be sure to download your photos and remove the memory card. Store the memory card in a dry environment.

-
- Do not modify the name of the files or folders of the memory card using your computer. Modifying the file names may cause the files to not be recognized on the camera or a possible permanent error may occur.
 - A photo taken with the camera will be stored in the folder that is automatically generated on the memory card. Do not store photos that are not taken using this camera in these folders as the pictures cannot be recognized during playback.
 - When you insert the memory card, make sure the notch of the card matches the markings on the top of the camera card slot.

Other Safety Notes

- Do not disconnect the power or turn the camera off during the update process. Doing so may cause incorrect data to be written and the camera may not power on later.
- Do not hang the neck strap of the camera around the neck of a child.
- When using your camera on an airplane, observe the relevant rules specified by the airline and FAA regulations.
- Due to the limitations of manufacturing technology, the LCD may have a few dead or bright pixels. These pixels do no effect the quality or performance of the camera, photos or video.
- Do not expose the camera's LCD to water. In a humid environment, only wipe it with a soft, dry, cleaning cloth.
- If the LCD is damaged and the liquid crystal comes into contact with your skin, wipe your skin with a dry cloth immediately and rinse it with clean water. If liquid crystal comes into contact with your eyes, wash them with clean water at least for 15 minutes and seek immediate medical attention. If you accidentally swallow liquid crystal, rinse your mouth immediately and seek medical attention.

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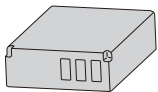
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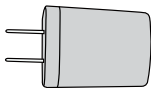
GETTING READY

Accessories Included

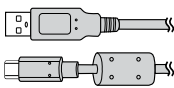
Your camera box should contain the camera model you purchased along with the following accessories. If anything is missing or appears to be damaged, please contact your retailer first or our customer service center (Based on sales in different countries or regions, the shape of the AC adapter will vary. Please subject to the actual product will prevail.)



Rechargeable
Li-ion Battery



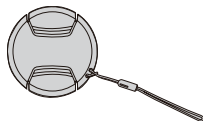
AC Adapter



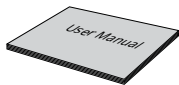
USB Cable



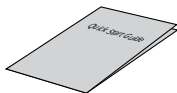
Neck Strap



Lens Cap with Strap



User Manual



Quick Start Guide



Warranty Card

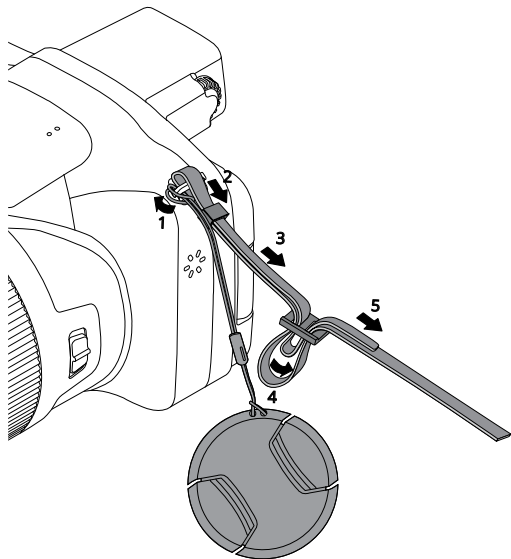


SD Card

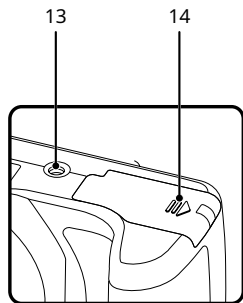
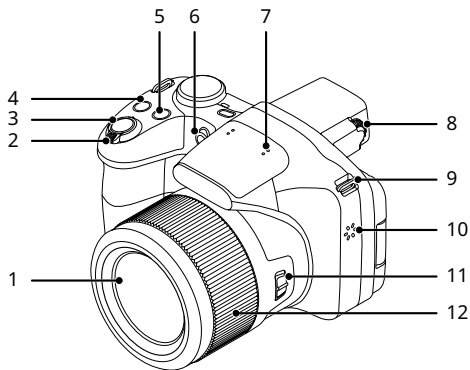


Pouch

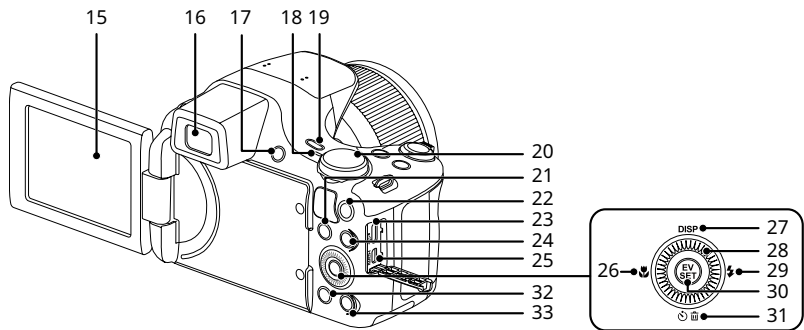
Installing Lens Cap and Neck Strap



Button Overview



- | | | | | | |
|---|----------------|---|----------------------------------|----|--------------------------|
| 1 | Lens | 6 | AF Assist Beam / Self-timer Lamp | 10 | Speaker |
| 2 | Zoom Lever | | | 11 | Lens Function Ring Lever |
| 3 | Shutter Key | 7 | Microphone | 12 | Lens Function Ring |
| 4 | ⊗ Aperture Key | 8 | Diopter Adjustment Knob | 13 | Tripod Socket |
| 5 | Ⓚ Burst Key | 9 | Strap Eyelet | 14 | Battery Cover |



15 Vari-angle LCD

16 Electronic View Finder (EVF)

17  EVF / LCD Switch Key

18 Indicator Lamp

19 Power Key

20 Mode Dial

21  AE-L / AF-L Key

22  Fast Video Recording Key

23 USB Port

24  C1 Key

25 Micro HDMI Port

26  Macro Key / Arrow Key (Left)

27  DISP Key / Arrow Key (Up)

28 Dial Key

29  Flash Key / Arrow Key (Right)

30  EV / SET Key

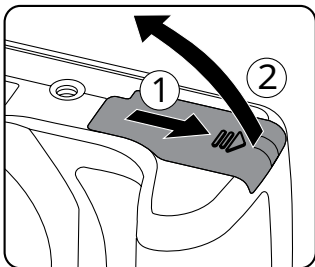
31  Delete Key / Self-timer Key / Arrow Key (Down)

32  Menu Key

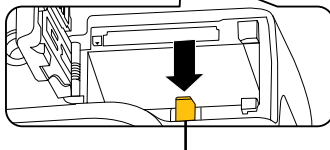
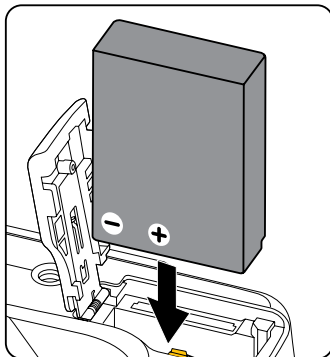
33  Playback Key

Installing the Battery and SD Memory Card

1. Open the battery cover door.

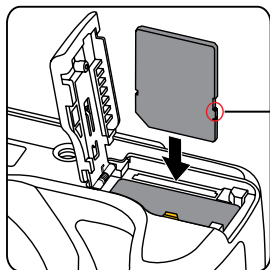


2. Insert the battery into the battery compartment according to the negative and positive directions as illustrated in the picture. Push the battery down until it locks in place.



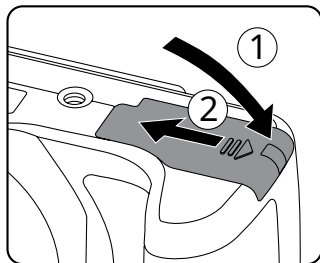
Battery Lock Knob

3. Insert the SD memory card into the memory card slot as shown in the diagram.



Write Protection
Toggle Switch

4. Close the battery door cover.

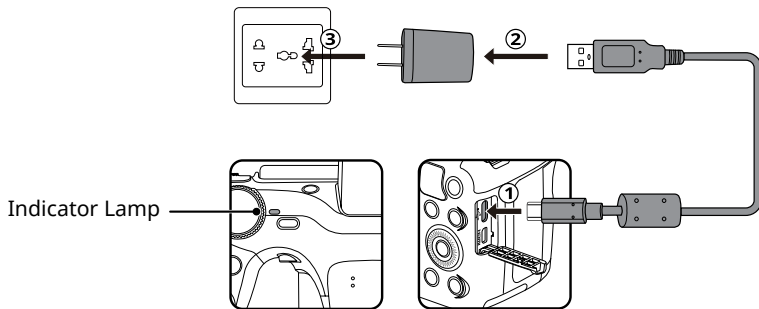


To remove your memory card, open the battery cover door, gently press the memory card to eject it and remove it carefully.

Charging the Battery

Before you charge the battery, you should turn the camera off and properly insert the battery. Otherwise, there will be no charging prompts after connecting the AC adapter.

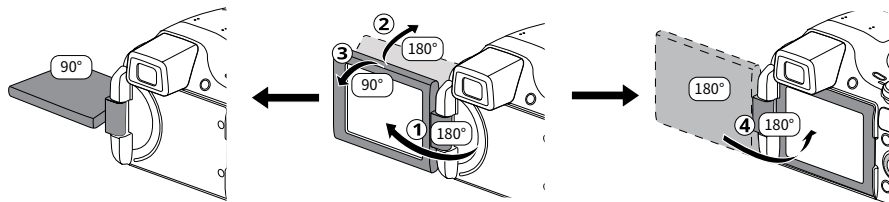
1. Connect the camera to the power charger using the supplied USB cable.
2. Insert the plug of the power charger into the power outlet to charge the battery.



- After the battery is stored for long periods of time, use the supplied power charger to charge the battery prior to use.
- Charging indicator:
 - Steady orange: Charging
 - Steady green: Charging completeTo maximize battery life, charge the battery for at least 4 hours the first time.
- Please charge the battery indoors between 0°C and 40°C (32°F and 104°F).

Vari-Angle LCD

The LCD is housed in the camera's body. You may follow the directions shown below to move it as needed:



1. Open the LCD panel along the direction shown by arrow ①.
2. Rotate up to 180° along the direction shown by arrow ②.
3. Rotate up to 90° along the direction shown by arrow ③.
4. Close the LCD to use while shooting ④.



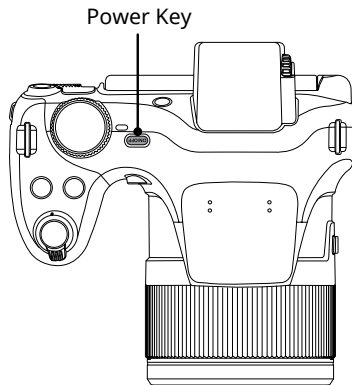
Please don't rotate the LCD with excessive force to prevent damages.



Please turn off the LCD along the direction shown by arrow ④ after use to protect it from scratches.

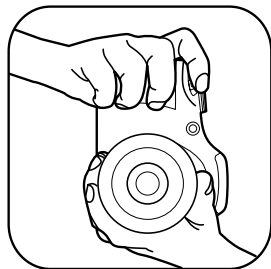
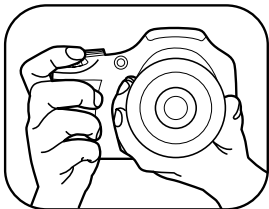
Turning Camera On and Off

Press the Power key to turn the camera on. To turn the camera off, press the Power key again.



When the power is off, press and hold the playback key (⏮) to power on and enter Playback mode.

How to Take Pictures



1. Hold the camera with both hands, being careful to not block the flash and lens with fingers.
2. Point the lens toward the object you want to take a picture of, and then frame it with the LCD.
3. Use the Zoom Lever to select Tele or Wide positions to zoom in or out on your subject.
4. Press the Shutter Key halfway to focus on the subject. When the focus frame turns green, press the Shutter Key down completely to take the picture.

Set your Language, Date / Time

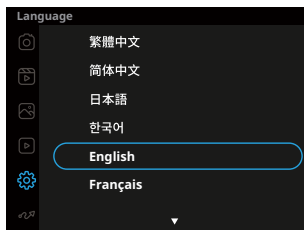
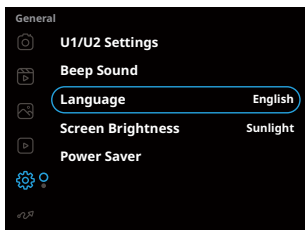
Set your Language, Date / Time after the First Power-On

1. When you turn the camera on for the first time, the language selection screen appears.
2. Press the [ DISP] / [ ] keys to select your desired language.
3. After you press the  key to confirm your language selection, the [Set Time] settings screen will appear.
4. Press the [ ] / [ ] keys to select [Region] / [Daylight] and press the  key to confirm. Press the [ DISP] / [ ] keys to select an option and press the  key to confirm.
5. Press the [ ] / [ ] keys to select [Region], press the [ DISP] / [ ] keys to select the [Date/Time] and press the  key to enter the menu. Press the [ ] / [ ] keys or roll the Dial Key to select the adjustment block: This information is displayed in YYYY.MM.DD/HH:MM. Press the  key to confirm.
6. Press the [ DISP] / [ ] keys or roll the Dial Key to adjust the value for the desired Date/Time. Press the  key to confirm. Press the [ ] key to select [Confirm] and press the  key to confirm.
7. Press the [ ] key to select [Confirm], press the  key to confirm and the shooting screen will appear.

Resetting your Language

After you set your language for the first time, follow the instructions below to reset your language.

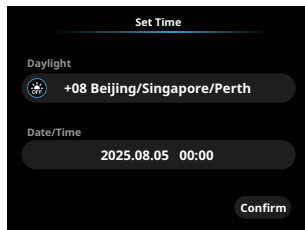
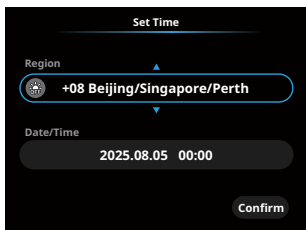
1. Press the  key and select , press the  key to enter the menu.
2. Press the [ **DISP**] / [ ] keys to select  and press the  / [ ] key twice to enter the menu.
3. Press the [ **DISP**] / [ ] keys to select [Language] and press the  / [ ] key to enter the menu.
4. Press the [ **DISP**] / [ ] key to select your desired language and press the  key to confirm.
5. Press the  key and the shooting screen will appear.



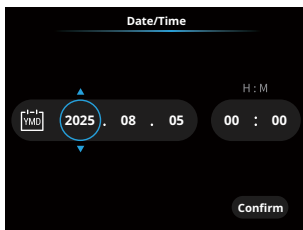
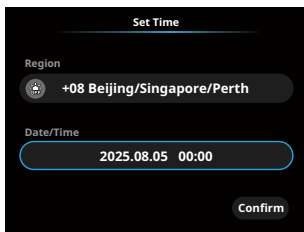
Resetting Date / Time

After you set your Date / Time for the first time, follow the instructions below to reset daylight, region, date and time.

1. Press the  key and select , press the  key to enter the menu.
2. Press the [ **DISP**] / [  ] keys to select  and press the  / [ ] key twice to enter the menu.
3. Press the [ **DISP**] / [  ] keys to select [Set Time] and press the  / [ ] key to enter the menu.
4. Press the [ ] / [ ] keys to select [Region] / [Daylight] and press the  key to confirm. Press the [ **DISP**] / [  ] keys to select an option and press the  key to confirm.



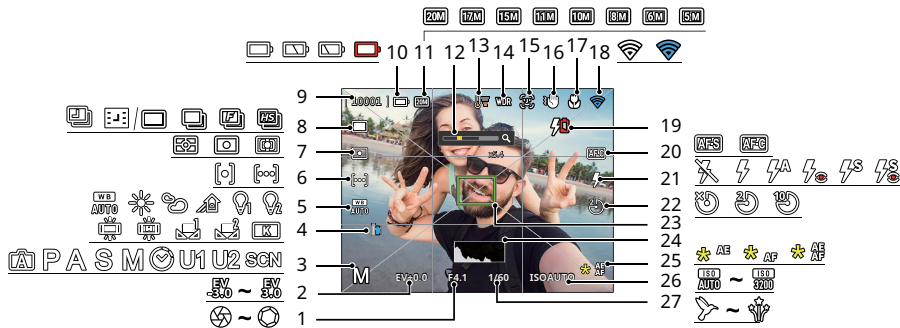
5. Press the [◀🌸] / [▶⚡] keys to select [Region], press the [▲DISP] / [▼🗑] keys to select the [Date/Time] and press the (EV SET) key to enter the menu. Press the [◀🌸] / [▶⚡] keys or roll the Dial Key to select the adjustment block: This information is displayed in YYYY.MM.DD/HH:MM. Press the (EV SET) key to confirm.
6. Press the [▲DISP] / [▼🗑] keys or roll the Dial Key to adjust the value for the desired Date/Time. Press the (EV SET) key to confirm. Press the [▼🗑] key to select [Confirm] and press the (EV SET) key to confirm.



7. Press the [▼🗑] key to select [Confirm] and press the (EV SET) key to confirm.
8. Press the (EV SET) key to confirm the time settings and the shooting screen will appear.

LCD DISPLAY

Overview of the Screen Icons in Shooting Mode



1 Aperture Value	9 Number of Remaining Shots	15 Face Detection	22 Self-timer
2 EV Value		16 OIS	23 Focus Frame
3 Shooting Mode	10 Battery Status	17 Macro Mode	24 Histogram
4 SMART Ring Setting	11 Image Size	18 Wireless Status	25 AEL&AFL Lock
5 White Balance	12 Zoom Display	19 Flash Charging Status	26 ISO Value
6 Focus Area	13 High Temperature Warning	20 AF Mode	27 Shutter Speed
7 Exposure Metering		21 Flash Mode	
8 Burst	14 WDR		

Overview of the Screen Icons in Movie Mode



1 Movie Mode	8 Battery Status	15 Wireless Status
2 SMART Ring Setting	9 Video Size	16 Cont.AF
3 White Balance	10 Frames	17 Force Off (Flash)
4 Focus Area	11 Zoom Display	18 Self-timer
5 Exposure Metering	12 High Temperature Warning	19 AEL&AFL Lock
6 WDR Video	13 Face Detection	
7 Maximum Record Time	14 Anti-shake	

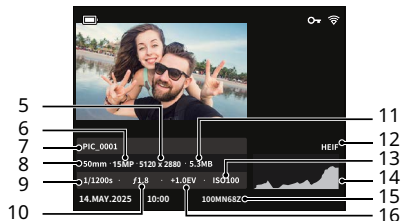
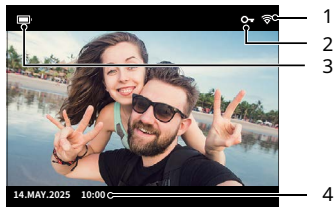


To achieve the optimal video recording and photo-taking experience, it is recommended to use an SDHC or SDXC Class 10 or higher storage card.



Optical Zoom and Digital Zoom can be adjusted (272X in total). Digital Zoom can be adjusted to 4X.

Overview of the Screen Icons in Playback Mode

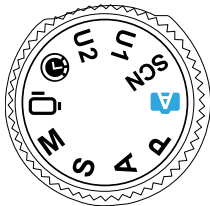


1 Wireless Status	7 File Name	13 ISO Value
2 File Protection	8 Focal Length	14 Histogram
3 Battery Status	9 Shutter Speed	15 Folder
4 Capture Date and Time	10 Aperture Value	16 EV Value
5 Resolution	11 File Size	
6 Image Size	12 File Format	

BASIC OPERATION

Using the Mode Dial

This camera provides a convenient Mode Dial that allows you to manually switch between different modes with ease.



Auto Mode

In this mode, the optimal conditions for taking pictures will be set based on the subject and environment. It is the most commonly used mode for taking pictures.

Auto

The camera automatically adjusts the exposure and focus to ensure the best possible pictures.

Landscape

For landscapes, the camera automatically adjusts the exposure to match the background.

Portrait

Most suitable for capturing people with focus on their faces.

Night Portrait

When you take portraits at night or in low light conditions, the camera automatically adjusts the exposure for people and night scenes.

Backlit Portrait

When the sun or any other light source is behind you, the camera automatically adjusts the foreground exposure to produce the best pictures possible.

Night Landscape

For night scenes, the camera automatically increases the ISO value to compensate for low light.

Macro

The macro setting is ideal for shooting small objects or close-up photos.

Program AE **P**

Under different scenes, the user can switch the ISO and EV value according to personal preference, the camera can automatically set the shutter speed and aperture value.

Aperture Priority **A**

In this mode, you can adjust the aperture size, EV and ISO values. The large aperture is to highlight the object focused through blurring the background, while the small aperture is for clear focus on both the background and the object.

Shutter Priority **S**

Setting allows you to adjust the shutter speed / EV value and ISO value. The camera automatically sets the aperture value based on the shutter speed and ISO value to get the most appropriate exposure value.

Manual Mode **M**

This mode is for manually setting the aperture, shutter speed and ISO value.

Movie Mode

Switch to this mode to record videos.

1. Press down the Shutter Key to start recording.
2. Once you are finished, press the Fast Video Recording Key  or the Shutter Key to stop recording and return to the shooting screen.

Time-lapse Mode

Time-lapse Photo

Capture photos at the selected interval.

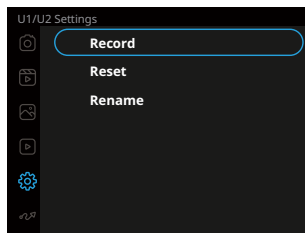
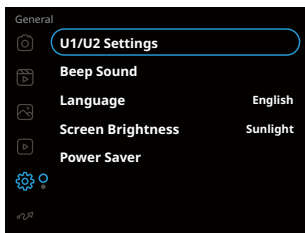
Time-lapse Video

A time-lapse video combines images automatically captured at specified intervals.

U1/U2 (User Define) U1 / U2

The user can store frequently used shooting modes / parameters and switch to this mode for a quick adjustment.

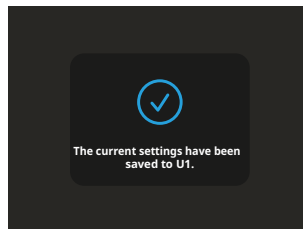
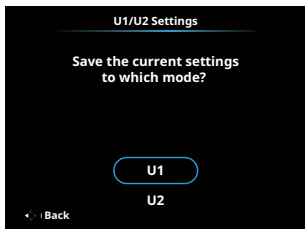
1. Select any mode to be stored. Set your desired parameters in the current mode.
2. Press the  key and select , press the  key to enter the menu.
3. Press the [ DISP] / [ ] keys to select  and press the  / [ ] key twice to enter the menu.
4. Select [U1/U2 Settings] and press the  / [ ] key to enter the menu.



Record

Save the current mode and parameters in U1 or U2 mode.

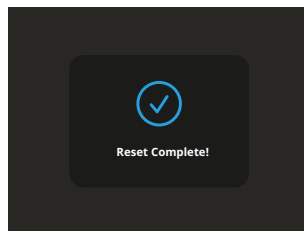
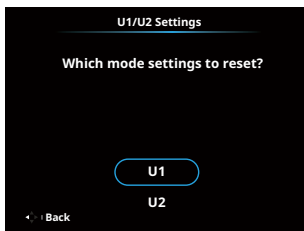
5. Select [Record] and press the  / [ ] key to confirm. Press the [ DISP] / [ ] keys to select [U1] or [U2] and press the  key to confirm.



Reset

Reset the parameters in U1 or U2 mode.

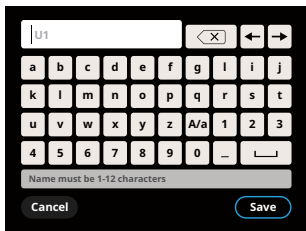
- Press the [▲ DISP] / [▼ ⏻] keys to select [Reset] and press the (EV SET) / [▶ ⚡] key to confirm. Press the [▲ DISP] / [▼ ⏻] keys to select [U1] or [U2] and press the (EV SET) key to confirm.



Rename

Re-enter the U1 or U2 mode name. The mode name can be a combination of numbers and/or letters. It can be up to 12 characters.

7. Press the [**▲ DISP**] / [**▼**  ] keys to select [Rename] and press the  / [**▶ ⚡**] key to confirm. Press the [**▲ DISP**] / [**▼**  ] keys to select [U1] or [U2] and press the  key to confirm.



Meanings of Interface Icons	
	Delete the last letter
	Switch the display of letters in capital and lowercase
 	Move the cursor
	Input space

8. After re-entering the U1 or U2 mode name, select [Save] / [Cancel] and press the  key to confirm.
9. Turn the Mode Dial to switch to the **U1 / U2** and press the  key to enter the shooting screen.



When the **U1 / U2** mode is used for the first time, it defaults to **M** Mode and its parameters.