

# MINOLTA FLASH METER II

## 1975



Serial Nr. 115023  
Minolta Code: 1509

### Characteristics and Functions

The Flash Meter II was presented in 1975 as an evolution of the 1969 Flash Meter. The body of the device is now in black plastic with a 270 ° rotatable head for a more comfortable measurement. This new architecture will always follow all future Flash Meter and Auto Meter realizations so that the accessories will be compatible on all devices. Three types of measurements are possible with this light meter. The "CORD" measurement of flash lights using the socket located in the center at the bottom of the Flash Meter II seen from the front, where to insert the syncro-cord of the flash device or the Syncro-Cord II (optional accessory); "NON CORD" ie measurement of synchronized flash lights and simultaneous ambient light; "MULTI" ie measurements of unsynchronized,

multiple or successive flashes added to the ambient light. The Minolta Flash Meter II is supplied complete with the spherical diffuser for incident light and the accessory for measuring reflected light. The two large lateral wheels located in the lower part of the instrument are used, by turning them, to set: 1) the synchronization / flash time, using the left knob that moves the time visible in the "Time" window. 2) to set the sensitivity of the film used by turning the ring on the right which is used to vary the "Asa" index visible in the window on the right. The large red button located at the top along the right side of the meter serves to store the measurement when fully pressed. The black switch surrounding the red button is used to set the functions: "Off", "Cord", "Non.C", "Multi" on the Flash Meter II. This choice is highlighted by the corresponding wording visible in the window located on the front side near the selector itself. There are also three LEDs, one green, which is used to evaluate the state of charge of the battery ("Reset B.C.": to carry out the check, lightly press the red measurement button to get the green LED to come on, if the battery inserted is efficient), and two red ones that serve to highlight a condition of poor light, therefore out of the range of the correct measurement (red led "Under"); and in case of excessive light that requires the use of the 4x spherical diffuser (red "Over" LED). Next to the measurement taken which is highlighted with the red digits that appear in the window "FNo." there are two red LEDs that can be turned on next to the writing "1/3" or "2/3", which serve to indicate the presence of overexposure of a third or two thirds of diaphragm. For example, with a reading = 8.0 and the simultaneous lighting of the LED at 1/3 it means that we are in the presence of overexposure of a third of a diaphragm: therefore an intermediate diaphragm must be set between 8 and 11 to have the most correct exposure possible by introducing a very slight underexposure canceled by the exposure latitude of the films. On the back of the instrument we find the scale of the diaphragms found in reading and the conversion during the use of the accessory for reflected light, the socket for the use of the mini receptor, the adjustment screw for the fine calibration of the Flash Meter II ( use a small screwdriver), the table for using the Flash Merer as an Auto Meter for readings in ambient light, the serial number, the screw for using the tripod and the sliding door of the battery compartment. Along the underside there is a small trapezoidal-shaped metal ring that is used for the use of the shoulder strap. Power is supplied by a 9v 6LR61 type battery. Optional accessories are available such as the "10 ° Viewfinder", the "Sync.Cord II", the "Mini Receptor", the "4x Spherical ND Diffuser", the "Flat Diffuser".

Weight 335g. with spherical diffuser, battery excluded.

Width 80mm. Height 150mm. Thickness 42mm.