



Folding Mark E (FMKE) Assembly Manual Ver1.2

If you have questions that are not addressed in this manual, please email steve@eyedirect.tv

Introduction

Thank you for purchasing an EyeDirect® Focusing Device. The EyeDirect is extremely easy to use and as Philip Bloom, DP, Director/Filmmaker says, will become an "essential piece of kit for direct-to-camera interviews". The Folding Mark E folds to the very smallest profile to help alleviate shipping cases and excessive baggage. Visit the web for videos of the amazing results <http://www.eyedirect.tv>.

Package Check List

EyeDirect Folding Mark E

- Adjustable horseshoe, sled, riser and foot to which the camera is secured.
- 8- 10x32 Flat top knurled knobs top secure top and bottom
- 4- 10x32 knurled knobs for securing the EyeDirect to the horseshoe bracket.
- 1- 10x32 knurled knobs for securing the mirror block.
- Folding EyeDirect Box; with swing out wing to accept 'Edison' (conventional) mirror assembly and glass beam splitter
- Hinged 'Edison' Mirror assembly; ABS plastic frame and hardware with hook and loop fasteners
- Rubber donut; to mask light from between lens and EyeDirect lens port opening.
- Optional SKB iSeries Waterproof case with custom cut foam insert

*"Essential piece
of kit for direct-
to-camera
interviews"*

*Philip Bloom, DP,
Director/Filmmaker*

Getting Started with the EyeDirect 'Folding' Mark E



The Folding Mark E is often shipped 'built', so the user may enjoy the benefits before learning the steps to 'fold' the device into it's smaller footprint. After the initial fitting of your camera to the EyeDirect, the setup time will be greatly reduced. By 'flipping' the EyeDirect on the horseshoe bracket, it will accommodate a shooter/interviewer or shooter AND interviewer... on either side of the camera.



This unit has many adjustment options and this manual will assume a few common elements to help with this initial fitting. We will assume you are setting up a prosumer video or DSLR camera and will be shooting and interviewing by yourself.

1) Become familiar with adjustment options available to position your DSLR.

- a) Horseshoe offer vertical slots
- b) Sled may be positioned in any of four horizontal slots offering side to side centering-of-lens adjustment
- c) Riser may be adjusted side to side and offers both 3/8x16 and 1/4x20 tripod tiedowns
- d) A bracket 'foot' may replace the riser to offer even more adjustment combinations.

- 2) When initially setting up a DSLR camera, the most versatile arrangement is the riser on top of the 'sled', while the sled is secured in the lowest slot position on the horseshoe. (as seen in photo to right)

NOTE Only 2 fasteners are required to hold the sled to the horseshoe... (we recommend at least three). If the fasteners fit... keep all fasteners in the sled or in the included 4 mil plastic bag. Do not allow 'loose' fasteners floating in a case... as a fastener may scratch or break precious mirrors.



Use this configuration with Canon Mark Series/24-105 and C300



Sled in top slot with foot



Sled in second slot with riser



Riser or foot may be removed if you are handheld.

- 3) Notice four fasteners in sled. (one or two may be removed to allow the sled and foot to adjust left and right)



- 4) If you must offset the camera body, to accommodate 3rd part accessories, (when viewfinders or other systems commandeer the 1/4x20 camera tiedown hole) you may secure the foot or sled to the horseshoe with 2 or 3 fasteners



- 5) The operator may adjust the 'Edison Mirror' by gently sliding the mirror front and back.

- a) Treat glass mirrors, (beamsplitter and Edison) as you would fine glass filters.
- b) Beamsplitter is required to be in 'sleeve' for travel

- 6) Confirm mirrors were not damaged in transit. (WARNING: IF GLASS IS BROKEN, BE EXTREMELY CAREFUL OF BROKEN GLASS DANGER)



CONFIGURED FOR INTERVIEWER ON CAMERA-RIGHT SIDE

Rubber Donut

The RUBBER DONUT is used to put over the barrel of the camera lens.... and 'matte' the light that is seen by the subject between the barrel of the taking lens and the EyeDirect lens port. Just like with an Autocue/teleprompter, you want to provide a 'black field' behind the beam splitter for your subject to look into.



Parts List

- a) Optional hook and loop strip to secure top and bottom to box
- b) Mirror block that holds beamsplitter
- c) 8-1/2" 10x32 flat knurled knobs to secure top and bottom to box
- d) 4-1/2" 10x32 knurled knobs to secure EyeDirect to horseshoe
- e) 1-1/2" Larger head knurled Mirror block fastener
- f) 2- 5"-1/4" round 10x32 threaded aluminum standards for structure
- g) 2-similar cowlings for top and bottom
- h) glass beamsplitter
- i) (not used)
- j) primary structure of device in folded configuration
- k) beamsplitter's protective sleeve
- l) camera bracket-3/8x16 and 1/4x20 fastener holes offer customizable adjustments for all type of DSLR and prosumer video cameras.
- m) camera bracket 'foot' for additional balance options



When the Folding Mark E (FMKE) is collapsed, it is the size of a thick laptop.



Folder- Mark E

The 4 mil plastic parts bag keeps loose parts from floating in the shipping case and damaging the mirrors.



Interviewer Light

It is important to provide a bright ambient environment or a light for the interviewer. Subject will need the supplemental lighting to help 'cut through' the lighting that is on them.

