



Camtraptions Multi Cable for Sony

Firmware Version 1.0



Index

Index	1
Overview	2
Modes	2
Mode 1	3
Mode 2	3
Mode 3	3
Mode 4	4
Mode 5	4
Mode 6	4
Mode Select.....	5
Support.....	5

Overview

The Camtraptions Multi Cable for Sony is a cable with an integrated controller that allows remote activation of Sony cameras with the “Multi”-type connector.

The controller has been design to work seamlessly with Camtraptions sensors and wireless triggers to enable remote photography and video recording with Sony Interchangeable Lens Cameras.

The cable can perform the following functions:

- Wake the camera from sleep
- Start and stop video recording
- Take still photographs

The cable ends in a socket designed to take a Canon E3-type camera connecting cable. This cable can transmit half-press and full-press commands to the controller, which will then respond based on the Mode selected.

Modes

The controller has six Modes, which cater for a range of different usage scenarios.

When switched on, a red LED on the controller flashes between 1 and 6 times to indicate the Mode that the controller is in.

Please refer to the “Mode Select” section for instructions on how to change the operating Mode.

Mode 1

Record 15 seconds then auto-power-off, extend record time if there are additional full-presses during record.

The input from full-press starts the camera RECORDING, recording stops when 15seconds has elapsed since the last full-press occurred. Half-press is used only to switch the camera on.

For use with third-party triggers and Camtraptions PIR Programs 1, 7 and 10.

Mode 2

Record video while full-press is held.

As long as the input is full-press the camera is instructed to RECORD, recording stops when released. Half-press is used only to switch the camera on.

Note that this mode does not auto-power-off the camera after recording so the camera itself needs to be configured to auto-power-off via its menu.

For use with PIR Program 32. Not generally recommended because battery life of PIR will be depleted more rapidly.

Mode 3

Full-press starts recording, second full-press stops recording.

The moment full-press is detected the camera is instructed to RECORD, recording stops only after full press is released and a second full press is detected. Half-press is used only to switch the camera on.

Note that this mode does not auto-power-off the camera after recording so the camera itself needs to be configured to auto-power-off via its menu.

For use with PIR Programs 14, 16, 18, 20, 22 and 24.

Mode 4

Record 60 seconds from full-press, then auto-power-off.

The input from full-press starts the camera RECORDING, recording stops after 60 seconds. Additional full-presses during the recording are ignored. Half-press is used only to switch the camera on.

For use with third-party triggers and Camtraptions PIR Programs 1, 7 and 10.

Mode 5

Half-press starts recording, second half-press stops recording.

This mode is the same as Mode 3 except half-press starts and stops recording. Full-press is ignored.

Note that this mode does not auto-power-off the camera after recording so the camera itself needs to be configured to auto-power-off via its menu.

For use with PIR Programs 13, 15, 17, 19, 21 and 23.

Mode 6

Standard shutter release mode. This mode simply passes the half-press & full-press to the camera.

This mode is for still and time-lapse photography.

This mode also has a built-in a bulb feature: if full-press is held for more than 4 seconds and then released, the device will keep sending the full-press to the camera until a second full-press is made and released.

For use with PIR Programs 1 to 12 and 25 to 31.

Mode Select

Connect a standard wired shutter release with Canon E3-type connector to the Multi Cable and plug the other end into the camera.

Fully press the shutter release and keep the button held down. Now switch on the camera. The unit detects the "full-press" and the LED flashes long-short for about 3 seconds. Return to half-press during this time to enter MODE SELECT. If the switch is not released, or fully released, then normal operation resumes.

In MODE SELECT the unit will slowly flash once, twice, to 6 times then enter normal operation. Return the shutter release to full-press during or after the number of flashes to set that mode. Hold pressed until the LED lights solid indicating writing & saving the new setting. Now and all subsequent switch-ons will use the new settings.

If this sequence is not strictly adhered to the unit immediately falls back into normal operation with the existing selected mode.

Example: Setting Mode 5

Hold down full-press on the shutter release and turn on the camera. When the LED on the controller starts to flash, lift your finger slightly so that only a half-press command is sent. The controller is now in "MODE SELECT". Keep the half-press held (at no point during this procedure should you lift your finger off the button completely). The LED will flash once, then twice, then three times, then four times. When it starts the sequence to flash five times, push the button fully down again. After a short delay the LED will light solidly to indicate that the Mode has been changed successfully. The procedure is now complete and the button can be released.

Support

For technical support, please email support@camtraptions.com.