

TRIGGER 230V AC

Control Accessories

1. Principle of operation:

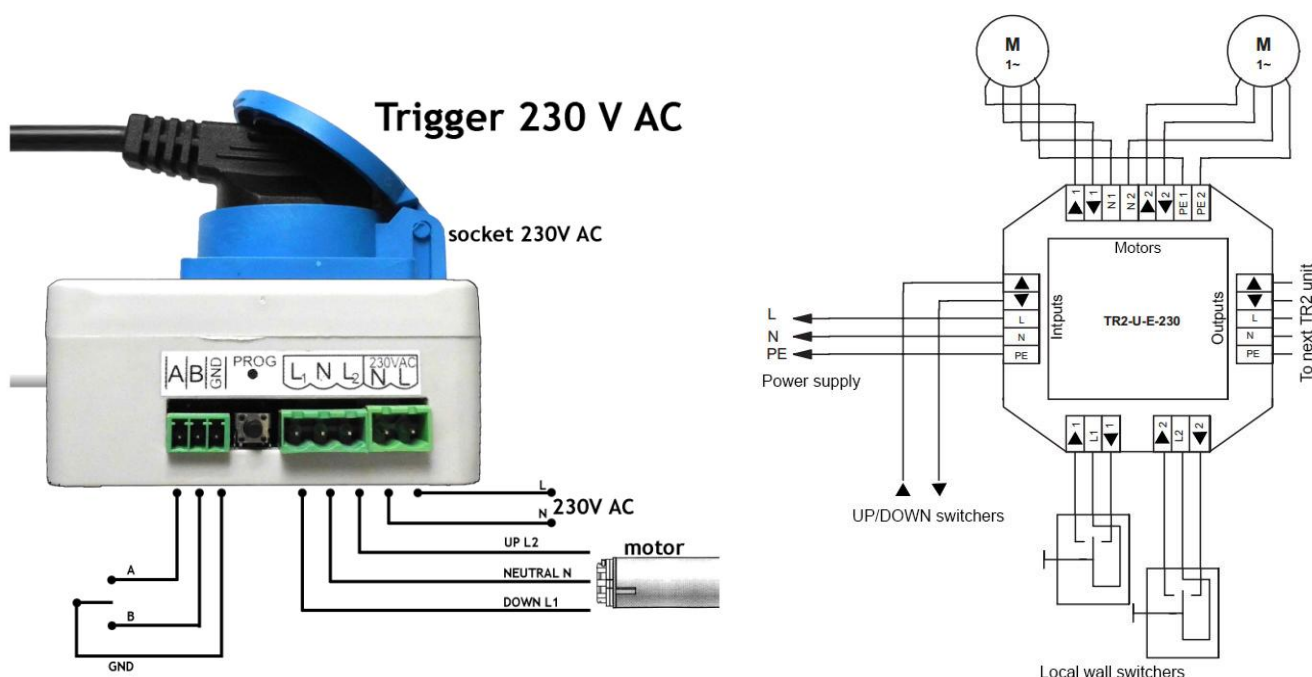
Trigger 230V AC controls peripheral AV and automation devices, powered by 230V supply i.e.: projection screen, projector lift, shades and other automation accessories etc.

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:

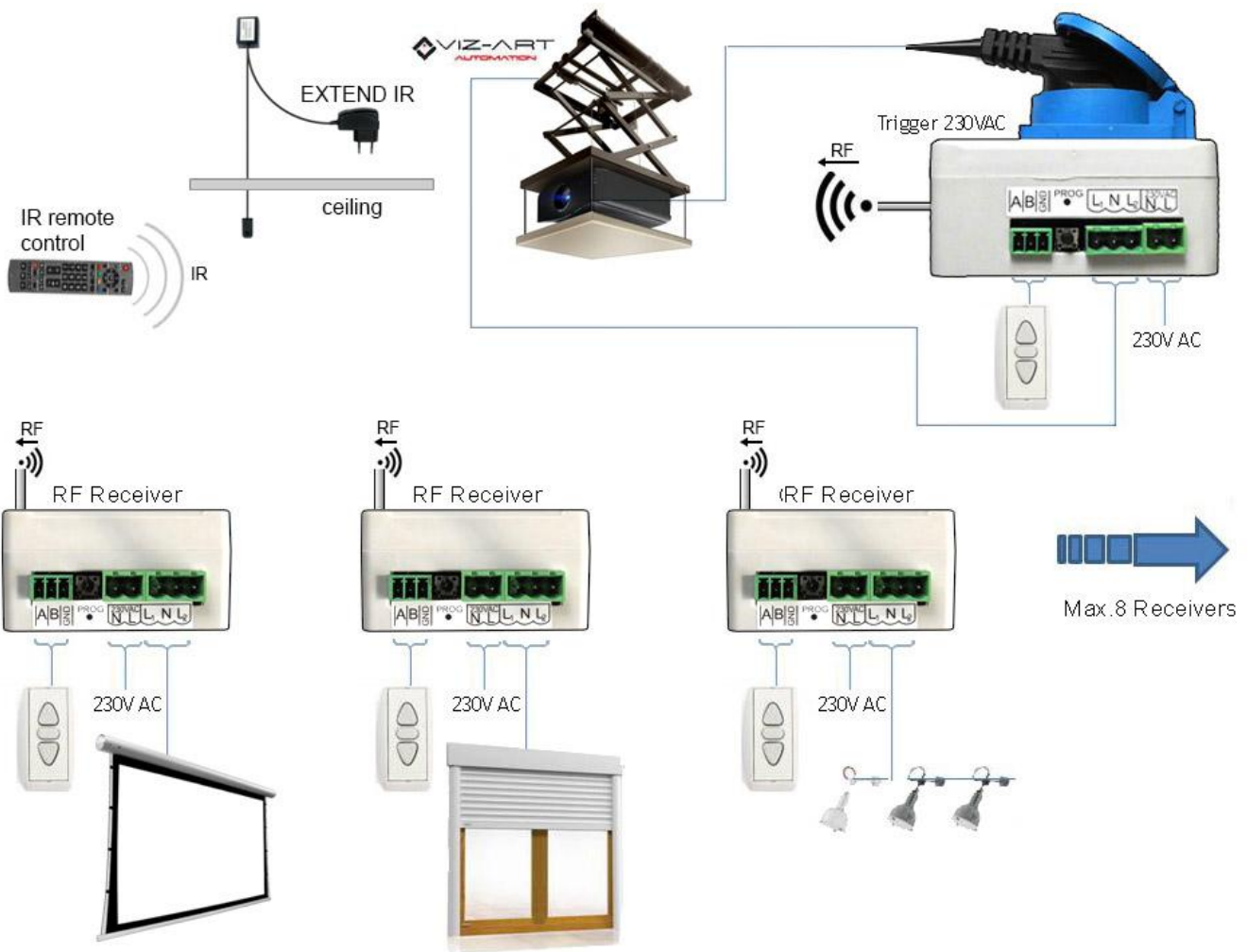
- a) When LED diode light steady light in **RF Receiver** after it was programmed, **Trigger 230V + RF Receiver** are not paired. Start pairing procedure once again (point.2).
- b) Run programming mode in 3 minutes after unit was connected to power supply 230V. If no disconnect and then connect power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



SAFETY INFORMATION CAUTION

To ensure safety of the personnel, make sure to follow the guidelines provided in this instruction manual. Keep the instruction manual for future reference.

- Do not allow children to play with the device controller (switch or remote control).
- Do not leave device controllers within the reach of children.
- Inspect the equipment assembly periodically to identify and repair any damages.
- If any damages are identified, do not use the equipment until the necessary repairs are made.
- Keep appropriate distance from the equipment during operation. In case of a failure, the equipment may constitute a risk of injury or wounds.
- Do not install any items other than those specified in the equipment instruction manual. All installation and mounting works should be done by an engineer with appropriate licenses.
- Inappropriate mounting may damage the product or cause injury.
- Use only elements compliant with the mounting instructions.
- It is prohibited to perform any steps that may damage the power supply cord or plug.
- Do not modify the power cord, i.e. do not make any structural modifications, do not place the cord in immediate vicinity of hot objects, do not bend or twist the cord, do not pull the cord, do not place any heavy objects on the cord, and do not coil the power cord.
- Using the equipment with a damaged power cord may cause electrocution or shorting of the circuits and fire.
- Do not touch the power cord or plug with wet hands.
- Always follow the guidelines provided in this instruction manual and in the equipment mounting instructions.
- Before installing the equipment, make sure it is complete, free of defects, compliant with your order, and has not sustained damage in transport.

INSTALLATION GUIDELINES

- The equipment should be installed by a qualified engineer, in accordance with the guidelines provided in the mounting instructions. Electrical connections should be made by a specialist with an appropriate license.
- Install the equipment using screws and mounting elements appropriate for the conditions of the installation, to which the lift is mounted, and stable, original auxiliary elements, dedicated for the specific lift model.
- After mounting the equipment, before first use, check if it is mounted as per the instructions, and level. If the equipment is not level, adjust the mounting. Do not use equipment that is not properly installed.
- Do not modify or unscrew elements of the equipment, as this may cause a risk of permanent damage to the equipment and/or the safety of the users.

WARRANTY CONDITIONS

The warranty period for the device is 24 months from the date of purchase indicated on the original receipt.

- 1) The warranty period for the device's electric drive is 60 months.
- 2) The warrantor commits to fix free of charge damage suffered by a device delivered to the service point that demonstrates defects resulting from defects in workmanship or materials, which become noticeable during the warranty period.
- 3) The warranty does not cover:
 - a) damage caused by use of the device in a manner other than that described in the user manual,
 - b) damage caused by improper storage or transport,
 - c) mechanical damage,
 - d) abrupt changes in electrical grid voltage,
 - e) disassembly and reassembly,
- 4) Defects will be removed within 14 days from the date the device is accepted on warranty at a service point.
- 5) Service point address



Manufactured after 13.08.2005.

Do not dispose of used electrical and electronic equipment together with municipal waste, due to the presence of substances hazardous to the environment in the equipment. Such devices should be delivered to a collection point for recycling. Information on collection points is available from local government authorities or in stores.



DECLARATION OF CONFORMITY

VIZ-ART AUTOMATION



I hereby declare, with sole responsibility, that the products:
TRIGGER 5-30V DC ; TRIGGER 230V AC (RF); remote control VIZMOTE1;
remote control VIZMOTE2; Radio Receiver RF; SMARTBOX, EXTEND IR;

they comply with the following main requirements:

1999/5/EC Radiocommunication Equipment Directive (R&TTE),
2004/108/EC Electromagnetic Compliance Directive (EMC),
2006/95/EC Low Voltage Equipment Directive (LVD),

and in particular with the following harmonized standards:

EN 60950-1:2006, safety of use,
EN 61000-6-1:2007 EMC, general requirements,
EN 61000-6-3:2007 EMC, general requirements,
EN 301 489-1 V1.8.1 (2008-04) EMC, radio equipment,
EN 301 489-3 V1.4.1 (2002-08) EMC, short range devices,
EN 300 220-1 V2.3.1 (2010-02), EMC, radio requirements (ERM)

and are marked with CE

