

DIGIFOX The wireless remote follow focus.



DigiFOX is a reliable companion in all recording with a moving camera. Whether using a crane, dolly or stabilizer, the DigiFOX wireless remote follow focus is simply and quickly ready to use. It transmits the control signal as a digital data package to motors with incremental encoders.

Only the DigiFOX also controls internal focus motors as well as the start/stop signal of the Panasonic HDV camcorder HVX200, HPX171 and others.

- 16 transmission channels are selectable within the 434 MHz – frequency band (US & UK versions 457 MHz)
- Range* approx. 300m/330yards outdoors and approx. 80m / 90yards in buildings
- Light weight, compact receiver (8x4x9.5 cm / 3x1.6x3.7 inch, weight 260 g / 9.2 ounces)
- Compatible with external motors with incremental decoders and internal focus servo motors of many EB lenses from Canon and Fujinon
- Automatic calibration of the end settings and power provision for the motor dependent on the lens's mechanical performance
- Resolution 32 bit, integrated ON/OFF or start/stop recording function
- "Electronic gear" for spreading or compressing of the translation ratio between the hand wheel and motor reaction
- Memory of the last settings if the battery must be changed.
- Also controls the dimmer module from the *Aladin* system
- Integrated serial interface RS 232 for easy software upgrades or connecting to PC or PDA
- NiMH battery 6V, 600 mA DC; charger for 110-240 V AC, 17VA; with all international plug adapters (1.5 V D-cell w. 457 MHz version)
- Lowest power consumption, a battery charge usually last for an entire day.

* dependent on the structural conditions at the set.

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Without an external motor, the DigiFOX can control the following Panasonic cameras as well as trigger the start/stop signal:

- AG-HVX200,
- AG-HPX171,
- AG-HMC150 series;
- AG-DVX100BE,
- AG-DVX100B,
- AG-DVX100E,
- AG-DVX100A,
- AG-DVC80,
- AG-DVC30



AL-LS,
Light Source, the dimmer module for Aladin and DigiFOX.



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



Components		Article no.
DigiFOX, System complete, as shown		DF-400
DigiFOX 457 MHz, System complete for 1.5 Volt D-cells		DF-400-US
Accessories		
Holder for the receiver on 15mm support rods		RMB
Digital Motor by Heden, suitable for 15 & 19mm rods mount vertically, with all gear drives modules 0.8, 0.6, 0.5, 0.4.		M26VE
Digital Motor by BTM, same fittings as with Heden		BTM7
Motor cable, Lemo plug, 8-pin, motor on DigiFOX or Aladin		AMOTD
Dimmer module, 12V / max. 75 W, incl. cable (see AL-LS-X)		AL-LS
Dimmer cable, XLR 4-pin plug for power supply, Lemo 7-pin for receiver motor connection, Lemo 3-pin for dimmer module. (Spare part, included with the dimmer module)		AL-LS-X
Accessories such as 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.		

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.OS.302

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 - Moviecama 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, Moviecama SL, Pro35 Adapter Fischer 3-pin S102AO52
DFCOFR1	Start/stop cable DigiFOX Hirose 12-pin - RED One camera Lemo 4-pin (OB; 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 + Moviecama SL + Pro35 adapter - 3-pin Fischer
COFMOV	Start/stop cable ALADIN / Genio 4-pin Lemo - Moviecama 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 (OB; 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
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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/Moviecama 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 Moviecama 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)