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Transmitter MZ and Receiver MZ

The transmitter MZ transmits remote control signals using infrared rays.

The receiver MZ receives the signals from the transmitter MZ or from the Mamiyalite MZ36R or MZ18R for operating the camera or flashing the MZ36R as a slave flash.

Two channels are provided to eliminate the problem of interference and allow two cameras to be operated separately.

Once the winder is mounted on the camera, single-frame shots or continuous shots can be selected using the switch on the transmitter.

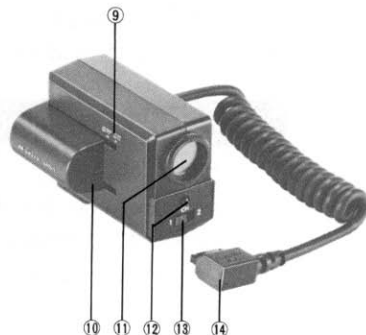
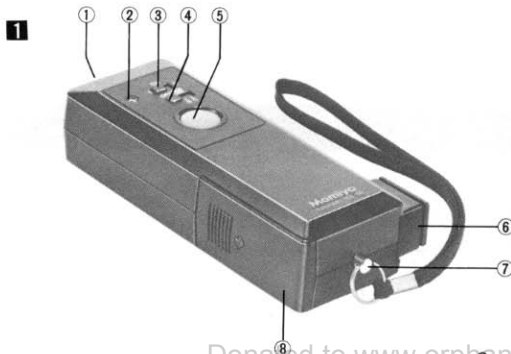
Names of Parts (Photo 1)

Transmitter MZ

1. Transmission head
2. Pilot lamp
3. Channel selector
4. Power/S-C selector switch
5. Transmission button
6. Attachment foot
7. Attachment foot lock button
8. Battery chamber cover

Receiver MZ

9. ON/OFF index
10. Battery case/power switch
11. Receiving sensor
12. Operation indicating lamp
13. Channel selector
14. Plug

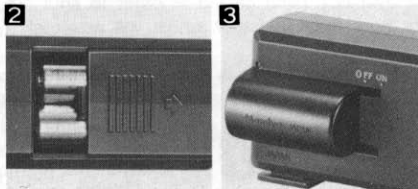


Loading the Batteries

Transmitter MZ

Slide the battery chamber cover outward in the direction of the arrow. Insert the batteries, making sure to match the positive and negative polarities of the batteries as indicated in the battery chamber, and then replace the cover. (Photo 2)

Use two alkaline-manganese or nickel-cadmium 1.5V AA-size batteries.



Receiver MZ

Pull out the battery case, insert the battery taking care to match the positive and negative polarity of the battery as indicated in the case, insert the case into the grooves on the receiver and push it to the OFF position. (Photo 3)

This battery case also serves as the power switch. When it is slid fully into position, the power is switched on. If the case is left in this ON position, the battery power

will drain off approximately 5 hours later (if a silver oxide battery is used) and so the case should be pushed back to the OFF position when the receiver is not being used.

Use one 6V alkaline-manganese battery (4LR44), silver oxide battery (4SR44) or lithium battery (2CR-1/3N).

When the receiver MZ is mounted on the camera attached the Mamiya Winder, or on the Mamiyalite MZ36R, the receiver's battery is not required, since power from the winder or MZ36R is supplied to the receiver.

Transmission and Reception

Set the power switches of both the transmitter and receiver to ON. Set the channels on both units to 1 or 2.

Transmission is possible as soon as the transmitter's pilot lamp lights.

Single-frame shots can be taken by remote control when the transmitter's S-C selector switch is set to S. When the transmission button is depressed, the receiver's operation indicating lamp lights momentarily.

Continuous shots can be taken when the selector switch is set to C. When the transmission button is depressed, the receiver's operation indicating lamp stays lighted. It goes off when the transmission button is depressed again.

The Mamiyalite MZ18R and 36R electronic flash units also have a transmitting capability. After the mode selector switch on the flash unit is set to SLV and the channel is also set, press the test flash button on the flash unit.

The receiver then operates in the single-frame mode.

In cases like this, the flash unit emits a full power but the light is used only for transmission and not for illumination.

When a camera is operating by transmission using either the transmitter or the flash unit, there is a time lag of approximately 0.1 sec. between the transmission of the signal and the actual exposure moment.

Typical Applications (Page 31)

- | | |
|-------------------|--------------------|
| 1. Transmitter MZ | 4. Mamyalite MZ18R |
| 2. Receiver MZ | 5. Mamyalite MZ36R |
| 3. Winder ZE | |

Remote Control Photography

Attach the receiver MZ to the hot shoe of a camera with the winder mounted on it.

The battery of the receiver is not required when the winder is attached to the camera, so the receiver's power switch should be set to the OFF position, or the battery case should be removed. Power will be supplied to the receiver when the winder switch is ON.

The receiver may be attached to the hot shoe in any one of the four directions, so that the receiver should be attached so that the receiving sensor is facing the transmitting point.

Connect the receiver's plug to the socket on the camera.

When the left-hand release grip ZE-X is mounted on the camera, connect the receiver's plug to the socket on the side of the grip.

Operate the transmitter and receiver as described in the previous section. In the single-frame mode, pressing the transmission button releases the shutter only once. In the continuous mode, shooting starts with the first press of the transmission button. When the button is pressed the second time, shooting stops.

When shooting with the camera set to the AE mode, keep the eyepiece blind closed in order to shut out incident light from the viewfinder which will adversely affect the exposures.

When the shutter button is depressed with the receiver mounted, the shutter is tripped regardless of the receiver.

Slave Flash Operation

Attach the receiver MZ to the shoe on the Mamyalite MZ36R and connect the plug to the MZ36R socket. The receiver's battery is not required since power is supplied from the flash unit.

Set the mode of the MZ36R or MZ18R attached to the camera to SLV and set the channel to match the same channel already set on the receiver MZ. The receiver MZ is designed to be inserted into the shoe in any of the four directions. Attach it so that its receiving sensor is pointing toward the camera where the main flash will be emitted.

At the same time as the flash unit mounted on the camera flashes the MZ36R-attached receiver MZ will flash.

The flash unit mounted on the camera emits a full power. However, the MZ36R used as a slave flash can be used in the auto mode.

Transmitter's Attachment Foot

When the transmitter's lock button is depressed, the attachment foot pops out. When mounted on the camera's hot shoe and the shutter is released, signals are transmitted in synchronization with the X contact, enabling the Mamiyalite MZ36R with the receiver MZ attached to emit a slave flash. Alternatively, it is possible to operate a camera with the receiver MZ mounted.

To retract the attachment foot, push in the foot with the lock button depressed and then leave go of the button.

A synchro cord socket is provided on the side of the attachment foot to enable the connection of a camera which does not have a hot shoe by using the optional sync cord MSC-2.

Specifications

Operation range: Approx. 60m in a straight-line course with no obstacles in the path; 35m if the receiving angle is 20°, and 15m if the receiving angle is 45° against the axis of the transmitter.

Operation modes: S/C changeover possible

In S mode, receiver operates once only whenever the transmitter transmits.

In C mode, operation is continuous with initial transmission until next transmission.

Number of channels: 2

Power source:

Transmitter MZ: Two 1.5V AA-size alkaline-manganese or nickel-cadmium batteries.

Receiver MZ: One 6V alkaline-manganese (4LR44), silver oxide battery (4SR44) or lithium battery (2CR-1/3N). Battery is not required when using with the winder ZE or Mamiyalite MZ36R.