

# Metz 15 MS-1 digital macro flash



15 MS-1 digital

No. 001511099

Weight without batteries: 190 g

Dimensions in mm (W x H x D): 133 x 144 x 38

SONY ADI	NIKON HTTL	FUJIFILM HTTL	OLYMPUS Four Thirds
PANASONIC Four Thirds	PENTAX P-TTL	SAMSUNG P-TTL	LEICA Four Thirds

\* with camera-specific TTL remote slave mode

M	SLAVE	USB	←→	DOT-MATRIX DISPLAY
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## Flash output

- Max. guide no.15 with ISO 100/21° and 50 mm
- High number of flashes (e.g. 200 full flashes with NiMH-batteries, 1600 mAh)
- Flash cycle time 0,3 – 5 sec. (depending on power supply and flash power)

## Basic configuration

- Wireless TTL remote mode
- Two-reflector-system, each tilting (0°, 10°, 20°) and separate controllable
- ratio function (light allocation from left to right)
- horizontal (20°) tilt reflectors [picture 4]
- dot-matrix LCD display [picture 1]
- standard 50 mm illumination
- included bounce diffuser for softer illumination [picture 3]
- modelling light
- integrated autofocus measurement light
- flash readiness and exposure control in LED and LCD

## Basic flash modes

- slave mode in the TTL remote flash mode
- slave mode for evading the pre flashes
- slave mode with learning function
- manual flash mode with 6 partial lighting levels
- 1st and 2nd shutter curtain synchronization

## Camera-specific flash modes in remote-TTL-mode

works as a slave flash in the following flash modes:

- E-TTL – remote flash mode (Canon)
- i-TTL- remote flash mode (Nikon / Fujifilm)
- P-TTL- remote flash mode (Pentax / Samsung)
- Four-Thirds-TTL- remote flash mode (Olympus / Panasonic / Leica)
- ADI- remote flash mode (Sony Alpha)

## Guaranteed in the future

- firmware update via integrated USB port
- Further ring adapters for 62, 67 and 72 mm available [picture 6]

## Power supply

- alkaline magnesium batteries AAA, Lithium batteries AAA
- NiCad- or NiMH batteries AAA

## Included in delivery

- adapter rings 52, 55 and 58mm [picture 5]
- bounce diffuser [picture 3]
- IR clip [picture 5]
- belt case [picture 7]