

Technical features: Metz 58 AF-1 digital

22. Jun 07



| Product name: | 58AF-1C Canon | 58AF-1N Nikon / Fuji S | 58AF-1O/P Olympus / Panasonic | 58AF-1P/S Pentax / Samsung | |
|---|-------------------|---------------------------|----------------------------------|-------------------------------|--|
| Guide numbers | | | | | |
| Guide Number with ISO 100 and 105 mm | 58 (m) / 190 (ft) | 58 (m) / 190 (ft) | 58 (m) / 190 (ft) | 58 (m) / 190 (ft) | |
| Guide Number with ISO 100 and 50 mm | 42 (m) / 137 (ft) | 42 (m) / 137 (ft) | 42 (m) / 137 (ft) | 42 (m) / 137 (ft) | |
| General flash modes | | | | | |
| Standard TTL-mode | • | • | • | • | |
| Automatic flash control / f-stops | • / 12 | • / 12 | • / 12 | • / 12 | |
| Manual flash control / partial lighting levels | • / 25 | • / 25 | • / 25 | • / 25 | |
| Stroboscopic flash mode | • | • | • | • | |
| Dedicated flash modes and functions | | | | | |
| Canon E-TTL-/E-TTL II flash control | • / • | | | | |
| Canon E-TTL-remote-flash-system as master/controller/slave | • / • / • | | | | |
| Canon FE-flash exposure memory with E-TTL- and E-TTL II flash control | • / • | | | | |
| Nikon i-TTL-/i-TTL-BL flash control | | • / • | | | |
| Nikon i-TTL-remote-flash-system as master/controller/slave | | • / • / • | | | |
| Nikon D-TTL-/D-TTL-3D flash control / 3D multi-sensor fill-in flash | | • / • / • | | | |
| Nikon FV flash-exposure measurement memory by i-TTL / i-TTL-BL control | | • / • | | | |
| Nikon matrix-controlled fill-in flash mode / under exposure display in EV | | • / • | | | |
| Olympus TTL-flash control with measuring pre-flash technique | | | • | | |
| Olympus/Panasonic/Leica FourThirds-System (TTL-compatible) | | | • | | |
| Olympus FourThirds-System TTL-remote-system as master/controller/slave | | | • / • / • | | |
| Pentax contrast control | | | | • | |
| Pentax P-TTL flash control | | | | • | |
| Pentax spot beam mode | | | | • | |
| Pentax P-TTL-remote-flash-system as master/controller/slave | | | | • / • / • | |
| Sony DSLR ADI flash control | | | | | |
| Sony DSLR-remote-flash-system as master/controller/slave | | | | | |
| Sony DSLR wide area TTL-pre-flash measuring | | | | | |
| Flash reflector data | | | | | |
| Illumination from ... mm onwards (35 mm format) | 18 | 18 | 18 | 18 | |
| Zoom area of the mail reflector head (35 mm format) | 24 - 105 mm | 25 - 105 mm | 26 - 105 mm | 27 - 105 mm | |
| Main reflector head tilt / swivel | • / • | • / • | • / • | • / • | |
| Vertical rotation area (5 positions) | -7° / +90° | -7° / +90° | -7° / +90° | -7° / +90° | |
| Horizontal rotation area (6 positions) | 270° | 270° | 270° | 270° | |
| Automatic zoom automatically / manual adjustable | • / • | • / • | • / • | • / • | |
| Extended zoom mode for main reflector | • | • | • | • | |
| Zoom size function (adaption on format of the camera chip) | • | • | • | • | |
| Secondary flash with 2 light outputs / with dedicated flash functions | • / • | • / • | • / • | • / • | |
| Integrated wide-angle diffuser for illumination from ... mm onwards (35mm) | 18 | 18 | 18 | 18 | |
| Integrated reflector card for main reflector | • | • | • | • | |
| Flash display | | | | | |
| Illuminated LC-Display: Grafic multi-function LCD / Standard-LCD | • / — | • / — | • / — | • / — | |
| Flash ready indication / Flash exposure control display on flashgun | • | • | • | • | |
| Automatic flash range display, alternatively in meter or feet | • / • | • / • | • / • | • / • | |
| System flash functions | | | | | |
| Manual flash exposure correction by TTL flash mode / automatic flash mode | • / • | • / • | • / • | • / • | |
| Modelling light function | • | • | • | • | |
| Automatic fill-in flash control | • | • | • | • | |
| Flash ready indication / flash exposure control display in camera view finder | • / • | • / • | • / • | • / • | |
| Automatic X-sync shutter speed control | • | • | • | • | |
| Synchronisation on the 1st / 2nd (REAR) shutter curtain | • / • | • / • | • / • | • / • | |
| High speed synchronisation (HSS) / slow speed synchronisation (SLOW) | • / • | • / • | • / • | • / • | |
| Manual flash exposure correction / Flash bracketing | • / • | • / • | • / • | • / • | |
| Automatic AF measuring flash control / Wide-area AF illuminator | • / • | • / • | • / • | • / • | |
| Pre-flash function to prevent the "red eye" effect | — | • | • | • | |
| Buzzer (beep function) | • | • | • | • | |
| Manual key function (key-lock) | • | • | • | • | |
| Service functions and power management | | | | | |
| Reset function (back to basic adjustment) | • | • | • | • | |
| Firmware-Update via USB socket or Metz-Service | • / • | • / • | • / • | • / • | |
| Automatic energy-saving cut-off (Auto Off) | • | • | • | • | |
| Wake-Up function of the flash through the camera | • | • | • | • | |
| Possible power sources | | | | | |
| Non-rechargeable Alkali-Mangan batteries (1,5 V), Lithium batteries (1,5 V) | 4 x AA | 4 x AA | 4 x AA | 4 x AA | |
| Rechargeable NiCd- or NiMH batteries (1,2 V) | 4 x AA | 4 x AA | 4 x AA | 4 x AA | |
| Connection to external Metz NiMH Power Pack P76 | • | • | • | • | |
| Min. number of flashes by full light output | | | | | |
| With Alkali-Mangan batteries (1,5 V) approx. | 180 | 180 | 180 | 180 | |
| With NiCd batteries (1,2 V/600 mAh) approx. | 70 | 70 | 70 | 70 | |
| With NiMH batteries (1,2 V / 1600 mAh) approx. | 140 | 140 | 140 | 140 | |
| With Lithium batteries (1,5 V) approx. | 320 | 320 | 320 | 320 | |
| With NiMH Power Pack P76 approx. | 430 | 430 | 430 | 430 | |
| Flash recovery time (min./max.) | | | | | |
| With Alkali-Mangan batteries (1,5 V) approx. | 0,1 - 5 sec. | 0,1 - 5 sec. | 0,1 - 5 sec. | 0,1 - 5 sec. | |
| With NiCd batteries (1,2 V/600 mAh) approx. | 0,1 - 5 sec. | 0,1 - 5 sec. | 0,1 - 5 sec. | 0,1 - 5 sec. | |
| With NiMH batteries (1,2 V / 1600 mAh) approx. | 0,1 - 5 sec. | 0,1 - 5 sec. | 0,1 - 5 sec. | 0,1 - 5 sec. | |
| With Lithium batteries (1,5 V) approx. | 0,1 - 6 sec. | 0,1 - 6 sec. | 0,1 - 6 sec. | 0,1 - 6 sec. | |
| With NiMH Power Pack P76 approx. | 0,1 - 2,5 sec. | 0,1 - 2,5 sec. | 0,1 - 2,5 sec. | 0,1 - 2,5 sec. | |
| Weight and dimensions | | | | | |
| Weight without batteries approx. | 355 g | 355 g | 355 g | 355 g | |
| Dimensions in mm (Width x Height x Depth) | 71 x 148 x 99 | 71 x 148 x 99 | 71 x 148 x 99 | 71 x 148 x 99 | |
| Included in box | | | | | |
| Flash unit | • | • | • | • | |
| Instruction manual 6lingual GB / D / E / F / I / NL | • | • | • | • | |
| Slave stand | • | • | • | • | |
| Belt case | • | • | • | • | |
| External accessories | | | | | |
| Bounce diffuser 54-23 | • | • | • | • | |
| mecabounce 58-90 | • | • | • | • | |
| Power Pack P 76 / Connecting cable V 58-50 to Power Pack P 76 | • / • | • / • | • / • | • / • | |