The automatic lens remote control.
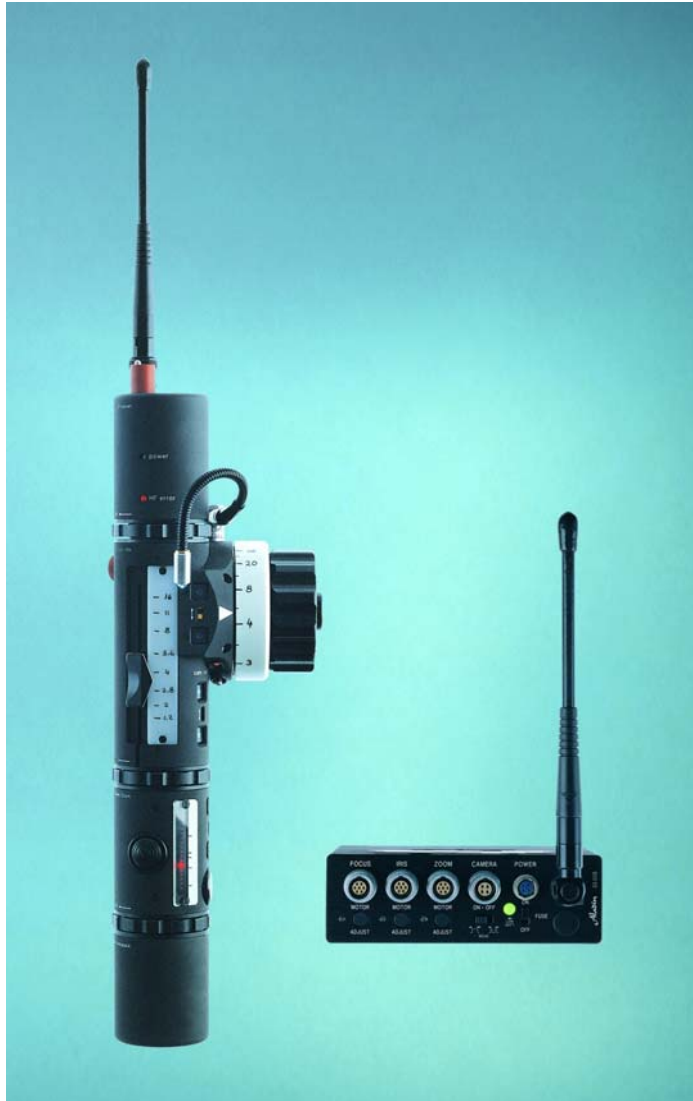
Aladin is the user-friendly remote control.
Carry out automatic calibration of the lens parameters at the beginning of shooting – switch off, reconfigurate or change the battery – switch on again and resume the shooting. This advantage is especially appreciated in practice.

- Control signals are transmitted as digital data packages in the 434 MHz band safely and precisely with 18-bit resolution. (US & UK versions 458 MHz)
- The software calculates with 32 bit accuracy.
- Suitable for many motors with digital incremental encoders such as Heden M26VE, Scorpio SB92, Preston DM2, Bez Tools BTM7.
- The iris of all "Cine style" zooms and prime lenses can be controlled over the TRIAX using the special Aladin cable (COF-V-TI).
- Controls the dimmers Aladin Light Source (AL-LS) and Colibri, the DMX dimmer/receiver (FD-400E).
- Ranges* from approx. 300m / 330yards outdoors, approx. 80m / 90yards in inside buildings.
- ON/OFF or start/stop recording function integrated for all cameras.
- With "Electronic Gear" for free selection of the translation between the hand wheel movement and the reaction at the lens.
- Memory of last settings after switch off for quick resumption of operation.
- Wide supply-voltage range from 9 to 37 volts for the motor controller (receiver).
- Powerful, adequate performance for the motors also with low supply voltage through internal stabilisation.
- Modular design, each individual function can be combined into one transmitter through simple assembly. Here, too, all the last individual settings are saved.
- Reverse direction of the motor rotation is adjustable on the hand-units (transmitters).
- An LED column shows the position of the zoom.
- Lowest energy consumption of the hand-unit(s), a battery usually lasts for the entire day of shooting.
- 16 channels selectable for the transmission.
- Adjustable fluid damping for the focus hand wheel.
- Emergency feature: Transmission by connecting transmitter and receiver using a simple video cable with BNC plugs.

* Dependent on the structural conditions at the set.

The automatic lens remote control.

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Mountings for 19 and 15 mm rods available.

RMB, Holder for the receiver on 15mm support rods.

AL-RKE Universal rod clamp.

Motor complete, for 15 and 19mm rods as well as with all lens gear wheels.

Components	Article no.
Aladin 2+ Two channel design for focus, aperture/Triax aperture + camera start/stop. Contains hand-unit with transmitter, scale-ring, 2 NiMH batteries, charger, receiver with outputs for two motors, 2 antennas and instructions.	AL-3-401 AL-3-401US
Aladin 3+ Three channel design for focus, aperture/Triax aperture, zoom + camera start/stop. Other equipment as described above, receiver with outputs for three motors.	AL-4-401 AL-4-401US
Aladin Zoom Control Separate unit for control of the zoom rings. Contains hand-unit with transmitter, 2 NiMH batteries, charger, receiver with outputs for one motor, 2 antennas and instructions . (An upgrade to Focus and Iris is possible.)	AL-Z-400 AL-Z-400US
Aladin Upgrade Kit For Aladin 2+ on 3+. Contains hand-unit for the zoom control, and motor controller circuit board for installation the Aladin 2+ receiver.	AL-ZUP AL-ZUPUS
Accessories	
Motor with incremental encoder, digital from Heden	M26VE
Motor with incremental encoder, digital from Bez Tools	BTM7
Connector cable between motor and receiver with Lemo 8-pin plugs	AMOTD
Holder for the receiver on 15mm support rods	RMB
Aladin universal rod clamp with jacks and contact plugs	AL-RKE
Aladin universal rod clamp	AL-RK
Aladin dial illumination, LED light with flexible arm	Si
Graduated ring for focus unit	SC
Light Source, dimmer for tungaten lights up to 75 W, for connection to a free motor output, complete with cable set	AL-LS

Accessories such as rod clamps and mountings, power supply cables with and without start/stop transmission are available for all film and video cameras. An overview can be found on the pages 68 & 69.

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Overview – Accessories and cables for the remote control systems.

Accessories DigiFOX	
FMB	NiMH battery for FOX, rechargeable 6V/600mA

Accessories ALADIN	
AL-BAT	NC battery for Aladin, rechargeable
AL-CH	Charger with adapter for Aladin battery, 100-240V
AL-CP	Config. Dummy Plug for Aladin external iris, spare part
AL-HWA	Aladin Hardwire Adapter for external iris, cable-length 3m
AL-HWA-Z	Aladin Hardwire Adaptor for Zoom, cable length 1m (cable-connection instead of battery, in combination with AL-RK)
AL-Fi	Aladin Focus/Iris hand-unit, spare part
AL-i	Aladin External Iris hand-unit with Dummy Plug
AL-i-DMX	Aladin External Iris with DMX input for light control, with Dummy Plug
AL-MOTC	Aladin MC Board for digital motors, spare part
AL-MCA7	Assembly Clamp (01841 MCA-7) for Aladin Pan Handle Adapter
AL-PHA	Pan Handle Adapter for Aladin (for mounting using clamp AL-MCA7)
AL-T400	Aladin Transceiver module with antenna (433-434 MHz, 16 channels)
AL-Z	Aladin Zoom hand-unit

Accessories ALADIN / DigiFOX	
FANT	Antenna (straight) for transmitter (FOX, ALADIN transceiver)
FANTR	Antenna (angled) for receiver (FOX, ALADIN Motor Controller)
RMB	Holder for attaching the receiver to 15mm rods
RMB-IP	Steel intermediate plate, with threads for RMB
401-10	Adapter for RMB on bridge plate with Ø19mm rods
SC	Graduated ring for focus hand wheel
Si	Light for Scale Illumination, (LED) for Aladin and DigiFOX
EU15	Extension unit Ø 15:15mm, with rod Ø 15mm
EU19	Extension unit Ø 19:15mm, with rod Ø 15mm
EU15-60	Extension Unit Ø 15:15mm (without rods, length distance between holes 60mm)

Accessories ALADIN / DigiFOX	
EU15-82	Extension unit Ø 15:15mm (without rod, length distance between holes 82mm)
EU19-82	Extension unit Ø 19:15mm (without rod, length distance between holes 82mm)

DigiFOX cable for Panasonic DVX100 / HVX200(P2)/ and any other models	
DFMPVX	combi-cable: controls internal focus motor for Panasonic DVX/HVX and with start/stop function. 2.5mm stereo and 3.5 mm stereo jack 4-pin -to DigiFOX Hirose 12-pin. For power supply of DigiFOX receiver, an additional cable is required. (e.g. XLR4-AL)

DigiFOX cable, combined for power supply and for internal focus motor	
DFPMCD	combi-cable: power supply / motor control internal focus motor Canon digital Hirose 20-pin – to DigiFOX Hirose 12-pin
DFPMCA	combi-cable: power supply/ motor control internal focus motor Canon analogue Hirose 6-pin - to DigiFOX Hirose 12-pin
DFPMF	combi-cable: power supply / motor control internal focus motor Fujinon Hirose 12-pin - to DigiFOX Hirose 12-pin

When using the above-mentioned combi-cable and at the same time, the camera's remote control start/stop function, please use the following special DFCOF4x cable.

DigiFOX cable, camera start/stop in connection with combi-cable DFPMx for internal focus motor	
DFCOF4C	cable for start/stop when using the cable DFPMCx for Canon lens with focus motor, Canon-plug 8-pin - for DigiFOX Hirose 4-pin
DFCOF4F	cable for start/stop when using the cable DFPMF for Fujinon Focus motor, Hirose 12-pin - for DigiFOX Hirose 4-pin

DigiFOX cable, camera Start/stop – when using the power supply cables on the Hirose 4-pin jack	
DFCOFV-V	Start/stop cable DigiFOX Hirose 12-pin – directly on the video camera on Hirose 12-pin (Please note: differing pin assignments!)
DFCOFV-C	Start/stop cable DigiFOX Hirose 12-pin - over lens Canon 8-pin
DFCOFV-F	Start/stop cable DigiFOX Hirose 12-pin - over lens Fujinon Hirose 12-pin (Please note: differing pin assignments!)
DFCOFAA2	Start/stop cable DigiFOX Hirose 12-pin - Aaton camera, Lemo 2-pin FFA.0S.302

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Overview – Cable for the remote control systems.

DigiFOX cable, camera start/stop – when using the power supply on the Hirose 4-pin jack, continued.	
DFCOFAA6	Start/stop Cable DigiFOX Hirose 12-pin Aaton camera Lemo 6-pin FGG.1B.306
DFCOFMOV	Start/stop cable DigiFOX Hirose 12-pin - Moviecam Compact Fischer 2-pin S102AO51
DFCOFPAN	Start/stop cable DigiFOX Hirose 12-pin - Panavision Lemo 10-pin FFP.2S.310
DFCOFA	Start/stop cable DigiFOX Hirose 12-pin - ARRI 12V Fischer 11-pin S104AO056
DFCOFA-M	Start/stop cable DigiFOX Hirose 12-pin - ARRI, Moviecam SL, Pro35 Adapter Fischer 3-pin S102AO52
DFCOFR1	Start/stop cable DigiFOX Hirose 12-pin - RED One camera Lemo 4-pin (0B; upper AUX-out jack in standard setting)
ALADIN cable, camera start/stop	
COFA	Start/stop cable ALADIN / Genio 4-pin Lemo - ARRI 11-pin Fischer
COFAA2	Start/stop cable ALADIN / Genio 4-pin Lemo - Aaton 2-pin
COFAA6	Start/stop cable ALADIN / Genio 4-pin Lemo - Aaton 6-pin Lemo
COFA-M	Start/stop cable ALADIN / Genio 4-pin Lemo - ARRI SR III, 535 + Moviecam SL + Pro35 adapter - 3-pin Fischer
COFMOV	Start/stop cable ALADIN / Genio 4-pin Lemo - Moviecam Compact 2-pin Fischer
COFPAN	Start/stop cable ALADIN / Genio 4-pin Lemo - Panavision Lemo 10-pin
COFV-C	Start/stop cable ALADIN / Genio 4-pin Lemo - Video Canon lens 8-pin
COFV-F	Start/stop cable ALADIN / Genio 4-pin Lemo - Video Fujinon lens Hirose 12-pin (Please note: differing pin assignments!)
COFV-V	Start/stop cable ALADIN / Genio 4-pin Lemo - direct on the video camera with Hirose 12-pin (Please note: differing pin assignments!)
COFR1	Start/stop cable ALADIN / Genio 4-pin Lemo - RED camera-Lemo 4-pin (0B; upper AUX-out jack in standard setting)
ALADIN cable for TRIAX-Iris and camera start/stop	
COFV-V-TI	Aladin Triax-Iris and camera start/stop cable 4-pin Lemo - for Hirose 12-pin on video camera, with calibration device (Impulse switch) for Cinestyle lens and fixed focal lengths

ALADIN / DigiFOX cable, combined for power and camera start/stop	
AA-A-P/cam	Kombi -Cable: Power + camera-Start/Stop Aaton camera-6-pin Lemo, 45cm/17.7" – for DigiFOX / Aladin Hirose 4-pin
Arri-A-P/Cam	Kombi-cable: Power + camera-Start/stop ARRI camera-12V 11-pin Fischer, 45cm/17.7" – for DigiFOX / Aladin Hirose 4-pin
RS-A-P/cam	Kombi-cable: Power + camera-Start/stop ARRI/Moviecam SL camera-24 volt 3-pin Fischer, 45cm/17.7" – for DigiFOX / Aladin Hirose 4-pin
PAN-A-P/cam	Kombi-cable: Power + camera-Start/stop Panavision 10-pin Lemo, 60cm/23.7" – for DigiFOX / Aladin Hirose 4-pin
ALADIN / DigiFOX cable, only for power supply	
MovC- AL	Power cable Moviecam Compact 24V, 2-pin Fischer - for Aladin / DigiFOX Hirose 4-pin
PanMill-AL	Power cable Panavision Millenium 24V, Lemo 2-pin – for Aladin / DigiFOX Hirose 4-pin
PRO-AL	Power cable PRO / ARTEMIS 12V, Lemo 4-pin – for Aladin / DigiFOX Hirose 4-pin
RIG-AL	Power cable RIG 12V, Lemo 3-pin - for Aladin / DigiFOX Hirose 4-pin
STM-AL	Power cable Steadicam Master 12V, Lemo 2-pin- for Aladin / DigiFOX Hirose 4-pin
STU-AL	Power cable Steadicam ULTRA 24V, Lemo 3-pin – for Aladin / DigiFOX Hirose 4-pin
MKV-AL	Power cable MK-V – for Aladin / DigiFOX Hirose 4-pin
XLR4-AL	Power cable 12V/24V XLR 4-pin – for Aladin / DigiFOX Hirose 4-pin
AB-AL	Power cable 12 volt Anton Bauer Power Tap – for Aladin / DigiFOX Hirose 4-pin
BP90-AL	Power cable 12 volt BP 90 plug PAG lok-on – for Aladin / DigiFOX Hirose 4-pin
ALADIN cable, for Light Source (Aladin System immer i. V. m. DMX-Iris)	
AL-LS-X	Dimmer cable with XLR 4-pin for 12V power-in, Lemo 7-pin for receiver motor jacks, Lemo 3-pin for dimmer (replacement cable)
DMX-AL2	Interface cable for Aladin External DMX Iris for the control with Iris channel 2 (5-pin XLR coupling, 7-pin 1B Lemo plug length 2m)
DMX-AL3	Interface cable for Aladin External DMX Iris for the control with zoom channel 3 (5-pin XLR coupling, 7-pin 1B Lemo plug length 2m)