Technical specifications

LEICA SF 58
Professional high-end system flash

LEICA SF 58

Amazing power and speed
Full compatibility with Leica M, R and S systems
Great versatility with tilt and secondary reflector

A flash with a bright future
The LEICA SF 58 is an integrated flash for Leica system cameras, making the flash an essential addition to any Leica system.

Decoupled secondary flash
The secondary flash release helps distribute the light correctly. In front of a reflector, the LEICA SF 58 is decoupled from the master flash and can be adjusted independently.

At a glance
Thanks to a spacious, backlit LC Display and a well-structured menu, the LEICA SF 58 is easy to operate. All flash functions are effortlessly adjusted using only four keys. Depending on the camera type and mode, the LEICA SF 58 will automatically register the focal length, aperture and ISO and display the information on its screen, simultaneously calculating the maximum range at maximum flash power. Successful exposures are optionally confirmed with a beep.

Integrated USB port
The integrated USB port for firmware updating makes this flash an investment with a bright future.

At a glance
Thanks to a spacious, backlit LC-Display and a well-structured menu, the LEICA SF 58 is very easy to operate. All flash functions are effortlessly adjusted using all but four keys. Depending on the camera type and mode, the LEICA SF 58 will automatically register the focal length, aperture and ISO and display the information on its screen, simultaneously calculating the maximum range at maximum flash power. Successful exposures are optionally confirmed with a beep.

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The LEICA SF 58 is a powerful and versatile flash unit that perfectly adapts to the Leica M, R and S systems. Whether you employ its sensitive control options to carefully lighten up a subject, its innovative reflector technology to diversify the lighting and capture movement, or its full capacity to turn the dead of night into living day, it is up to you and your creative incentives. With ample power reserves, extreme speed, comprehensive features and simple handling, the LEICA SF 58 is out for any challenge – and, thanks to its integrated USB port, the firmware always remains current.

Beyond darkness. When you realise that a flash unit can do more than just help you take pictures in the dark, you will discover in the LEICA SF 58 a creative light with vast potential – enabling you to achieve anything from subtle fill-in and indirect flash light using the tilt reflector, to decoupled flash operation in slave mode. It is designed specifically for the Leica system camera and, as such, enables you to concentrate fully on the subject whilst leaving the exposure up to the camera.

Brilliant cameo. With the main reflector in position for the central flash, the tilt reflector is adjusted to bounce the light up the dark and generate beautiful results. The extra light can be adapted to light shops and studios, to subjects.

Creative light distribution. The LEICA SF 58 boasts a tilt reflector with a broad adjustable range. It enables you to bounce the flash off a roof or wall and avoid harsh shadows and reflections. This form of indirect lighting is good news for portrait photographers, as the reflector will tilt up to 7 degrees vertically, facilitating fantastic close-up shots.

Wide angle ready. The optionally available diffuser can be used to create an exceptionally soft lighting effect, covering focal lengths down to 16 mm – great for portrait photography. The integrated wide-angle diffuser disc illuminates the angle of an 18 mm lens.

Highlighting atmosphere. The LEICA SF 58 is the ultimate counterpart for the automatic flash modes offered by the LEICA M (from M6 TTL), the LEICA R and R6, and the LEICA S. Here, a light-sensing sensor measures the amount of necessary flash energy, such as for automatic flash. Depending on the subject, there are additional functions, such as an optionally available flash accessory. This allows for close-up exposure on the second shutter curtain.
The perfect fill flash. The LEICA SF 58 is a powerful and versatile flash unit that perfectly adapts to the Leica M, R and S systems. Whether you employ its sensitive control options to carefully lighten up a subject, its innovative reflector technology to diversify the lighting and capture movement, or its full capacity to turn the dead of night into living day, is up to you and your creative incentives. With ample power reserves, extreme speed, comprehensive features and simple handling, the LEICA SF 58 is cut out for any challenge – and, thanks to its integrated USB port, the firmware always remains current.

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The perfect fill flash. The powerful SF 58 is ideal when you want to lighten up a dark subject. The camera’s fully automated fill-flash achieves perfect results even in direct backlight.

Creative light distribution. The LEICA SF 58 locates a tilt reflector with a broad adjustable range. This makes it possible to flash off of a roof and around hard shadows and reflections. The flow of ambient light is good news for portrait photographers, as the reflector will tilt up to 7 degrees vertically, facilitating fantastic close-up shots.

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The LEICA SF 58 is the ultimate counterpart for the automatic flash modes offered by the LEICA M (from M6 TTL), the LEICA R and the LEICA S. Here, a light-receptive sensor measures the amount of necessary flash energy. The result is a fully automated flash exposure across the board. Depending on the subject, the direct flash exposure will ensure absolute brilliance and contrast across the board. The SF 58 covers great distances and the automatic zoom reflector, built for focal lengths of 24 to 105 mm, is compatible with telephoto lenses.

Brilliant camera. While the main reflector is responsible for the indirect flash, the secondary reflector is responsible for the direct flash. The perfect fill flash up to indirect flash light can be adjusted to the subject and adapted to the subject.
LEICA SF 58
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Technical specifications

**Compatibility**
- M System: M6 TTL, M7, M8, M8.2
- R System: R8, R9
- S System: S2

- Full compatibility with Leica M, R and S systems

- Amazing power and speed

- Great versatility with tilt and secondary reflector

- Built for all Leica system cameras with centre contact (in auto or manual flash mode)

- Guide number max. 58 (ISO 100/21°)

- Flash modes:
  - TTL flash
  - Auto flash
  - Manual flash
  - Stroboscopic flash

- Remote flash operation

- Slaves

- Additional functions:
  - Test light function
  - AF assist light
  - Automatic fill-in flash
  - Manual flash exposure correction (+/-3 EV in 1/3 EV-steps)
  - Flash exposure on second shutter curtain
  - HSS high speed synchronisation

- Partial light output levels
  - Main reflector: 25%
  - Secondary reflector: 3%

- Illumination profiles
  - Standard
  - Soft

- Sensor-format adaptation

- Tilt reflector:
  - Vertical (-7°/+90°)
  - Horizontal (-180°/+120°)

- Colour temperature: 5600K

- Photo sensor:
  - Measurement angle (A flash mode): 25°

- Automatic/manual zoom reflector
  - 24 mm, 28 mm, 35 mm, 50 mm, 75 mm, 90 mm, 105 mm (film format)

- Integrated reflector card: yes

- Integrated wide angle dispersion disc: yes

- Secondary reflector: yes

- Secondary reflector illumination angle: 35 mm (film format)

- Firmware update via USB

- Dot matrix display: illuminated

- Flash range display: yes

- Flash control display: yes

- Flash standby display: yes

- Acoustic status signal: yes

- Automatic standby: yes

- Manual key lock: yes

- Automatic white balance: yes (the camera’s white balance has to be set to automatic or flash)

- Wake-up function through camera: yes

- Power supply:
  - 4 x AA, alkali manganese (1.5V), lithium (1.5V), NiCd battery (1.2V), NiMH battery (1.2V), external energy supply

- Flash number (full power):
  - Alkali manganese (1.5V) – 180
  - Lithium (1.5V) – 320
  - NiCd battery (1.2V/600mAh) – 70
  - NiMH battery (1.2V/1600mAh) – 140

- (these figures may vary depending on the battery condition and temperature)

- Flash sequence in sec (min./max.):
  - Alkali manganese (1.5V) – 0.1/5
  - Lithium (1.5V) – 0.1/6
  - NiCd battery (1.2V/600mAh) – 0.1/5
  - NiMH battery (1.2V/1600mAh) – 0.1/5

- (these figures may vary depending on battery condition and temperature)

- Weight in g (without power supply unit): 355

- Dimensions in mm (W x H x D): 71 x 148 x 99

- Included in delivery:
  - Flash unit, manual, guarantee card, belt bag, pedestal, 4 x AA alkali manganese batteries

- Optional accessories:
  - Diffuser

- Subject to modification in design, specification and offer / Product photography: Alexander Göhr / Location: Friedrichstadtpalast, Berlin

- Brochure order number: German 92134 / English 92135 / French 92136 / 02/09 / ACBW

- For technical specifications of Leica system cameras please visit www.leica-camera.com

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A flash with a bright future.
The LEICA SF 58 is an integrated USB port for firmware updating, making the flash an investment with a bright future.

Decoupled secondary flash.
The secondary flash release helps distribute the light creatively. Here, a LEICA SF 58 exposes directly from the front while a secondary flash operating in slave mode lights up the back.

At a glance. Thanks to its spacious back lit LC-Display and a well-structured menu, the LEICA SF 58 is very easy to operate. All flash functions are effortlessly adjusted using only four keys. Depending on the camera type and mode, the LEICA SF 58 will automatically register the focal length, aperture and ISO and display the information on its screen, simultaneously calculating the maximum range at maximum flash power. Successful exposures are optionally confirmed with a beep.

Wish up function through camera.

Power supply:
- 4 x AA, alkali manganese (1.5V), lithium (1.5V), NiCd battery (1.2V), NiMH battery (1.2V), external energy supply

Flash number (full power):
- Alkali manganese (1.5V) – 180
- Lithium (1.5V) – 320
- NiCd battery (1.2V/600mAh) – 70
- NiMH battery (1.2V/1600mAh) – 140

Flash sequence in sec (min./max.):
- Alkali manganese (1.5V) – 0.1/5
- Lithium (1.5V) – 0.1/6
- NiCd battery (1.2V/600mAh) – 0.1/5
- NiMH battery (1.2V/1600mAh) – 0.1/5

(yes) these figures may vary depending on battery condition and temperature)

Weight in g (without power supply unit): 355

Dimensions in mm (W x H x D): 71 x 148 x 99

Included in delivery:
- Flash unit, manual, guarantee card, belt bag, pedestal, 4 x AA alkali manganese batteries

Optional accessories:
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### Technical specifications

#### LEICA SF 58

- **Compatibility:** Fully compatible with M System, M6 TTL, M7, M8, M8.2, MP System, M-E, E System 10
- **Guide number:** on/off (centered flash mode)
- **Flash modes:** TTL flash, auto flash, manual flash, stroboscopic flash
- **Remote flash operation:** Slave
- **Additional functions:** Test light function, AF assist light, automatic fill-in flash, manual flash exposure correction, flash exposure on second shutter curtain, HSS high speed synchronization
- **Partial light output levels:** main reflector: 25%, secondary reflector: 3%
- **Illumination profiles:** Standard, soft
- **Sensor-format adaptation:** auto recognition
- **Tilt reflector:** vertical (-7°/+90°), horizontal (-180°/+120°)
- **Colour temperature:** 5600K
- **Photo sensor:** measurement angle (Flash mode) 25°
- **Automatic/Manual zoom reflector:** 24 mm, 28 mm, 35 mm, 50 mm, 75 mm, 90 mm, 105 mm (film format)
- **Integrated reflector card:** yes
- **Integrated wide angle dispersion disc:** 18 mm
- **Secondary reflector:** yes
- **Secondary reflector: illumination angle:** 35 mm (film format)
- **Firmware update:** via USB
- **Dot matrix display:** illuminated
- **Flash range display:** yes
- **Flash control display:** yes
- **Flash standby display:** yes
- **Acoustic status signal:** yes
- **Automatic standby:** yes
- **Manual key lock:** yes
- **Automatic white balance:** yes (the camera’s white balance has to be set to automatic or flash)
- **Wake-up function through camera:** yes
- **Power supply:** 4 x AA, alkali manganese (1.5V), lithium (1.5V), NiCd battery (1.2V), NiMH battery (1.2V), external energy supply
- **Flash number (full power):** Alkali manganese (1.5V) – 180, lithium (1.5V) – 320, NiCd battery (1.2V/600mAh) – 70, NiMH battery (1.2V/1600mAh) – 140
- **Flash sequence in sec (min./max.):** Alkali manganese (1.5V) – 0.1/5, lithium (1.5V) – 0.1/6, NiCd battery (1.2V/600mAh) – 0.1/5, NiMH battery (1.2V/1600mAh) – 0.1/5

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**Decoupled secondary flash**

The secondary flash release helps distribute the light creatively. Here, a LEICA SF 58 exposes directly from the front while a secondary flash operating in slave mode lights up the back.

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**Wake-up function through camera:**

Flash up through camera.

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**Power supply:**

- 4 x AA, alkali manganese (1.5V), lithium (1.5V), NiCd battery (1.2V), NiMH battery (1.2V/600mAh), NiMH battery (1.2V/1600mAh)

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**Flash number (full power):**

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**Dimensions in mm:**

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**Included in delivery:**

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**Optional accessories:**

- Diffuser

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**Disclaimer:**

The information provided herein is subject to change in the scope of modifications, without prior notice. Leica Camera AG reserves its rights to modify the content of the present document at any time without notice.

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