



Traditional electronic flashes and theatrical strobe lights are unsuitable for use in motion picture photography, because their flash is of too short a duration to be reliably recorded during the actual camera exposure. The "POPPER" allows for simple and convenient control of readily available theatrical strobes and "Hungaroflash" lightning units. By providing direct user adjustment of both "Flash Intensity" and "Flash Duration", these strobe units can be conveniently and effectively used for off-screen photo flash effects, without the expense of time or complexity in setting up a dimmer control console.

The "POPPER 1X" has a single "Flash" pushbutton, and digital controls for "Intensity" and "Duration." It also has 1 DMX signal output, 3Pin XLR female connector.

USE:

- 1** Set the strobe unit's internal dip switches to allow for DMX control of all 3 parameters: "Intensity" "Duration" and "Rate" (See illustration Below)
- 2** Set the starting DMX value for Dataflash AF 1000 units to channel "1" (See illustration Below)
Or set the starting DMX value for Hungaroflash units to channel 4
- 3** Test the battery inside the Popper 1X unit by pressing the "POP" button. If the battery is good, you should see a single flash of the green LED above the button, for each press.
- 4** Power on the strobe unit.
- 5** Set the desired intensity on the "Intensity control" of the POPPETR 1X.
- 6** Set the flash duration on the "Duration control" of the POPPETR 1X.
- 7** Momentarily press the "POP" button to flash the strobe.

Notes.

You may daisy chain as many strobe units as you like off of the single output, so long as Dataflash AF1000 units are addressed as Ch 1 and Hungarofash units addressed as Ch 4, they will all flash simultaneously for the desired duration.

Dataflash AF 1000 units will "safety timeout" if they flash continuously over a short period of time. The yellow LED indicator in the Dataflash AF1000 head will blink to indicate the timeout. When this happens, the system will cool down and reset its self in 2 minutes.

The duration value (00-99) indicates a true time, in 120ths of a second. A Duration value of 00 will indicate a flash of 1 120th of a second in duration. A Duration value of 01 will indicate a flash of 2 120ths of a second. etc. A duration value of 04 indicates a flash of 1/24th of a second, and represents the shortest flash which will reliably expose consistently at 24 fps. We recommend beginning testing with a Duration value around 12.

To replace 3 AAA batteries inside the unit, unscrew the 4 phillips bolts holding the end panel with the handle in place.

The Illustration below shows the AF1000's dip switches properly set for use with the POPPER 1X. Note the binary setting of "0", which indicates a setting of DMX channel "1". Also note that "INTENSITY", "DIRATION", AND "RATE" are set for DMX control.

