

TRIGGER 230V AC

Device controller



1. Principle of operation:

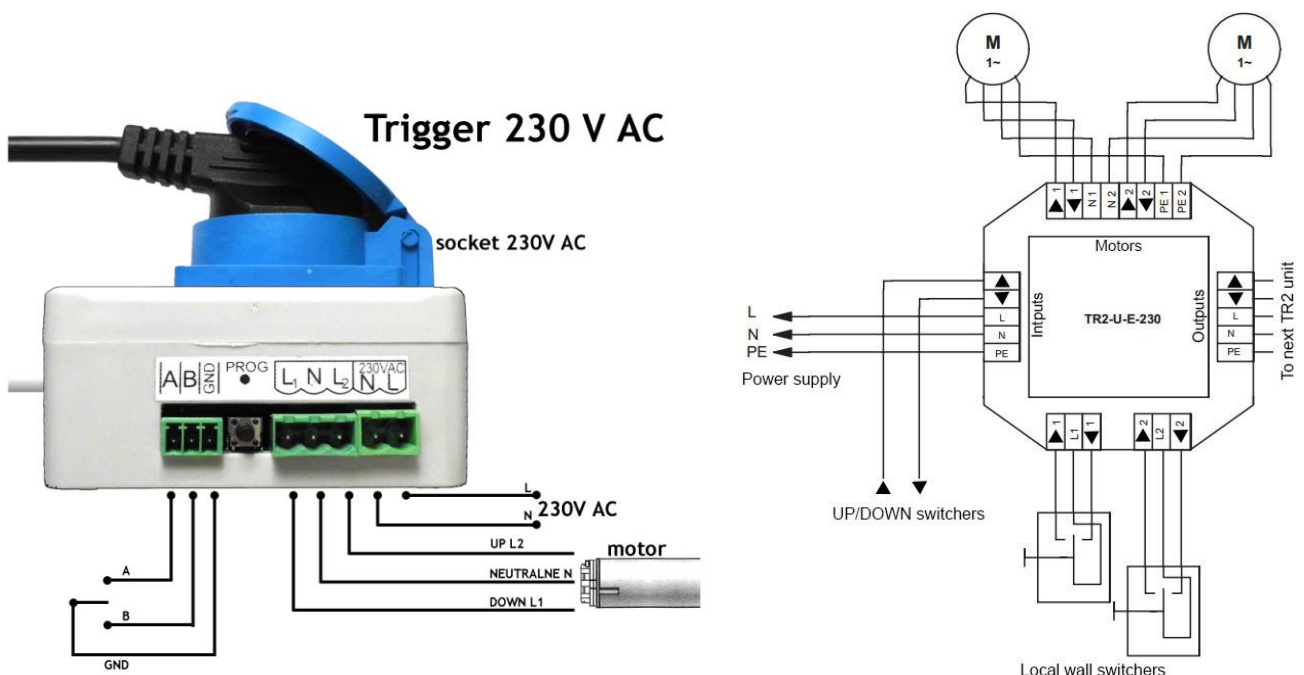
Trigger 230V AC controls peripheral AV and automation devices, powered by 230V supply i.e.: projection screen, projector lift, shades and other automation accessories etc.

In AV installation with trigger 230V AC, Turn „ON” projector affects automatic start of projector lift/roll down projection screen. After turn „OFF” projector, screen will be rolled up/projector lift will hide projector in ceiling.

Trigger 230V AC can wirelessly (RF receiver controlled by trigger) and wired control peripheral AV and automation devices. In wireless control (RF), up to 8 RF receivers can be controlled by Trigger 230V AC. In addition 1 unit can be wired controlled. Using TR - 2 transformer more devices can be wired controlled.

2. Programming:

Connect Trigger 230V to power supply to socket marked “L-N 230VAC” according to scheme below:



LED Diode will flash several times and turn off.

1) Programming “Working Mode” (power consumption level of device/flat TV/projector)

- Connect device power supply cable to Trigger’s 230V socket (blue socket). Turn it “ON” wait a while to reach stable power consumption.
- Press shortly PROG button. In next 5 seconds, Trigger measures and stores actual SETUP. Stored parameters, are confirmed with several flashes of LED Diode and turn off.

After unit is programmed, Trigger 230V can control projection screen or projector lift wired connected to socket L1-N-L2. In that case L1 - move in “DOWN” direction, L2 - move in “UP” direction.

Please check in your device directions “UP and “DOWN”. Different configuration of direction is possible.

IMPORTANT: One unit only (lift, screen, shade/etc) can be controlled. To control more than one unit use TR-2 transformer.

2) Trigger 230V + RF Receiver (RF) pairing

Ensure that Trigger 230V V AC is connected to power supply. Connect power supply to L-N 230VAC socket. LED Diode flashes several times and turn off.

- a) . In **RF Receiver (RF)** Press shortly PROG button, LED diode will flash several times, confirming start of „programming mode”. Then LED diode will light steady light waiting for pairing signal.
- b) Turn “ON” device connected to TRIGGER 230V AC wait a while and then turn “OFF”. Wall switch (optional) connected to A-B-GND socket, can be used. Switch for 1 sec. A- GND then B-GND. LED diode will light steady light then will flash several times (pairing signal sent confirmation) and turn light steady light.
- c) LED diode Dioda LED in **RF Receiver** LED diode will flash several times and will light steady light and turn off. Units are paired.

IMPORTANT:

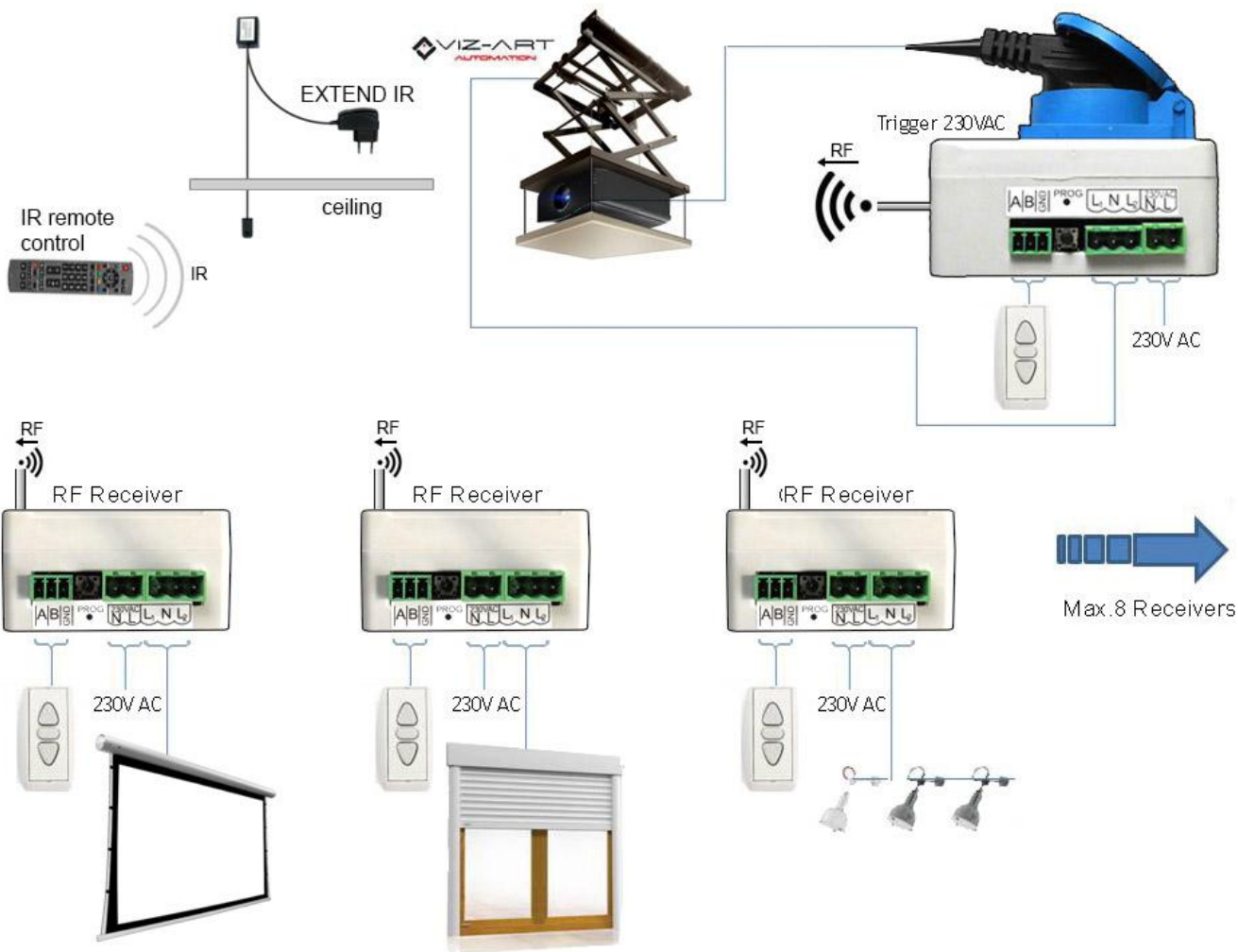
- a) When LED diode light steady light in **RF Receiver** after it was programmed, **Trigger 230V + RF Receiver are not paired**. Start pairing procedure once again (point.2).
- b) Run programming mode in 3 minutes after unit was connected to power supply 230V. If no disconnect and then connect power supply again before programming.

To pair next **RF Receiver** unit with TRIGGER 230V AC (max. 8 units can be controlled using TRIGGER 230V AC) - repeat steps from point 2.. - a), b), c).

3) Wall switch connection (potential free)

Connect Wall switch (optional) to A-B-GND socket. Wall switch connection: **A- GND** - move in “UP” direction lub **B- GND** move in “DOWN” direction.

Sample installation in Smart Home Cinema using TRIGGER 230V AC:



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