

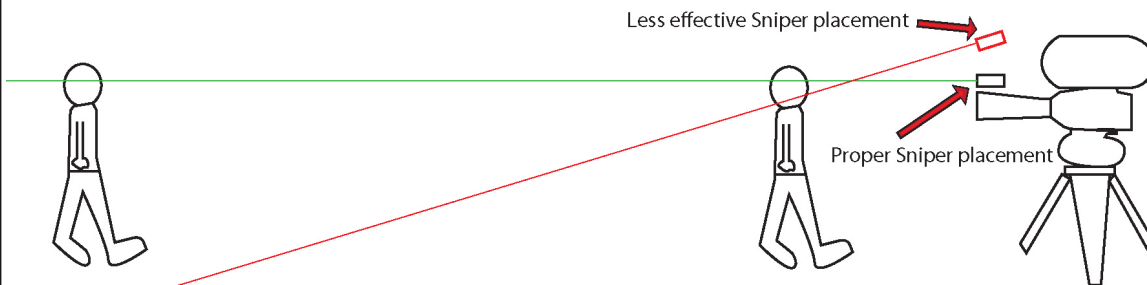


Thanks for purchasing the Ward Sniper Mk3. After years of development, we feel this is the best, most versatile version yet. Included you will find:

- (1) Sniper MK3 laser unit
- (1) OLED Display unit with integrated wireless
- (1) Display unit cable
- (4) High capacity rechargeable 9V batteries
- (1) 9V recharger
- (1) Smoke Iris set

#### **Setup of Sniper**

For the Sniper to work most effectively, it should be placed centered to the lens and as close as possible above it. This will keep the beam as parallel as possible to the lens, which is especially critical at longer distances where the object will be coming towards or away from the lens. (Parallax)



For wireless capability, place 9V battery in display unit. (Make sure polarity is correct, or display will not power up.)

#### **Pairing Display to Sniper**

The MK3 comes paired from our facility. In the rare event that the unit becomes unpaired, do the following.

- (1) Power off display and laser, then connect display cable between the two units.
- (2) Power on both units, go into the display menus and select "Pair". You will see "Pair" changed to "Pairing" and then "Paired" when complete.
- (3) If "Pairing" stays on for more than five seconds, power units off and start again.

#### **Menu**

**OFFSET** - This allows you to calibrate the Sniper so it outputs the correct measurements. If the front of the unit is 10" in front of the film plane, then you would set the offset to "+10" for the Sniper to give correct measurements. Check calibration with a measured distance, you may have to adjust for your unit.

**BRIGHTNESS** - To set the brightness of the display.

**FEET/METER** - To toggle the display units between feet and meters.

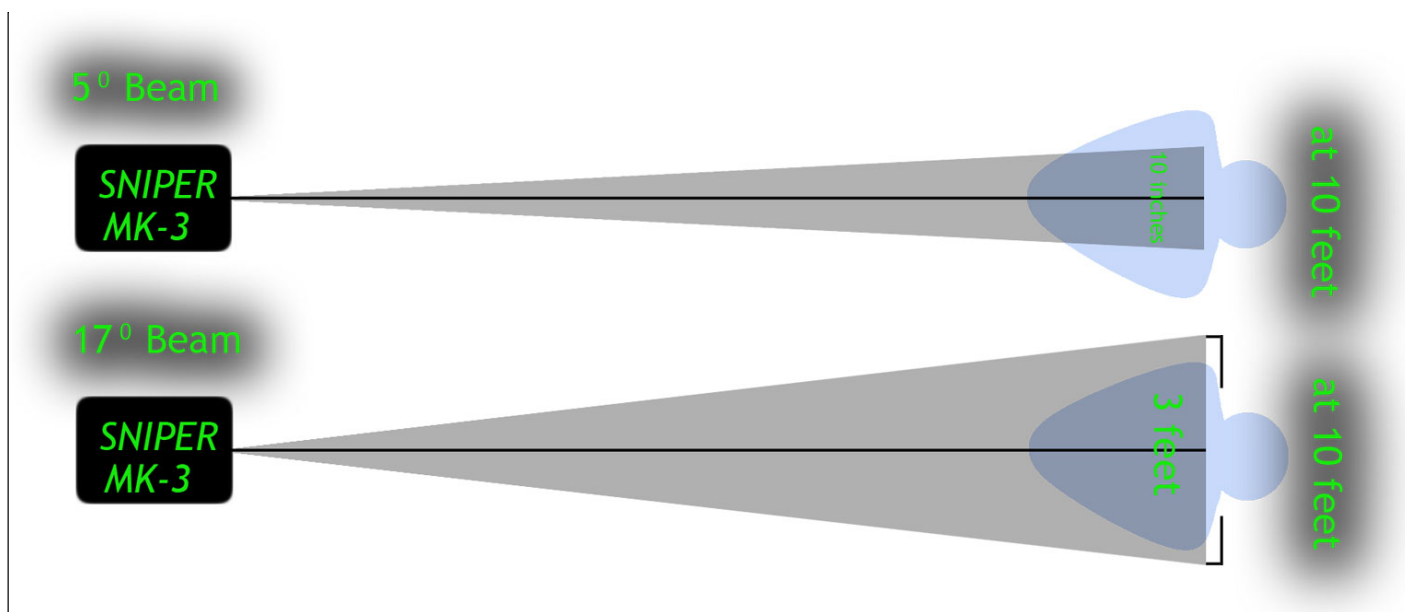
**EXIT** - To exit the menu.

#### **Smoke**

When smoke is used on set, it can cause false readings. Use of the provided Smoke Iris is recommended. For best results with the Smoke Iris, use without a Xylon attachment, or if you feel you need a wide beam, the 5 degree is recommended. The Smoke Iris attaches with a forced snap onto the shoulder of the shoulder screw on either the Green Optical Flat or The Xylon attachments. The smallest shutter first then the longest on top of the shortest.

### **Optional Accessories**

- 17 degree wide angle lens adaptor - 3 foot wide linear beam at 10 feet
- 5 degree lens adaptor - 10.5 inch wide linear beam at 10 feet
- Spare battery - 520mAh Lithium-Polymer 9Vs. Ordinary Alkaline or Lithium 9 volt batteries can be used in a pinch if needed.
- Power cables – Arri 3-pin RS to Sniper and/or Panavision 2-pin split Lemo to Sniper, etc..
- **Geared Pan and Tilt bracket**
- **Sniper Articulating Arm**



### **Cable Pin Configurations**

#### • Data Cable

Port: EGG.0B.304.CLL

Cable Connector: FGG.0B.304.CLAD52

Cable Length: Your choice

Cable Diameter: 5 mm

Conductors: 4

Pin Mapping: Direct (1 to 1 red wire, 2 to 2 black wire, 3 to 3 different color, 4 to 4 different color)

#### • Power Cable

Port: EGG.0B.302.CLL

Cable Connector: FGG.0B.302.CLAD52

Cable Length: Your choice

Cable Diameter: 5 mm

Conductors: Minimum 2

Pin Mapping: Pin 1 on Lemo connector will go to ground on camera (black wire)

Pin 2 on Lemo connector will go to positive voltage supply from camera (red wire)