



# DigiFOX

## Controls:

- External digital motors
- Internal focus drives on ENG lenses
- Panasonic HDV cameras

- Digital lens set up
- Camera light dimmer function
- Camera start/stop function
- Digital scale expansion or compression
- Serial interface



# Design Features



## **Wireless**

Transmitter/Receiver: (433/434 16/11 channels)  
No interference with current 1.2-2.4 GHz systems  
(video links - remote controls - computer networks etc.)

## **Hardwire**

System may be run hardwire through any common BNC video cable.

## **Scale Expansion or Compression**

Quick & Easy calibration of any possible lens scale range.

## **Torque Adjustment**

Of focus handwheel.

## **Motor Reverse Function**

On Transmitter unit

## **Scale Illumination**

Via goose neck, white LED light for focus scale (Optional).

## **Battery System**

Nimh 600 mA stands a full day's operating.

## **Memory Function**

System memorizes all settings in the absence of power,  
(Battery change).

## **Compact**

Size: 16x8x8 cm (6,3"x3,1"x3,1")

## **Weight**

540 gr. ( 1,2 lbs)

### **Motor Control Unit (Receiver)**

Wide power input range 9 - 30 Volt DC

Power consumption with external motor ca. 1.5 Amp.

### **Automatic Motor Calibration**

Unit automatically sets up lens scale limits and torque.

### **Camera Run Function**

Start/Stop (record) also for Panasonic DVX/HVX cameras.

### **Compact**

Size: 8x4x9,5 cm (3"x1,5"x3,7") 260 gr. ( 0,9 lbs)

### **Motors**

System matches with most Heden motors, with internal focus drive motors by Canon-and-Fujinon ENG lenses and with internal focus drives of Panasonic DVX/HVX cameras.

Unit provides maximum resolution and accuracy in positioning and velocity (32 bits).

### **Light Dimmer Module**

Connected in the place of the focus motor.

Camera light max. 75 W can be dimmed flickerfree from 0 to 100% (wireless).



# System

September 2008

Part no.	Description
	<b>DigiFox System</b>
DF-400	Transmitter-receiver unit with antennas (433-434 MHz 16 Channels), Handwheel Scale ring, Neckstrap, Battery NimH 6V/600mA Battery Charger 100 - 240 Volt
	<b>Digital Motor</b>
BTM	Motor including mounting bracket for 19/15 mm Rods, 4 x Gears module 0.8 - 0.6 - 0.5 - 0.4
	<b>Dimmer for Camera light</b>
AL-LS	Dimmer unit „Light Source“ max. 75W/12 V output (replaces Focusmotor) including Dimmer cable (XLR-LS)
XLR-LS	Dimmer Cable for Power XLR and Control Input                   4pin XLR
AL-LSC	Dimmer Cable for Power RIG and Control Input                   3pin Lemo
	<b>Accessories</b>
RMB	Receiver mounting bracket for 15mm Standard LWS rods
AL-Si	Scale Illumination Light (only when 2pin Lemo Conn. is built in)
	<b>Spares</b>
FANT	Fox Antenna (Transmitter) back up
FANR	Fox Antenna right angle connector (Receiver) back up
SC	Scale ring for Fox/Aladin
STR	Neckstrap for Fox
FMB	Fox Battery NimH 6V/600mA
FMC	Fox Battery charger 100 - 240 Volt with Charge Adapter
F-Manu	Fox Manuale as Spare

# Cables

September 2008

## Part no.

## Description

### Cables for External Digital Motors

AMOTD	Digital BTM/Heden/Scorpio/Preston	7pin Lemo	60cm/23.7"
-------	-----------------------------------	-----------	------------

### DigiFox (4pin Hirose) Power Cables

ARRI-AL 12	ARRI	12Volt	11pin Fischer	45cm/17.7"
ARRI-AL 24	ARRI	24Volt	3pin Fischer (RS)	45cm/17.7"
PRO-AL	PRO/Artemis	12Volt	4pin Lemo	25cm/ 10"
RIG-AL	RIG	12Volt	3pin Lemo	25cm/ 10"
MOVC-AL	Moviecam Com.	24Volt	2pin Fischer	45cm/17.7"
PANM-AL	Panavision	24Volt	10pin Lemo	60cm/23.7"
STM-AL	Master	12Volt	2pin Lemo	20cm/ 7.9"
STU2-AL	Ultra 2	24Volt	3pin Lemo	20cm/ 7.9"
MKV-AL	MK-V	12Volt	3pin Lemo	20cm/ 7.9"
XLR4-AL	XLR4	12/24Volt	4pin XLR	20cm/ 7.9"
AB-AL	Anton Bauer	12Volt	AB Power Tap	60cm/23.7"
BP90-AL	BP90	12Volt	BP90 conn.	60cm/23.7"

### DigiFox (4pin Hirose) Power/Camera On-Off Cables

AA-AL-P/C	Aaton		6pin Lemo	45cm/17.7"
ARRI-AL-P/C	ARRI		11pin Fischer	45cm/17.7"
RS-AL-P/C	Arri/MoviecamSL/Pro35 Adapter		3pin Fischer (RS)	45cm/17.7"
PAN-AL-P/C	Panavision		10pin Lemo	60cm/23.7"

# Cables

May 2007

## Part no.

## Description

### **DigiFox (12pinHirose) Camera On/Off Cables**

DFCOFAA2	Aaton	2pin Lemo	30cm/11.8"
DFCOFAA6	Aaton	6pin Lemo	50cm/19.7"
DFCOFA	ARRI	11pin Fischer	45cm/17.7"
DFCOFA-M	ARRICAM/235/435/535/SRIII/ Movecam SL/Pro35 Adapter	3pin Fischer (RS)	30cm/11.8"
DFCOFMOV	Moviecam Com.	2pin Fischer	30cm/11.8"
DFCOFPAN	Panavision	10pin Lemo	100cm/39.4"
DFCOFV-F	Video Fuji on Lense	12pin Hirose	30cm/11.8"
DFCOFV-C	Video Canon on Lense	8pin Canon	30cm/11.8"
DFCOFV-V	Video on Camera	12pin Hirose	30cm/11.8"

### **DigiFox (12pin Hirose) to Lens Internal Focus Motor/Power Cables**

DFPMCD	Focus Motor in Canon Lense	20pin Hirose (digital)	45cm/11.8"
DFPMCA	Focus Motor in Canon Lense	6pin Hirose (analog)	45cm/11.8"
DFPMF	Focus Motor in Fuji Lense	12pin Hirose (analog)	45cm/11.8"

### **DigiFox (4pin Hirose) Camera On/Off Cables (when using DFPM xx cables)**

DFCOF4C	On Canon Lense	8pin Canon	45cm/11.8"
DFCOF4F	On Fuji Lense	12pin Hirose	45cm/11.8"

### **DigiFox (12pin Hirose) Focus-On/Off Cable (DigiFox has to be powerd seperately)**

DFPMPVX	Panasonic DVX100/HVX200(P2)	2,5mm/3,5mm Jack	30cm/11.8"
---------	-----------------------------	------------------	------------



# Best Tools

to fly your camera



*Betz*  
betz-tools.com

Betz-Tools GmbH München Germany  
www.betz-tools.com info@betz-tools.com  
Phone +49 (0) 89 65 11 32 20 Fax +49 (0) 89 65 11 35 20