

HOW TO CONNECT A 12V-TRIGGER BOX

A 12V trigger box automatically operates your electric projection screen when you power up (or power down) your projector or AV-receiver.

The four basic components for this to work are:

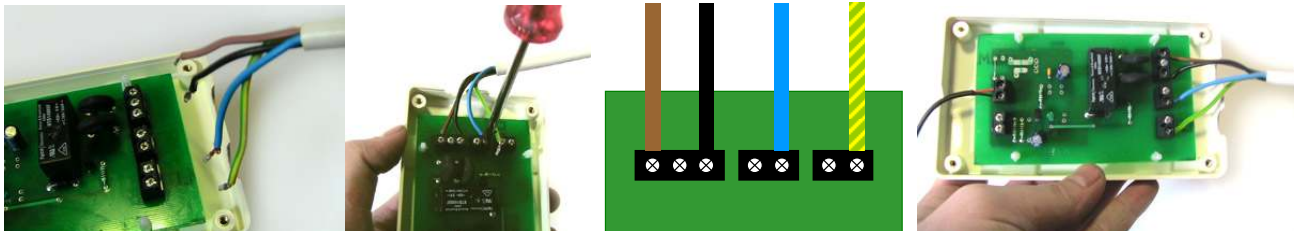
- the 12V trigger box
- a projector or AV-receiver with a 12V-output
- an electric projection screen (e.g. Beamax M-series, M-compact, ...)
- cables (see step 4 and 6)

1. Make sure that everything is **unplugged** to avoid electric shocks.
2. **Unscrew and open the 12V trigger box.** You will now see the circuit board with the terminals to connect the wires to.



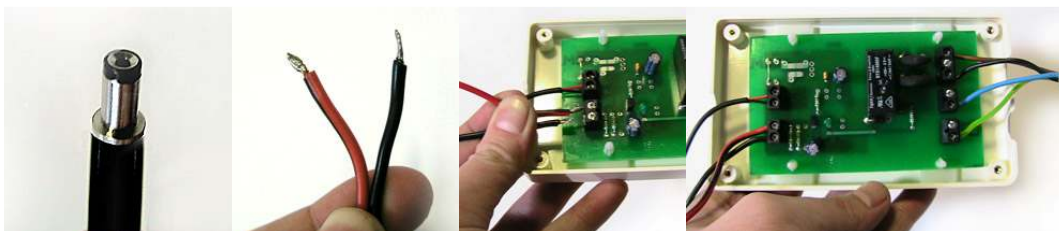
3. First, connect the wires from the **screen's power cable**. These are **brown, black, blue** and **green/yellow**. Connect these as indicated on the **included wiring diagram**.

NOTE: The M-compact has an integrated switch and power plug attached to its power cable. The switch can't be used in combination with the 12V trigger and needs to be removed. The remaining part of the cable can be used in step 6.



4. To connect the 12V trigger box to your 12V device (projector or AV-receiver), you will need a **custom cable with the right type of connector plug on one end and exposed wire on the other**. **This cable is not included but can be easily obtained from your local hardware or electronics store.** As the cable only needs to send a 12V pulse, a simple **2-wired** cable (e.g. bell wire or speaker cable) should suffice.

The type of connector plug depends on the 12V socket of your projector (or other device with 12V out).

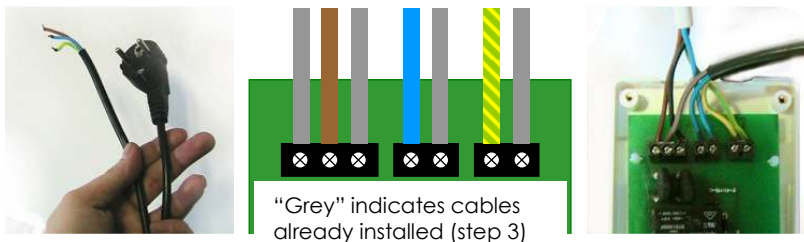


- Next, wire the 12V trigger box to your projector (or other device with 12V out) with the cable from step 4.



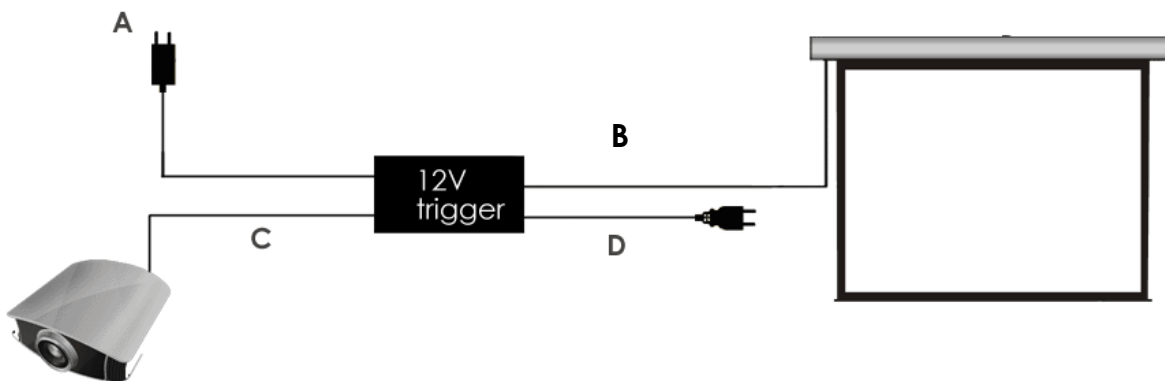
(This is an example of a 12V output on the rear panel of a projector. Different manufacturers might use different output sockets.)

- The last connection is between the 12V trigger box and a grounded power cable with wall plug. (This cable is also available at your local hardware or electronics store.)
A grounded power cable should have 3 wires: **brown, blue** and **green/yellow**. Cut open the cable and connect the individual wires to the terminals on the 12V trigger as indicated on the **included wiring diagram**.



You now have a 12V trigger box with all the wires connected to work properly. This means:

- the pre-installed power cable
- 4-wired cable coming from the power cable of your projection screen
- 2-wired cable for the 12V signal from the projector
- 3-wired power cable

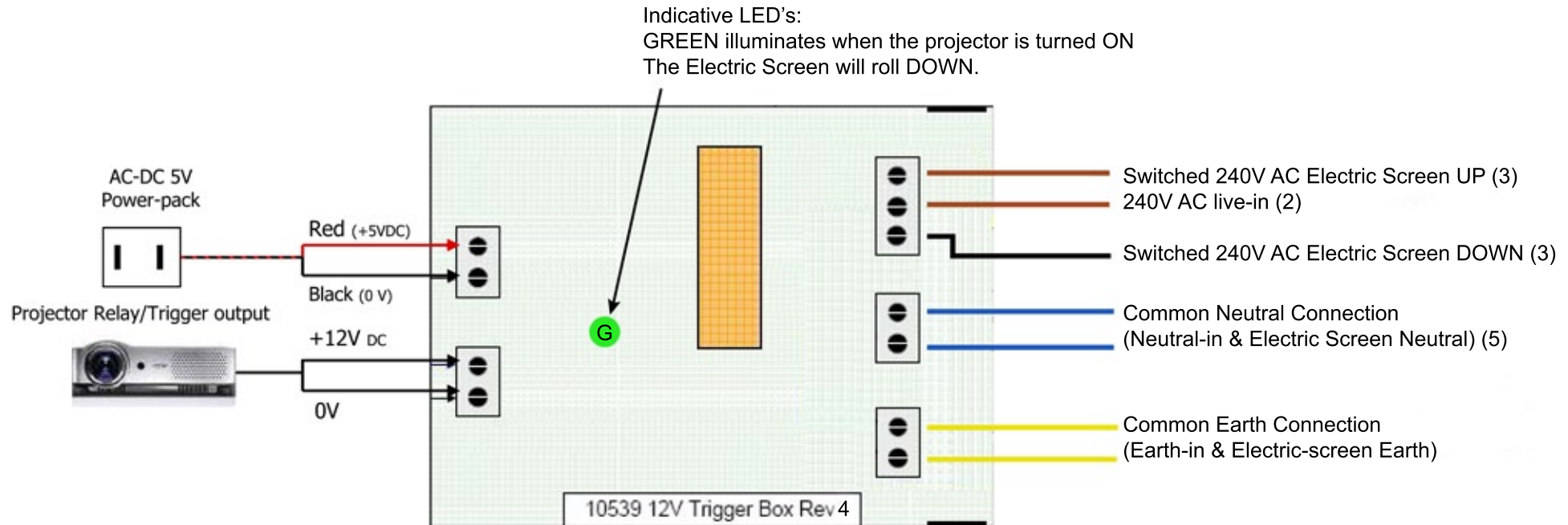


The 12V trigger is **ready to be tested/used**. Plug in all the devices and power up your projector. **The screen should roll down when you turn on your projector and roll back up when you turn it off.** If it does the opposite, then please swap positions of the brown and black wire from step 3.

- TIP:** Don't put the lid of the 12V trigger back on until you have tested it.
TIP: You can mount the trigger with velcro or double-sided tape.

10539 12V Trigger Box Electric-Screen Controller

- Rugged Case: size—143mmx80mmx30mm
: colour— white



Opmerkingen:

1. Trigger level can be from 4V DC (min) to 16V DC (max). 12V DC is the output voltage level for most Projectors.
2. The Electric-Screen Controller can also operate 120VAC Electric-Screen if 120VAC is used instead of 240VAC.
3. The rated Electric-Screen switching current is 3A/250VAC
4. The AC-DC 5V power-pack is supplied.
5. Place Supply-in and Electric-Screen cables as illustrated.