



# MIRANDA

model D

**MIRANDA CAMERA CO., LTD.**

*Tokyo Japan*

## ACCESSORIES FOR THE MIRANDA D



### CHEST-LEVEL COLLAPSIBLE VIEW FINDER (VF 1)

The VF 1 viewfinder opens and closes with a touch. A hinged magnifier is quickly raised for accurate focusing. As with all other viewfinders in which the image is seen from the top of the camera, the image is reversed from right to left.



### CRITICAL FOCUSER (VF 3)

This finder is unique in design and efficiency. It can be used either in its upright position with a large eye-piece, which magnifies the ground glass image 5 times while permitting a view of the entire field of view, or it can be folded down, bringing into position a powerful compound

eye-piece which magnifies the central part of the image by 15 times and is especially useful for microphotography. However, with this finder, the image is reversed from right to left.

### SPLIT-IMAGE RANGEFINDER

A special ground glass, with a built-in split-image rangefinder of unique quality, can be substituted for the standard ground glass. With

it, fast, needle-sharp focusing is assured even under adverse light conditions. This rangefinder is effective with all lenses and even when making ultra close-up pictures, for example pictures of insects, and for microphotography.



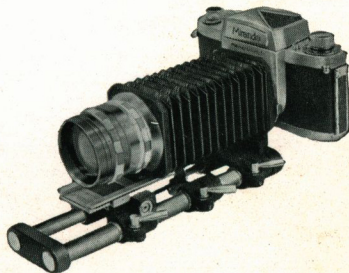
### SET OF EXTENSION TUBES

When an extreme close-up is desired at a distance less than 16 inches, extension tubes are available to be used between the camera and the lens. These tubes

are supplied in length of 8, 16 and 32 mm. and enable the photographer to take full-frame pictures of insects, postage stamps, and even smaller subjects.

### FOCABELL (Focusing bellows)

The Focabell is very convenient for taking close-up pictures since it focuses very quickly and easily over an extreme range. There are two provisions for changing the focus, one for rapid shifts and one for critical adjustment. The camera can be positioned either horizontally or vertically. In addition to MIRANDA standard and telephoto lenses, lenses of many other makes can be used with MIRANDA adapters.



### MIRANDA AUTOMATIC LENS (f: 1.9 50 mm. focal length)

This lens is a special product, with an iris diaphragm which functions in synchronization with the focal plane shutter. You view and focus with the lens wide open at f 1.9, then as you press the shutter release button, the diaphragm shuts down automatically to the selected aperture. When you release your finger pressure from the shutter button after taking a picture, the diaphragm automatically returns to its wide, open position.



Recently designed and made of rare earth high refractive glass, the lens is of 4-group, 6-element construction. It is substantially free of all aberrations, and will give extremely fine results with color film. This objective is hard-coated, and is designed to permit accurate focusing down to a distance of only 17 inches, permitting the taking of detailed photographs of flowers, printed matter, etc. without attachments. A control button is provided which disconnects the automatic diaphragm mechanism and puts the diaphragm under manual control, the same as any ordinary non-automatic lens.

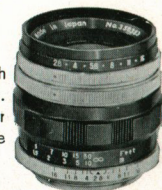
### MIRANDA TELEPHOTO LENS (f: 3.5 135 mm. focal length)



This lens, with four elements made from rare earth glass, is hard-coated and covers a field of view of 18 degrees. It is color corrected and is excellent for color photography. The Miranda 135mm. lens is made to a special formula exclusively for the MIRANDA camera.

### MIRANDA WIDE ANGLE LENS (f: 2.8 35 mm. focal length)

This lens, with five elements made from rare earth glass, is hard-coated and covers a field of 64 degrees. It is color corrected and is highly recommended for color photography. Like the 135 mm. lens, it is made to a special formula exclusively for the MIRANDA.



### VARIOUS LENS ADAPTERS

#### X•M ADAPTER

With this adapter, any lens made for the Exakta camera may be used with the MIRANDA.

#### P•M ADAPTER

With this adapter, any lens made for the Praktica or Pentacon camera may be used with the MIRANDA.

#### L•F ADAPTER

Adapter for close-up photography with Leica and Canon threaded lenses.

#### CS•F ADAPTER

Adapter for close-up photography with Contax and Nikon standard lenses.

#### CT•F ADAPTER

Adapter for close-up photography with Contax and Nikon telephoto or wide-angle lenses.

### MICROSCOPE ADAPTER

By using a microscope adapter between your MIRANDA and a microscope, substituting the microscope's eyepiece for the camera lens, microphotography is possible.



#### SHUTTER AND FILM WINDING

Shutter operation is smooth, quiet, and vibration-free. High and low-speed dials are together, on top of the camera. They are easy to read and adjust. Shutter speeds may be set either before or after the shutter is cocked. The position of the shutter speed index tells whether or not the shutter is cocked.

The speeds are:

B, 1, 1/2, 1/4, 1/8, 1/15, 1/30, X, 1/60, 1/125, 1/250, 1/500.

A single short, easy stroke of the film-winding lever advances the film for the next exposure, registers the exposure on the exposure counter dial, and simultaneously cocks the shutter.

#### SHUTTER RELEASE BUTTON

The shutter release button of the MIRANDA is in front, out of the way of the speed control dial. The front position makes it possible to squeeze the release between the index finger and the thumb. It greatly reduces the risk of camera shake at the instant the exposure is made. With the MIRANDA any slight movement from pressing the shutter release will be in a front-to-back direction having no effect on the picture. On the other hand, in a camera having the shutter release on top, such movement is up and down and definition is affected.

#### MIRANDA STANDARD LENS (f 2.8 50mm. focal length)

This three-group, 5-element hard-coated lens is made of rare earth high refractive glass. It is substantially free of aberrations, and is highly recommended for color photography. It can be focused down to a distance of only 16 inches, permitting the taking of detailed photographs of flowers, printed matter, etc. without attachments. The field of view is a full standard 48° compared with the narrower field which is afforded by 55mm. and 58mm. lenses. The diaphragm is the pre-set type.

#### RAPID REWIND CRANK

Exposed film is quickly rewound into the cartridge with the rewind crank built into the rewind knob.

Below the rewind knob is a film indicator. When the camera is loaded, the type of film and its ASA speed number can be set against a red arrow. It will then be a reminder of the kind of film loaded in the camera.

#### FLASH SYNCHRONIZATION

FP (conventional flash) and X (electronic flash) terminals are provided. Flash bulbs may be inserted either before or after the shutter is cocked without risk of unintentional firing. A special bracket is available providing a standard shoe to which any shoe-mounted flash unit can be attached.



# MIRANDA



#### VIEWFINDER

The high precision pentaprism finder used at eye-level gives a clear accurate view. This viewfinder permits you to see where the exact edges of your picture will be. Since the scene is viewed through the lens itself, parallax is impossible. The optical effect is an image which is virtually full life size and nearly as bright as when seen directly without the camera. The image is not reversed from right to left. Sports and other fast moving actions are easily followed. The fine grain quality of the ground glass is unique, which makes for accurate focusing and also helps in observing the depth of field. A Fresnel lens assures that the field of view will be bright to the edges.

The viewfinder works equally well for both viewing and focusing with wide angle and the longest telephoto lens, at all distances from infinity to extreme close-up.

#### EYEPIECE

The large eyepiece permits viewing without removing your glasses. If you prefer to take off your glasses, an eyesight adjuster enables you to make the necessary compensation.



#### INSTANT-RETURN MIRROR

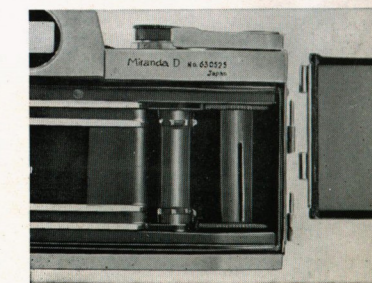
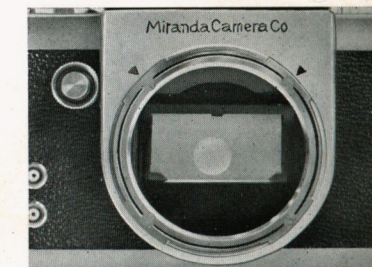
One of the advanced features of the MIRANDA D is the instant return mirror. When the shutter release button is pressed, the mirror swings up permitting the light rays from the lens to reach the film as the focal plane shutter opens. Immediately after the film is exposed the mirror returns to the viewing position. When the mirror is up, the view through the viewfinder is momentarily blocked out, but, at speeds of 1/15 second and faster, the mirror returns to the viewing position so quickly that the photographer hardly notices the interruption. This is an important aid in following fast action, and when fleeting expressions are important to the success of the picture.

#### UNIQUE LENS MOUNT

The inner diameter of the MIRANDA lens mount is much larger than on any other 35mm. camera. This makes it possible to use modern high-speed long-focal-length lenses without vignetting. The large diameter of the mount also prevents vignetting when fast standard focal length lenses are used, extended from the camera, when taking extreme close-up pictures. To give maximum versatility, the mount is screw-threaded inside and bayonet-flanged outside. The bayonet mount, used for the MIRANDA automatic diaphragm lenses and the Focabell close-up device, has four flanges and is exceptionally precise and strong. Lenses are attached and removed with only a 1/8th turn.

#### HINGED BACK

The hinged back permits easy film loading. By pressing it upward, the back can be removed from the camera body.



## FEATURES OF THE MIRANDA **D**

1. **The Eye-level Viewfinder** offers a view-finding image which is brilliant, evenly illuminated, full life size, has no parallax, is precisely defined at the edges, is grainless, and is not reversed from right to left.
2. **The Miranda Lenses** utilize a new design made possible by recently improved rare earth glass with remarkable properties. They will make pictures of extraordinary sharpness and brilliance. Instead of interchanging merely the front element of a lens, the MIRANDA offers the much superior sharpness and quality of true wide angle and telephoto lenses.
3. **The Lens Mount Opening** is larger than any other 35mm. camera. This makes it possible, with adapters, to use lenses made for other cameras. It also eliminates vignetting when the lens is extended for taking close-ups, and when a fast lens of long focal length is used.
4. **Close-Up Photography is Convenient** because the lens can be focused as close as 16 inches without any attachment. Still closer pictures can be made easily.
5. **The Instant-Return Mirror** on the MIRANDA is superior to that on any other camera. Immediately after a picture is taken, the mirror returns to the viewing position. The interruption in viewing is so short it is hardly noticed. This is important when following fast action or catching a fleeting expression.
6. **The Rapid Film-Winding Lever** has a short convenient stroke. The purpose of such a lever is defeated if the stroke is very long.
7. **Quiet, Vibration-Free Operation** is a result of the precision quality and superior design of the MIRANDA shutter and mirror mechanism.
8. **Lens Adapters** permit the use of 136 lenses with mounts of the Exakta, Practica and other single-lens reflex types. Canon, Leica, Nikon and Contax lenses may also be used with adapters for close-up photography.
9. **MIRANDA Camera Quality** means that in the concept of this camera, in its design, and in the making of each component part, only one principle has been observed, and that is that the MIRANDA must be the finest 35 mm. camera in the world. The MIRANDA is the first camera of its type to be made in Japan. It incorporates many original design features, some of which are still unique. Its maker offers it to you with confidence and pride.

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