

LANC CONTROLLER

DigiPin 13

WL1 firmware 2.0

**ALWAYS TURN CAMERA OFF IF CONNECT OR DISCONNECT
THE CONTROLLER!!!**



We would like to thank you for buying our Lanc controller WL1.

DigiPin 13 j.d.o.o. is a young company which strives to expand the technological aids and gadgets to a wide range of people, with stress on simplicity and functionality of our products.

This product (WL1 Lanc controller) is meant to be used with Blackmagic cameras. The basic goal of its simplicity and functionality is to make the usage of the video camera easier.

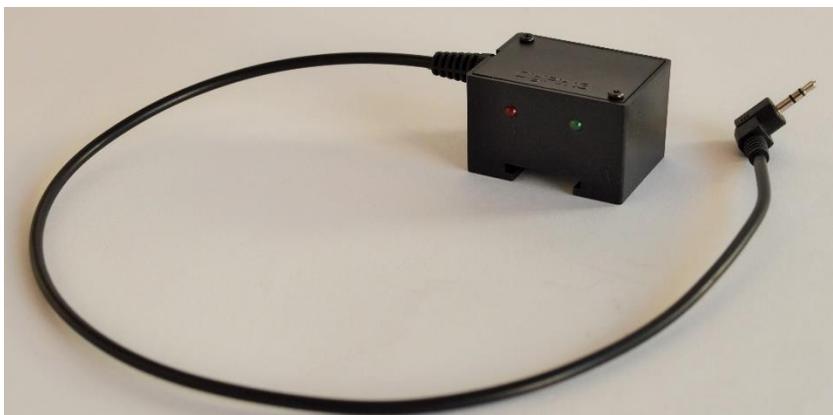
There are two versions of the WL1 controller, wireless and cable. Both controllers are marked the same, the difference is that the cable controller has a cable with a "Jack" 2,5 mm connector at the end, which connects to the Lanc camera input, and the wireless controller has no cable, but a receiver with a cable with Jack 2,5mm connector which connects to the Lanc camera input.

Wireless Lanc controller WL1

TX



RX



User manual:

ALWAYS TURN CAMERA OFF IF CONNECT OR DISCONNECT THE CONTROLLER!!!

PLUGGING IN THE CAMERA -Wireless Controller WL1 :

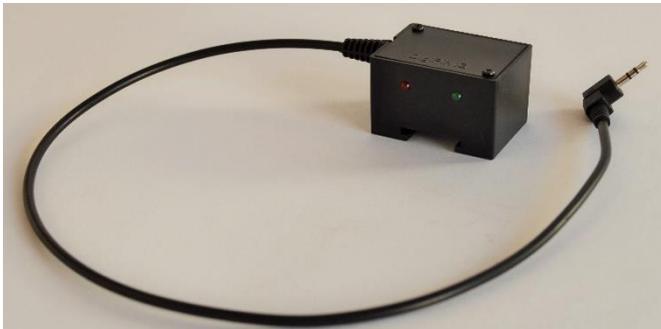
CONNECT OR DISCONNECT THE RECEIVER (RX) ONLY WHEN THE CAMERA IS TURNED OFF!!!

Receiver (RX) for this controller uses the energy from the LANC connector on the camera itself, and the transmitter (TX) uses two batteries AAA 1,5 V (2 x AAA 1,5 V) as the energy source.

1. Turn the camera off!!!
2. Plug in Jack 2,5 mm receiver into the LANC- camera input

Receiver (RX)

1



2



3



3. Turn the camera on and wait until the camera system loads and until the red led diode on the receiver turns off (around 2 seconds).

4. Insert the **one** battery (AAA 1,5V) into the transmitter (TX) while paying attention to the battery polarity (+pole to +pole), and (- pole to - pole), then **chose LAYER** 1,2,3 or 4 by press and hold button 1,2,3 or 4 and while insert the **second** battery (AAA 1,5V) into the transmitter (TX) with paying attention to the battery polarity (+pole to +pole), and (- pole to - pole). Layers chose only first time or when you need other layer.

Transmitter (TX)

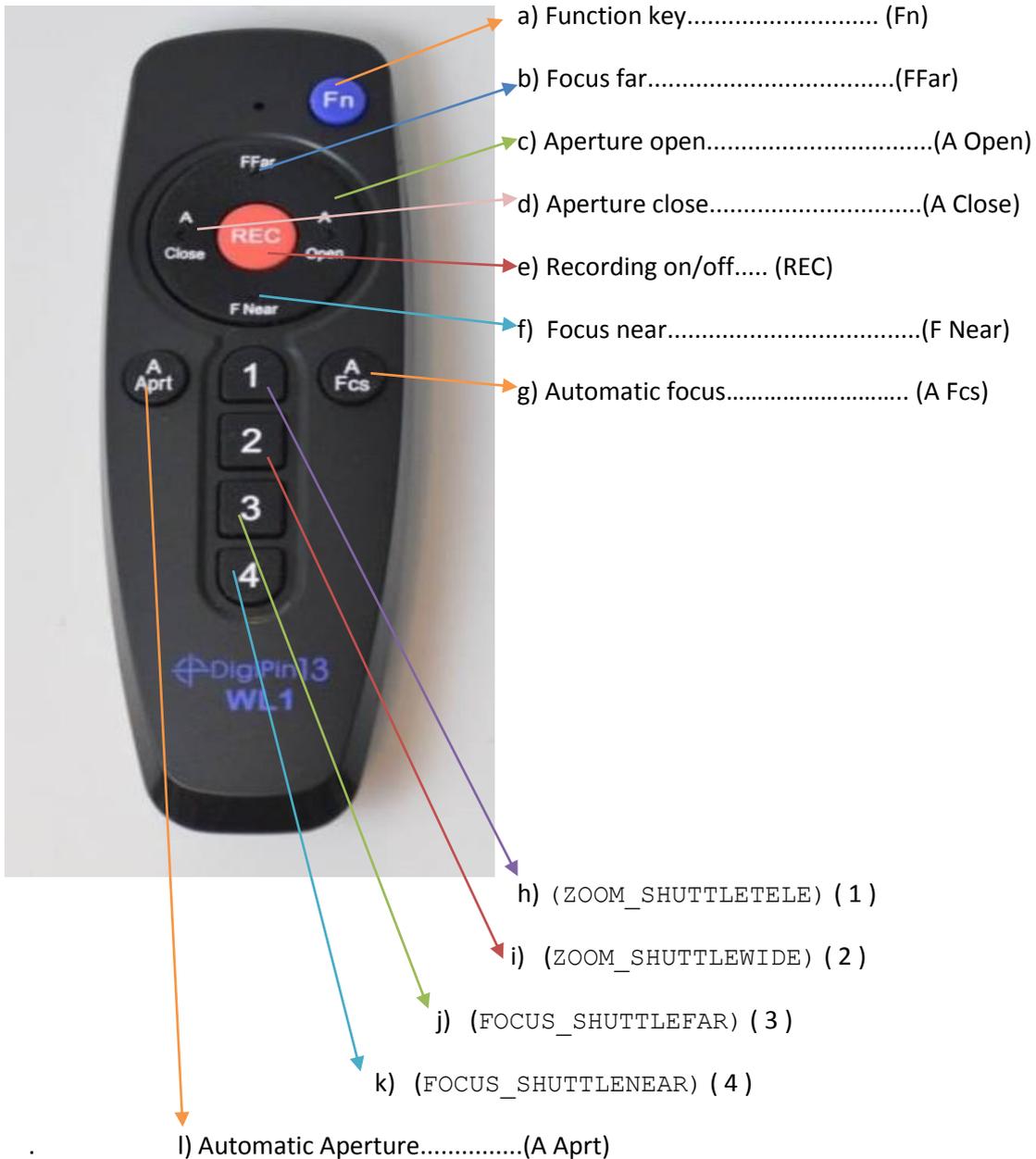


5. You may start using the wireless Lanc controller WL1 !

BE SURE TO TURN THE CAMERA OFF Before plugging out the receiver (RX) from the camera!!!

CONTROLLER KEY FUNCTIONS - LAYER 1 (Blackmagic Design camera) :

Signal LED blue and red (blue light signalizes sending of the signal, and the red light turns on when the record is on, and turns off when the recording is off)



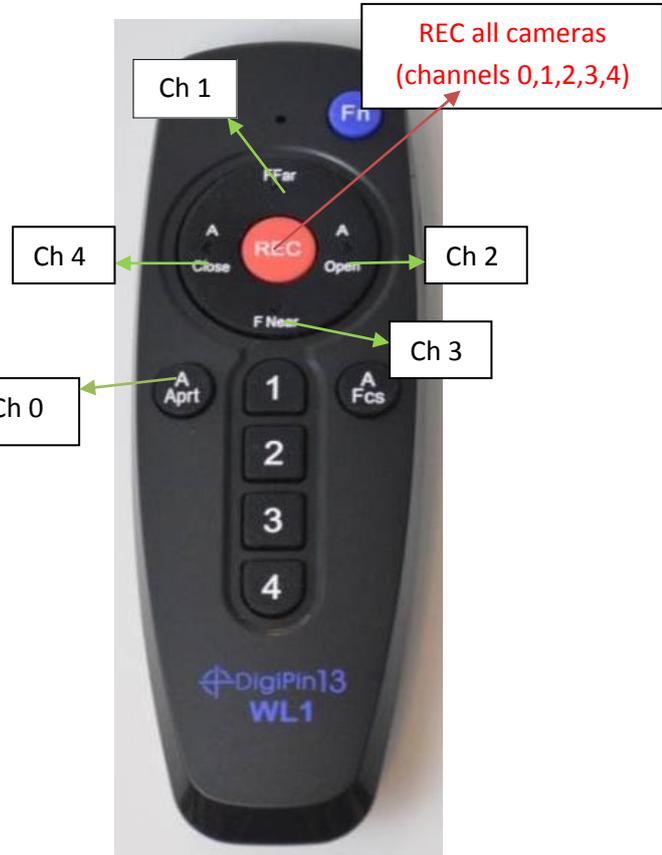
Functions h, i, j, k – currently in function only for the Blackmagic Studio Camera

Fn key pressed +

(REMOTE OF THE RECEIVER RX)

- A Aprt = reset of the receiver (RX to channel 0 –default channel /after switching on or resetting)
- F Far = switch RX to channel 1
- A Open = switch RX to channel 2
- F Near = switch RX to channel 3
- A Close = switch RX to channel 4
- REC = REC command to all receivers on all channels after which the controller TX go back to default channel 0 (go back to main camera)

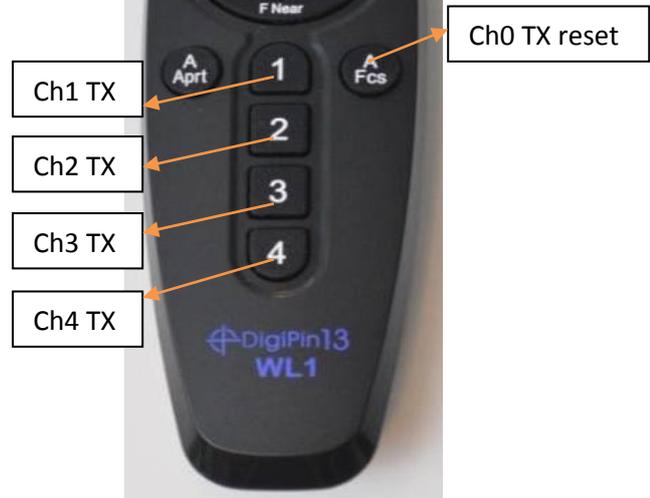
Receiver reset (RXreset) – Ch 0



Fn key pressed +

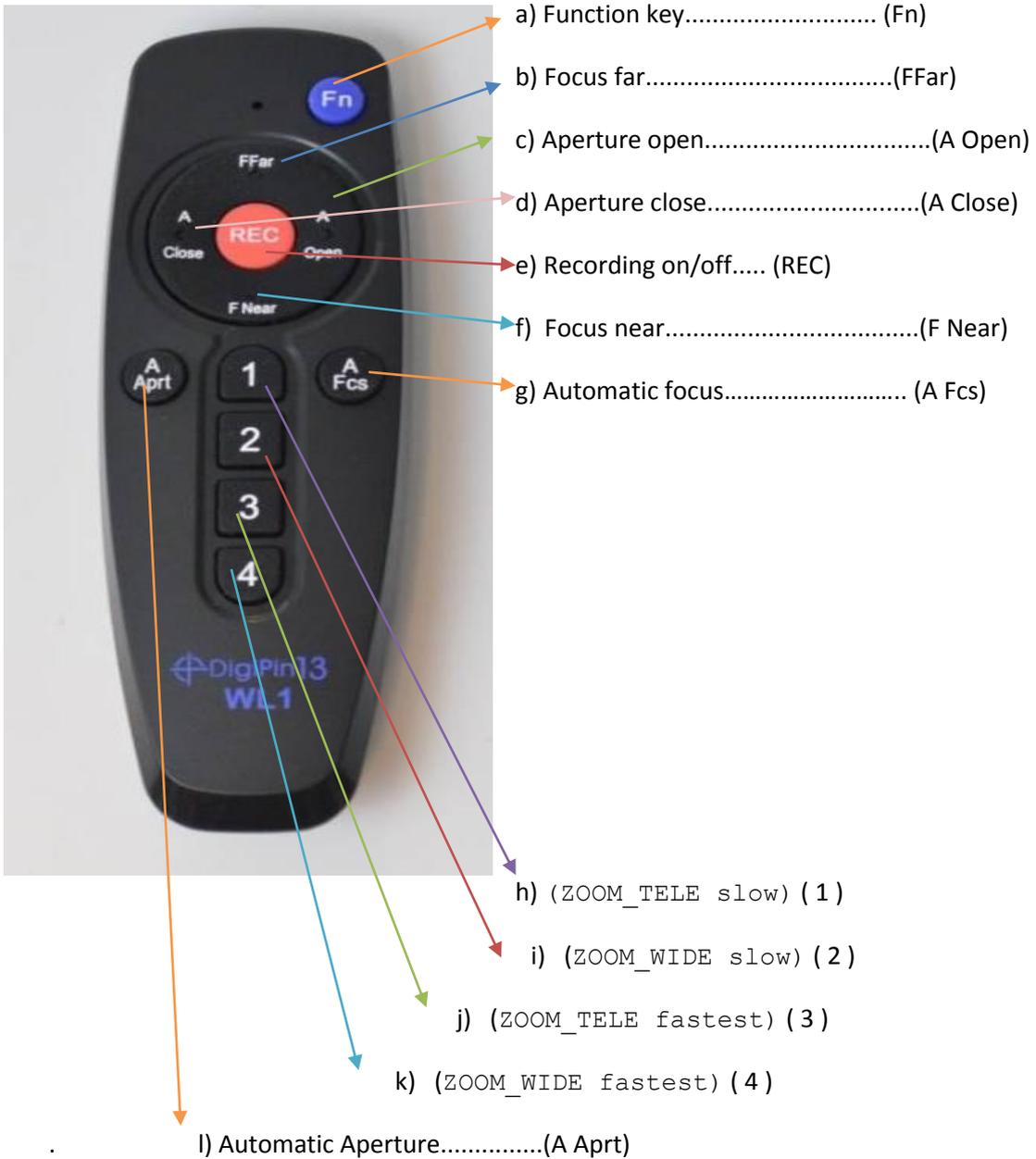
(CONTROLLING THE TRANSMITTER TX)

- A Fcs = TX reset and set to default channel 0
- Key 1 = TX to channel 1
- Key 2 = TX to channel 2
- Key 3 = TX to channel 3
- Key 4 = TX to channel 4



CONTROLLER KEY FUNCTIONS - LAYER 2 (Sony, JVC, Canon camera) :

Signal LED blue and red (blue light signalizes sending of the signal, and the red light turns on when the record is on, and turns off when the recording is off)

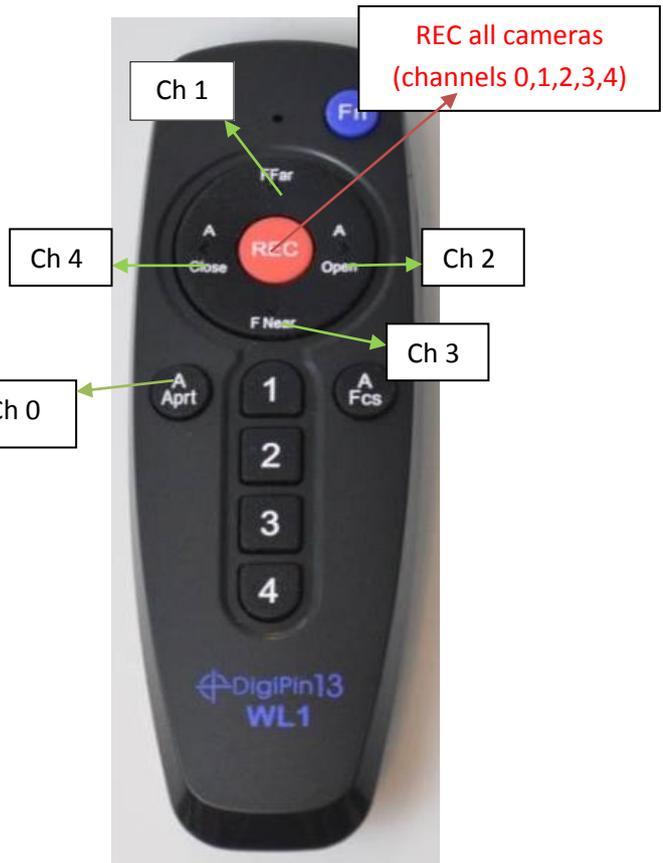


Fn key pressed +

(REMOTE OF THE RECEIVER RX)

- A Aprt = reset of the receiver (RX to channel 0 –default channel /after switching on or resetting)
- F Far = switch RX to channel 1
- A Open = switch RX to channel 2
- F Near = switch RX to channel 3
- A Close = switch RX to channel 4
- REC = REC command to all receivers on all channels after which the controller TX go back to default channel 0 (go back to main camera)

Receiver reset (RXreset) – Ch 0



Fn key pressed +

(CONTROLLING THE TRANSMITTER TX)

- A Fcs = TX reset and set to default channel 0
- Key 1 = TX to channel 1
- Key 2 = TX to channel 2
- Key 3 = TX to channel 3
- Key 4 = TX to channel 4

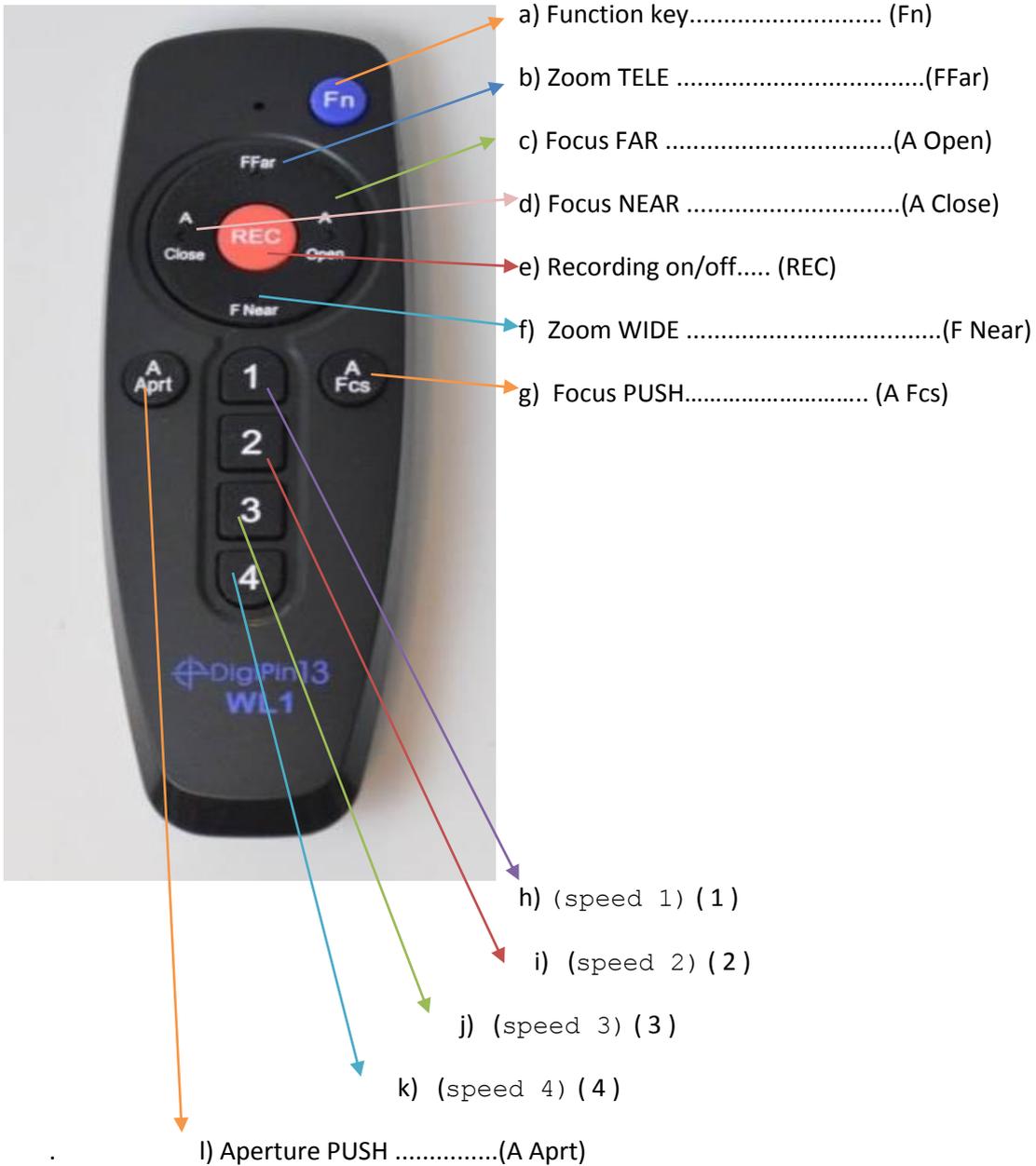
Ch0 TX reset

Ch1 TX
Ch2 TX
Ch3 TX
Ch4 TX



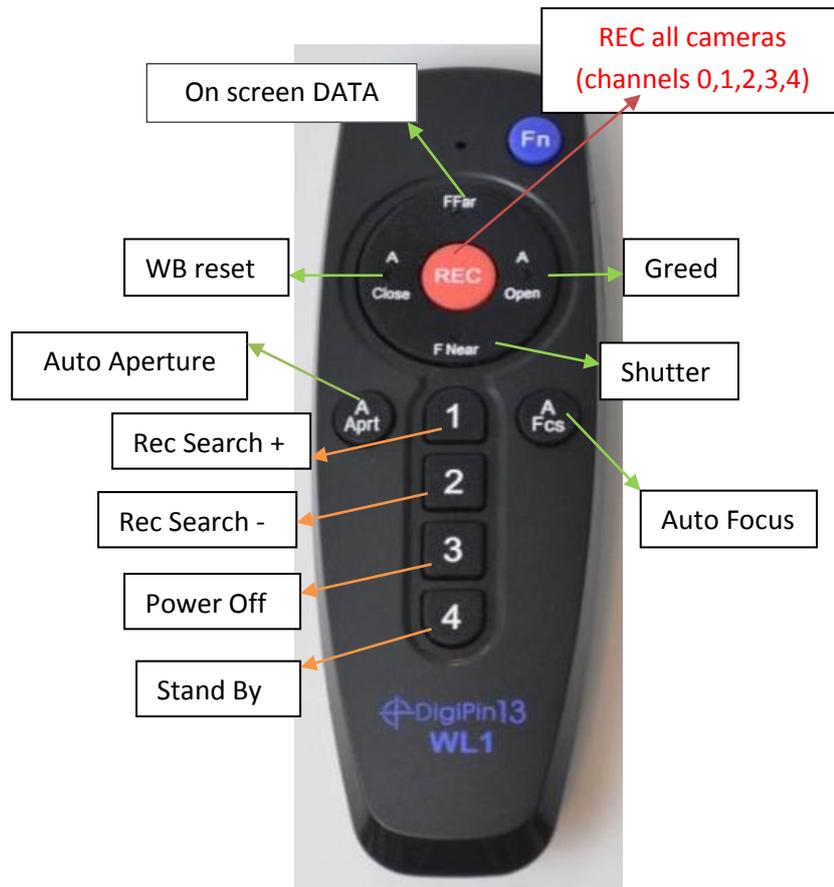
CONTROLLER KEY FUNCTIONS - **LAYER 3 Zoom mode** (Sony, JVC, Canon camera) :

Signal LED blue and red (blue light signalizes sending of the signal, and the red light turns on when the record is on, and turns off when the recording is off)



Fn key pressed +

- A Aprt = Auto Aperture
- F Far = On screen DATA
- A Open = Greed
- F Near = Shutter
- A Close = White Balance RESET
- A Fcs = Auto Focus
- REC = REC command
- A Fcs = Auto Focus
- Key 1 = Rec search +
- Key 2 = Rec search -
- Key 3 = Power Off
- Key 4 = Stand By



Maintenance:

Wireless transmitter (TX) uses very little electricity. It is best to take out the batteries after every usage.

Do not store in moist areas.

The controller can be upgraded programmatic, and the instructions and versions of the programmes will be available on the web page www.digipin13.hr

The package includes

1. Wireless controller WL1 transmitter (TX)
2. Receiver (RX-HOT SHOE) with cable with a male Jack 2,5mm connector at the end

This product is patented and protected. All rights reserved by the owner of the patent.

Designed , manufactured and patented:

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