

MagNum

The ergonomic wireless lens control



An astounding, new concept for a remote lens control system. Unsurpassed ergonomics give comfort for a long day on the set, totally reliable transmission due to its Dual-Band frequency selector, intuitive, menu-guided operation, unbeatable price / performance ratio and many intelligent details make *MagNum* unique.

In cooperation with users this lens control is ergonomically and functional optimized and is available in three versions. It starts with a basic version with one channel: MN-100 MagNum Single Channel at 2450.- €, a one-channel version with upgrade possibility: MN-200 MagNum Extendable which will cost 3500.- €, and the fully equipped two-channel unit: MN-300 MagNum will be offered at 4300.- €.



- Ergonomically shaped hand grip and finger rest
- 5 x 1/4"-thread
- USB-port
- 15-pol-socket for accessories
- BNC-socket for antenna or cable
- Multifunction hand wheel

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All *MagNum* version include:

- The ergonomically optimized hand unit
- Symmetrical design, equally ergonomic for left handed operation
- The compact size of transmitter and receiver
- Lightweight (2-channel receiver 262g and transmitter fully equipped only 577g)
- Transmits in the worldwide free frequency band of 2,4 GHz
- Intuitive, menu guided operation by membrane keys and colour-OLED display
- Four freely assignable hotkeys
- Spectrum Analyzer, shows the best transmission channel
- Calibration of lenses also doable with the receiver (controller)
- Fluid damped hand wheel
- Electronic "Hold", captures the actual settings and keeps them
- Indicator LED for all functions on the receiver (controller)
- Magnifier function for „near“ and „remote“. (This means, the range around the nearest or the indefinite lens setting is spread especially without losing the opportunity to go to the other end stop.)
- Spreading of any lens range to one turn of the hand wheel
- Selection between scale ring and scale disk
- Record start stop signal for the camera
- Motor power adjustable
- USB port
- Battery level indicator for camera and hand unit
- 5 x 1/4"-threads on the *MagNum* hand unit (transmitter)
- includes rechargeable battery, type Sony FM 50, Li-ion (art. no.: MN-BAT)
- includes charger for above battery (art. no.: MN-CH)

The two-channel version offers all benefits:

- Hermetically sealed, noncontact slide control for setting the iris*
 - Exchangeable iris-scales, made from aluminum*
 - Two adjustable end stops for the slider of the iris control*
 - Dual-Band-System, transmission band can be selected in the range of 430 MHz or 2.4 GHz (5 channels within the MHz-, 11 channels within the GHz-band). All channels are selectable without any interference
 - Combi-socket for connecting the common TV lens demands, control for focus and zoom. (Then MagNum acts as the communicator between the demands and the cine-style lens)
 - And for connecting the cable of an analogue zoom control
 - VariFluid, adjustable fluid damping in the hand wheel
 - VariLock II function, two freely adjustable end stops on the hand wheel
 - Mechanical Lock in the hand wheel
 - Motor power amplifier, by an internal booster, adjustable up to 30 Volts
 - Socket for connecting a gooseneck lamp
 - Serial interface
 - Padded hand- and neck-strap*
 - Two antennas for MHz-band
- * Included in Up-Grade-Kit for **MagNum Extendable** (art. no.: MN-200UP, 1230.- €, service time included)



Hand wheel with VariFluid and mechanical lock.



Hand wheel with VariLock II function.

Following accessories are available:

A compact, high quality hard case for transportation (MN-case), goose neck LED-light (SI), a mounting-bar for 15 and 19 mm rods and a belt holder (MN-HOL, to carry MagNum hands free). Further various Start/Stop cables and power cables for most cameras and batteries respectively.



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MagNum System Overview

MN-300



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Technical Data	
Channels	2
Transmitter	MN-300T
Battery	MN-BAT
Charger	MN-CH
Receiver	MN-300R
Antennas	2 x BNC (FANT)

Hand strap (MN-STR), neck strap (STR2).
 With all functions as described.

MN-200



MagNum Extendable

Technical Data	
Channels	1
Transmitter	MN-200T
Battery	MN-BAT
Charger	MN-CH
Receiver	MN-300R
Antennas	2 x BNC (FANT)

Optional: Hand strap (MN-STR) and neck strap (MN-STR2).
 By the Up-Grade-Kit (MN-200UP), extendable to MagNum (MN-300)
 With all functions as described.

MN-100



MagNum Single Channel

Technical Data	
Channels	1
Transmitter	MN-100T
Battery	MN-BAT
Charger	MN-CH
Receiver	MN-100R
Antennas	-

Optional: Hand strap (MN-STR) and neck strap (MN-STR2).
 With all functions as described.

MagNum System comparison

MagNum	Channels	Transmitter	Battery	Charger	Receiver	Antennas
MN-300	2	MN-300T	MN-BAT	MN-CH	MN-300R	2 x BNC (FANT)
MN-200	1	MN-200T	MN-BAT	MN-CH	MN-300R	2 x BNC (FANT)
MN-100	1	MN-100T	MN-BAT	MN-CH	MN-100R	-

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MagNum Kits ready to shoot and with price advantage

Save money compared to single unit purchase. All kits comprise a motor with gears of all pitches, clamp holder for 19 and 15 mm rods, all motor cables, power cable with D-Tap plug and the MagNum components in the sturdy hard case with foam insert (MN-CASE).

The first orders for MagNum will be shipped from November 2013 onwards, next January the Single Channel and Extendable versions will follow.



MagNum All KIT (art. no.: MN-300KIT-H)



MagNum Single Channel KIT (art. no.: MN-100KIT-M)

