

# Hocus Focus Specification Sheet



## Wireless Remote Follow Focus System

### Primary Functions

- Operates the focus ring of a 35mm SLR or broadcast lens over a wireless link
- Transmitter includes two limits for calibrating motor movement
- Limits can also be used as focus stops
- 10 user-selectable Frequencies/Bands
- Transmitter and receiver have low battery warning feature

### Included

- Hocus Focus transmitter unit
- Hocus Focus receiver unit
- Hocus Focus motor and gears (0.8m, 0.6m and 0.5m)
- Marking ring for transmitter
- 2 x antennas (straight)
- Lemo cable (60cm)
- 19mm rod adapter
- Hard Storm case with custom fitted foam

### Motor

- Motor turns 180°
- Features quick change gear hub for mounting required gear
- Motor is machined from two solid pieces of aerospace aluminium, anodised black
- Mount is 15mm rod clamp, 19mm adapter available
- Motor only grips a single rod
- Requires half a turn on the tightening knob for a solid lock to the rod
- Uses 0B size Lemo connector for connection to the receiver
- Lightweight and very robust

### Transmitter

- Built into a rugged aluminium extrusion
- Powered off a single 9v battery (10hrs approx operation)
- Features interchangeable marking disk
- Standard size cine style focus wheel with fluid drag
- Lanyard point and belt clip included
- Durable sealed membrane switches for limit and frequency setting
- 10 user selectable frequencies, using colour coded system
- Direction change for reversing operation direction (for Nikon lenses for example)

### Receiver

- Built into a tough diecast aluminium enclosure
- Will accept standard XLR power (12v) or Sony NP battery power
- Uses ¼-20 standard camera screw for mounting
- Durable membrane panel for frequency select
- Data light indicating good signal
- Low profile 0B size Lemo for motor connection
- Frequency light flashes to indicate low battery

## Power Options

- Transmitter runs off standard 9v battery. Life approx 10 hours
- Receiver has standard 4 pin XLR power input (12v)
- Receiver can also be powered with external Sony NP mount camcorder battery

- Receiver will run off standard v-loc battery for approx 40 hours (depending on usage)
- Receiver will run off Sony NP570 (smallest) for approx 12 hours
- Frequency light on RX/TX units flash slowly to indicate low batteries.

## Mounting Options

- Receiver fitted with standard 1/4-20 thread
- Transmitter has a belt clip and lanyard point
- HotShoe and 15mm rail mount available

## Optional Accessories

- Shoe mount and 15mm rod mount for the receiver
- Replacement and angled antennas for transmitter and receiver
- Lens gears for different types of lenses
- Motor cables of differing lengths
- Spare marking disks for transmitter

## Dimensions

### Receiver Unit

- 65x130x51mm (without antenna)
- Antenna 60mm long
- Weights 290g

### Transmitter Unit

- 165x91x95mm
- Antenna 60mm long
- Weights 650g

### Motor Unit

- 125mm long
- 30mm wide
- 15mm rod clamping bore
- Weights 160g

## Wireless transmission

- Range approx 100m in built up area, 200m in open space
- Antennas are detachable via threaded SMA connector
- Angled, straight or articulated antennas available.
- Data transmission encoded to prevent interference.
- Hocus Focus system uses legal frequencies worldwide.
- CE marked

Worldwide frequency: 433-434mhz

US frequency: 900mhz

Power: 10mW

Compliant to ESTI EN300 220-3 09/2000

Information correct as of 14/07/2009

[www.HocusProducts.com](http://www.HocusProducts.com)

This product conforms with Restriction of Hazardous Substances Directive  
This product meets EU consumer safety, health and environmental requirements.

