

Off-Camera Lighting on the Cheap

Presented to: Eastman Recreation Camera Club

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Spencer Hochstetler

Who is the target audience of this seminar?

- Those who are curious about lighting with one or more strobes off-camera, but don't know where to start
- Those with very little knowledge of the concepts of lighting with strobes
- Those who know they want to light, but are on a budget and want to see some gear examples in person to help with purchasing decisions
- Those who are uncomfortable with manual control of a camera and lights

Strobes

- triggering by wire; PC or TTL-capable
- triggering by radio
- triggering optically
- full auto vs. full manual

Holding the flash

- light stands; straight and boom
- umbrella adapters
- Clamps

Quality of light

- hard
- soft
- restricted
- light falloff (inverse square law)
- reflectors and scrims

Exposure (Demos)

- auto
- sync speeds
- shutter speed controls ambient contribution
- aperture controls flash contribution
- building a scene and why manual control is easier
- light fall off demo (fruit?)

Light modifiers (Demos)

- gels
- umbrellas
- softboxes
- snoots
- cookies/gobos

Photos (Demos)

- product/still life and showing shape with softbox
- soft dramatic headshot
- side lit headshot
- gridded background
- cookiecaked background

What to buy/Where to buy

- PC cords (http://flashzebra.com/screwlock_pc/index.shtml), \$15
- E-TTL cords (<http://flashzebra.com/ttlcords/index.shtml>), \$50
- Yongnuo RF-602 triggers (<http://shop.ebay.com/merchant/hkyongnuophotoequipment>), \$29 for 1 Tx + 1 Rx, \$72 for 1 Tx + 3 Rx
- battery charger – LaCrosse BC-9009 (<http://www.amazon.com/Crosse-Technology-BC-9009-AlphaPower-Battery/dp/B00077AA5Q>), \$41
- umbrellas – Wescott 44" white satin convertible(<http://www.mpex.com/browse.cfm/4,4635.html>), \$25
- Manfrotto 5001 light stand (<http://www.mpex.com/browse.cfm/4,4944.html>), \$56
- Lumopro light stand (<http://www.mpex.com/browse.cfm/4,15510.html>), \$40
- Manfrotto umbrella adapters (<http://www.mpex.com/browse.cfm/4,430.html>), \$30
- Lumopro umbrella adapter (<http://www.mpex.com/browse.cfm/4,4722.html>), \$20
- Flash Zebra cold shoes (<http://flashzebra.com/products/0137/index.shtml>), \$7
- Honl grids ([Amazon](#)), \$20
- Honl Speedstrap ([Amazon](#)), \$10
- snoots – homemade or Honl ([Amazon](#)), \$30
- Cheetah Qbox 24 softbox (<http://www.cheetahstand.com/servlet/the-38/Cheetah-Qbox-24/Detail>), \$113
- Cheetah Boom stand (<http://www.cheetahstand.com/servlet/the-6/cheetahstand,-cheetah-boom,-portable/Detail>) \$120
- Lumopro 160 flash (<http://www.mpex.com/browse.cfm/4,14648.html>), \$160
- Rosco gels (<http://www.mpex.com/browse.cfm/4,13229.html>), \$10
- Flash Zebra color correction gel kits (<http://flashzebra.com/products/0161/index.shtml>), \$6

Learning resources

- [strobist.com](#) and the [flickr.com strobist group](#)
- Kirk Tuck's Minimalist Lighting ([Amazon](#)), \$20