




# LEICA M (TYP 262)

## Technical Data.



<b>Camera</b>	<b>Leica M (Typ 262)</b>
Order no.	10 947
Camera type	Compact digital view and rangefinder system camera
Lens attachment	Leica M bayonet with additional sensor for 6-bit coding
Lens system	Leica M lenses from 16 - 135 mm
Picture format/ image sensor	CMOS chip, active area approx. 23.9 × 35.8 mm (corresponds to usable format of analog Leica M models)
Resolution	DNG™: 5976 × 3992 (24 MP), JPEG: 5952 × 3968 (24 MP), 4256 × 2832 (12 MP), 2976 × 1984 (6 MP), 1600 × 1072 (1.7 MP)
Data formats	DNG™ (raw data), compressed loss-free, JPEG
File size	DNG™: 20–30 MB, JPEG: Depending on resolution and picture content
Buffer memory	1 GB/8 pictures in series
Color space	sRGB
White balance	Automatic, manual, 7 presets, color temperature input
Storage medium	SD cards up to 2 GB/SDHC cards up to 32 GB/SDXC cards
Menu languages	German, English, French, Spanish, Italian, Japanese, Traditional Chinese, Simplified Chinese, Russian, Korean
Compatibility	Windows® 7® / 8®; Mac® OS X (10.5 or higher)
Exposure metering	Through The Lens (TTL) metering, with variable aperture, center-weighted TTL metering for flash exposure with system-compliant flash units
Metering principle/ method	By measuring the light reflected by the light blades of the 1st shutter curtain onto a measuring cell: strongly center-weighted
Metering range	(with ISO 200/24) At room temperature and normal humidity, corresponds to ISO 200 at aperture 1.0 EV0 to EV20 at aperture 32. Flashing of the left triangular LED in the viewfinder indicates values below the metering range
Sensitivity range	ISO 200 to ISO 6400, adjustable in 1/3 ISO increments, choice of automatic control or manual setting, PULL 100
Exposure mode	Choice of automatic shutter speed control with manual aperture preselection – aperture priority A, or manual shutter speed and aperture setting
<b>Flash exposure control</b>	
Flash unit attachment	Using accessory shoe with center and control contacts
Synchronization	Optionally triggered at the 1st or 2nd shutter curtain
Flash sync speed	⚡ = 1/180 s; slower shutter speeds can be used, if working below sync speed: Automatic changeover to TTL linear flash mode with HSS-compatible and system-compatible flash units
Flash exposure metering	(with system-compatible flash units, e.g. Leica SF 26) Control with center-weighted TTL pre-flash metering
Flash measurement cell	2 silicon photo diodes with collection lens on the camera base
Flash exposure compensation	± 3 1/3 EV, adjustable in 1/3 EV steps can be set (only with system-compatible flash units that do not have their own setting possibility)
Displays in flash mode (in viewfinder only)	Ready: Constant illumination of flash symbol LED in viewfinder, Function check: Continued illumination or brief rapid flashing of LED after exposure, underexposure indicator: LED temporarily goes out

<b>Viewfinder</b>	
Viewfinder principle	Large, bright line frame viewfinder with automatic parallax compensation
Eyeiece	Calibrated to - 0.5 dpt.; corrective lenses from -3 to +3 diopter available
Image field limiter	By activating two bright-line frames each: For 35 and 135 mm, or for 28 and 90 mm, or for 50 and 75 mm; automatic switching when lens is attached
Parallax compensation	The horizontal and vertical difference between the viewfinder and the lens is automatically compensated according to the relevant distance setting, i.e. the viewfinder bright-line automatically aligns with the subject detail recorded by the lens
Matching viewfinder and actual image	At a range setting of 2m, the bright-line frame size corresponds exactly to the sensor size of approx. 23.9×35.8 mm; at infinity setting, depending on the focal length, approx. 7.3% (28 mm) to 18% (135 mm) more is recorded by the sensor than indicated by the corresponding bright line frame and slightly less for shorter distance settings than 2m
Magnification	(For all lenses) 0.68 x
Long-base rangefinder	Split or superimposed image rangefinder shown as a bright rectangular field in the center of the viewfinder image
Effective metering base	47.1 mm (mechanical measurement base 69.25 mm × viewfinder magnification 0.68 x)
<b>Displays</b>	
In the viewfinder	Four-digit digital display with dots above and below, displays
On back	3" color TFT LCD monitor with 16 million colors and 921,600 pixels, approx. 100% image field, max. 170° viewing angle
<b>Shutter and shutter release</b>	
Shutter	Metal blade focal plane shutter with vertical movement
Shutter speeds	For aperture priority: <b>(A)</b> continuously from 60 s (ISO-dependent) to 1/4000 s. For manual adjustment: 8 s to 1/4000 s in half steps. <b>B:</b> For long exposures up to max. 60 s (together with self-timer: T function, i.e. 1st press = Shutter opens, 2nd press = Shutter closes),  (1/180 s): Fastest shutter speed for flash synchronization, HSS linear flash mode possible with all shutter speeds faster than 1/180 s with HSS-compatible Leica system flash units
Activation of shutter release button	By integrated motor, low noise operation
Picture series	Approx. ≤12 pictures in series with 3 pictures/s, then slower
Shutter release button	Two-stage, 1. Activation of exposure metering and exposure lock (in aperture priority mode), 2. Shutter release; standard thread for cable release integrated
Self-timer	Delay optionally 2s (aperture priority and manual exposure setting) or 12s, set in menu, indicated by flashing LED on front of camera and corresponding display in monitor
Turning the camera on/off	Using main switch on top of camera; optional automatic shutdown of camera electronics after approx. 2/5/10 minutes; reactivated by tapping the shutter release
Power supply	1 lithium ion battery Leica BP-SCL2, rated voltage 7.4V, capacity 1800 mAh, capacity indicated in top panel display, when shutter held open (for sensor cleaning) additional acoustic warning of low capacity, maximum charging current/voltage: DC, 1000 mA, 7.4V; manufacturer: VARTA Microbattery, Made in Indonesia
Charger	Leica BP-SCL2, Inputs: 100–240V AC, 50/60 Hz, automatic switching, or 12V DC, 1.3A; Output: DC, max. 8.25 V, 1100 mA; manufacturer: Guangdong PISEN Electronics Co., Ltd., Made in China
<b>Camera body</b>	
Material	All-metal die cast magnesium body, synthetic leather covering, aluminum top panel, black anodized finish
Tripod thread	A 1/4 (1/4") DIN stainless steel in bottom
Operating conditions	0–40 °C/32–104 °F
Interfaces	ISO flash shoe
Dimensions (L × H × D)	Approx. 138,6 × 42 × 80 mm (5.45 × 1.65 × 3.15 in)
Weight (with battery)	Approx. 600 g (19.3 oz).
Package contents	Charger 100-240V with 2 mains cables (Euro, USA, varies in some export markets) and 1 car charging cable, lithium ion battery, carrying strap, cover for accessory shoe

Subject to changes in design, production and availability.