



# Aladin

## Controls:

- Digital lens drive motors
- or camera light dimmer modul.
- The system can be run via 3 wireless handunits along with one receiver-motorcontroller.
- Light Dimmer modul via DMX
- Digital lens auto set up
- 3D function for focus motors
- Camera On/Off function



# Design Features



Antenna  
**AL-Anth**

## **Wireless**

Transceiver: (433/434 or 870 MHz 16 channels)  
No interference with current 1.2-2.4 GHz systems (video links - remote controls - networks etc.)

Transceiver unit  
**AL-T X00**

## **Hardwire**

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

Focus - Iris unit  
**AL-Fi**

## **Scale Expansion or Compression**

Quick & Easy calibration of any possible lens scale range.

## **Torque Adjustment**

Of focus handwheel.

Zoom unit  
**AL-Z**

## **Motor Reverse Function**

## **Scale Illumination**

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

## **Zoom Function**

Zoom control via joystick, variable speed adjustment, zap function.  
Bargraph display indicates zoom lens position.

Battery unit  
**AL-Bat**

## **Memory Function**

System memorizes all settings in the absence of power.

**Battery System** Nimh 600 mA for a full day's operating.

## Motors

System matches with wide range of digital motors.  
Unit provides maximum resolution and accuracy in positioning and velocity (32 bits).

## Motor Control Unit (Receiver)

Wide power input range 9 - 37 Volt DC internal  
DC-DC compensation for motor power out  
(3.5A peak with 3 motors connected)

## 3 D - Function

Two focus motors can be controled simultaneously via the focus handwheel.

## Automatic Motor Calibration

Unit automatically sets up lens scale limits and torque.

## Camera Run Function

Start/Stop (record) on/off pulse switchable.

## Light Dimmer Module (Optional)

Connected in the place of the iris or zoom motor.  
Camera light max. 75 W can be dimmed flickerfree from 0 to 100% (wireless or DMX)

## Compact

Size: 11,5x10x4cm (4,5"x3,9"x1,57") 470gr. (1lbs)



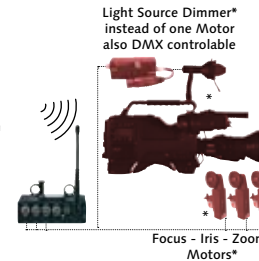
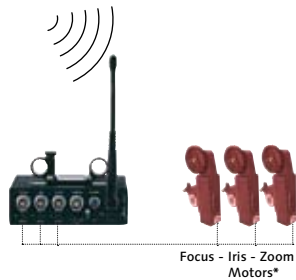
Motor control unit  
**AL-MCU4-X00**

# System September 2008

Part no.	Description
	<b>Basic Unit Aladin 4 - 400 or 800</b>
AL-4-400/800	Transceiver unit with antenna (433-434 MHz 16 channels) or on request (846-848 MHz 16 channels)
AL-Fi	Focus - Iris - Cam on/off unit - 3D Function
AL-Z	Zoom unit
AL-Bat	Batteries (2x)
AL-Ch	Batterie charger
AL-MCU4	Motor control unit with antenna



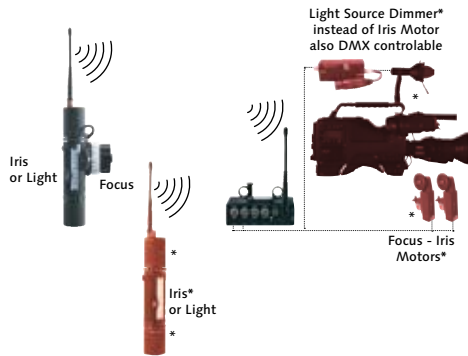
**Basic Unit AL-4-X00**  
(Motors not included)



**Sample for Basic Unit AL-4-X00**  
(Red Parts\* are optional)

# System September 2008

Part no.	Description
	<b>Basic Unit Aladin 3 - 400 or 800</b>
AL-3-400/800	Transceiver unit with antenna (433-434 MHz 16 channels) or on request (846-848 MHz 16 channels)
AL-Fi	Focus - Iris - Cam on/off unit - 3D Function
AL-Bat	Batteries (2x)
AL-Ch	Batterie charger
AL-MCU4	Motor control unit with antenna



Sample for Basic Unit AL-3-X00  
(Red Parts\* are optional)



# Optional System Components



## **AL-TX 400 or 800 Transceiverunit**

Transceiver: (433/434 or 870 MHz 16 channels) Antenna

## **AL-HWA Hardwireadapter**

Adapter to connect external iris unit with basic unit AL-Fi  
Cable length 3m/118"

## **AL-i External Iris Unit**

External Iris unit with configuration plug.

## **AL-i/DMX External Iris Unit DMX**

External Iris unit with configuration plug.  
DMX input for light control in combination with  
Light Dimmer modul AL-LS.

## **AL-Z Zoom Unit**

Zoom control via joystick, variable speed adjustment, zap function.  
Bargraph display indicates zoom lens position.

## **AL-Bat Battery System**

Nimh 600 mA for a full day's operating.

## Components September 2008

Part no.	Description
	<b>AL-TX 400 or 800 Transceiver Unit</b>
AL-T400	Transceiver: (433/434 16 channels) Antenna
AL-T400	Transceiver: (846/848 16 channels) Antenna
	<b>AL-HWA Hardwireadapter</b>
AL-HWA	Adapter to connect external iris unit with basic unit AL-Fi Cable lenght 3m/118"
	<b>AL-I External Iris Unit</b>
AL-i	External Iris unit with configuration plug
AL-i/DMX	External Iris unit with configuration plug and DMX input for light control from light consoles to iris or zoom channel.
	<b>AL-CP Configuration Plug</b>
AL-cp	Configuration plug for External Iris unit as spare
	<b>AL-Z Zoom Unit</b>
AL-Z	Zoom unit seperate
	<b>AL-Bat Aladin Battery</b>
AL-Bat	Aladin Battery NimH 600mAh as spare

# Light-Dimmer & Motors



## Compact Camera Light-Dimmer Unit

Dim your camera light wireless.

Just connect the Light-source to your Camera light (Halogen/LED etc.) max. 75Watt 12 Volt and to one of the outputs of the Aladin Motor control unit on Iris or Zoom.

The camera light can be wireless dimmed flicker free from 0 to 100% via the (ext.) iris slider.

In combination with the external iris unit (AL-i/DMX) the camera light can also be controlled by a standard DMX 512 signal. (light mixer console etc.)

Size: 9 x 3.8 x 3 cm ( 3.54" x 1.5" x 1.2")

Weight: 190g ( 0.4 lbs)



## Motors

System matches with most digital motors in the market.

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

## Dimmer & Motor Sept. 2008

<b>Part no.</b>	<b>Description</b>
	<b>Light-Source</b>
AL-LS	Dimmer unit output power up to 75W/12V with cable (XLR-LS)
	<b>Cables</b>
AL-LS-XLR	Dimmer Cable for Power XLR and Control Input      4pin XLR
AL-LS-RIG	Dimmer Cable for Power RIG and Control Input      3pin Lemo
DMXI-LS	Aladin DMX Cable for Control out Receiver Iris Channel
DMXZ-LS	Aladin DMX Cable for Control out Receiver Zoom Channel
	<b>Digital Motor</b>
BTM	Motor including Mounting Bracket for 19/15 mm Rods, four Gears Module 0.8 - 0.6 - 0.5 - 0.4

# Pan Handle Adapter

## **AL-PHA**

Panhandle adapter to mount the Aladin system via mounting clamp (AL-MCA7) to any common pan bar.



## **AL-MCA7**

Mounting clamp for pan handle adapter (AL-PHA)



## **Sample:**



**Part no. Description**

**Pan Handle Adapter**

AL-RK	Aladin adapter to mount on panhandle (connector one side)
AL-RKE	Aladin adapter to mount on panhandle (connector both side)

**Aladin Accessories and Spares**

RMB	Receiver mounting bracket for 15mm rods
AL- Anth	Aladin Antenna for Handcontrol
AL- AntM	Aladin Antenna for Motorcontrol (right angle connector)
AL- Si	Scale illumination light
SC	Scale ring for Focus
SCi	Scale for Iris
str	Neckstrap for Aladin
AL- Ch	Aladin battery charger 100 - 240 Volt
AL- PS	Aladin Power Supply for External Iris DMX Mode
Motcon	Aladin Digital Motoramplifier Board (Focus/Iris/Zoom)
AL- Manu	Aladin manual as spare

**Aladin Combi Power and Camera On/Off Cables**

AA-A-P/cam	Aaton	12Volt	6pin Lemo	45cm/17.7"
Arri-A-P/cam	ARRI	12Volt	11pin Fischer	45cm/17.7"
RS-A-P/cam	ARRI	24Volt	3pin Fischer	45cm/17.7"
PAN-A-P/cam	Panavision	24Volt	10pin Lemo	60cm/23.7"

# Cables

September 2008

## Part no.

## Description

### Aladin Motor Cables

AMOTD	Digital BTM/Heden/Scorpio/Preston	8pin Lemo	60cm/23.7"
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### Aladin (4pin Hirose) Power Cables

MovC-AI	MoviecamaCom	24Volt	2pin Fischer	45cm/17.7"
PanM-AI	PanavisionM	24Volt	2pin Lemo	60cm/23.7"
PRO-AI	PRO	12Volt	4pin Lemo	45cm/17.7"
RIG-AI	RIG	12Volt	3pin Lemo	25cm/ 10"
STM-AI	Master	12Volt	2pin Lemo	20cm/ 7.9"
STU-AI	Ultra	24Volt	3pin Lemo	20cm/ 7.9"
XLR4-AI	XLR4	12/24Volt	4pin XLR	20cm/ 7.9"
AB-AI	Anton Bauer	12Volt	AB Power Tap	60cm/23.7"
BP90-AI	BP90 connector	12Volt	BP90	60cm/23.7"

### Aladin Remote Camera ON/OFF Cables

COFAA2	Aaton	2pin Lemo	30cm/11.8"
COFAA6	Aaton	6pin Lemo	50cm/19.7"
COFA	ARRI	11pin Fischer	30cm/11.8"
COFA-M	ARRICAM/435/535/SRIII/Mov.SL	3pin Fischer	30cm/11.8"
COFMov	MoviecamaCompact	2pin Fischer	30cm/11.8"
COFPan	Panavision	10pin Lemo	100cm/39.4"
COFV-V	Video Camera	12pin Hirose	30cm/11.8"
COFV-F	Video Fujinon	12pin Hirose	30cm/11.8"
COFV-C	Video Canon	8pin Canon	30cm/11.8"



# Best Tools

to fly your camera



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