

Installation Guide (MPC-Bundle)

V: 1.0

MPC

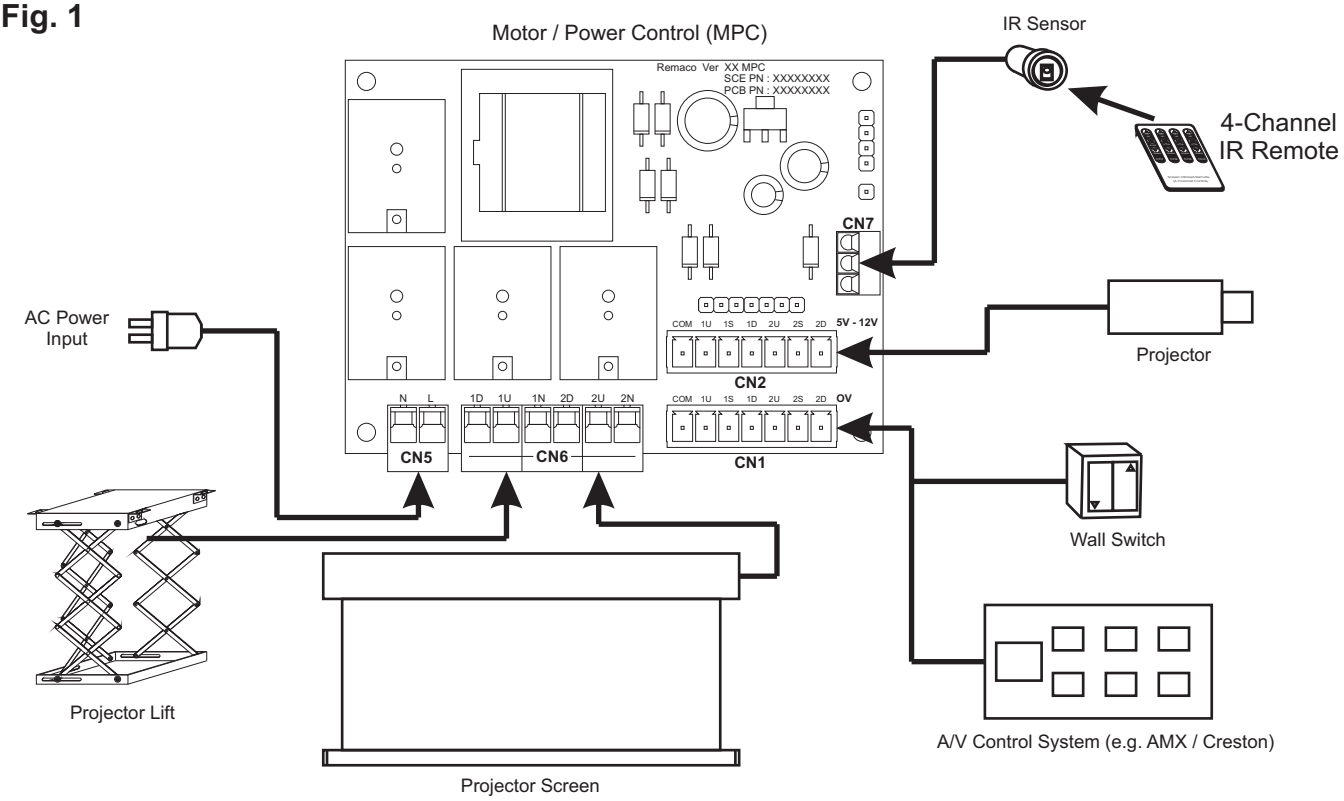
Important Notes:
All products are thoroughly inspected and fully tested operational in factory.
We accept no liability whatsoever for any losses due to improper operation, or any unauthorized alternation.
All trademarks contained in this installation guide are the property of their respective owners.

Application

Motor / Power Control, MPC, is an electronic controller that can be used to control a motorized screen, projector lift, curtains or any other electrical motor powered equipments capable of bi-directional movements. The MPC can also be configured as a power trigger device to switch on/off the power supply of any A/V equipments, (e.g. Projectors, Amplifiers, DVD Players) Lights or Down lights, etc

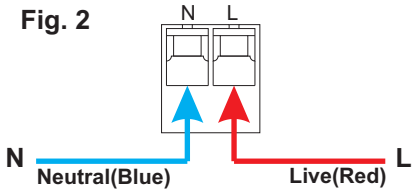
It can also be used with LCD/DLP Projectors, as an interface to trigger screen Up/Down movements through a 12V DC output from a projector.

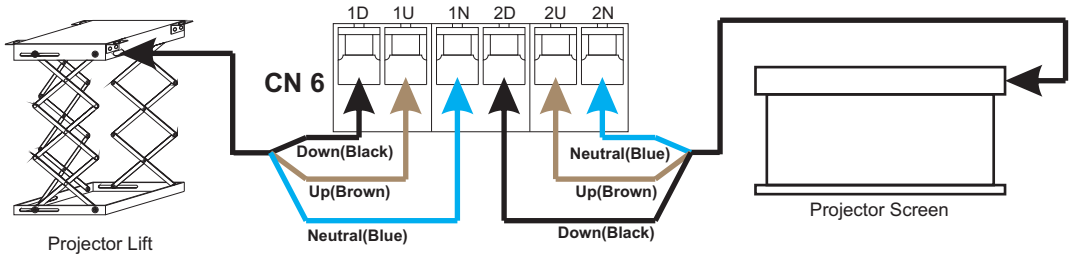
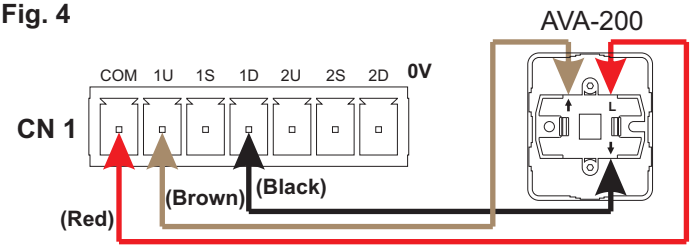
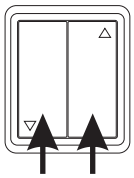
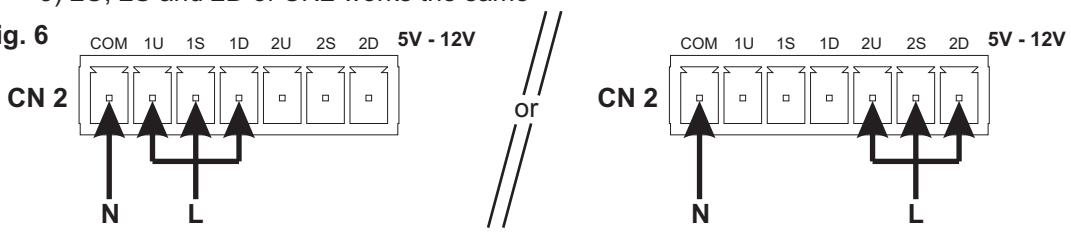
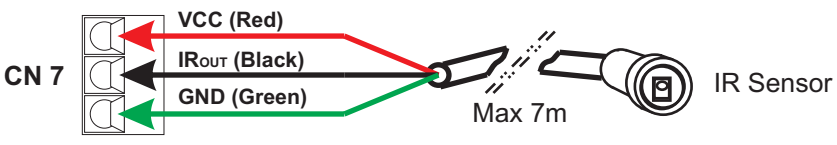
Fig. 1



Setting up

Identify the different connectors by their colours and labels. It is important to know the connectors and their functions, as a wrong connection may cause damage to the device. Please see Fig. 2 for connector listing.

Connector	Application
CN5 Power	For connection to a 230V/110V power source **Fig. 2** 

Connector	Application
CN6 Controlled Equipments	For connection to up to 2 electrical motor powered equipments capable of bi-directional movements **Fig. 3** 
CN1 0V Contact Closure	For control by an A/V control system (e.g. AMX or Creston) or a Spring Loaded Wall Switch (Remaco AVA-200) - The Stop functions can be activated in 2 ways. 1) By control through the contact closure 'Stop' port 2) By triggering the respective Up and Down functions at the same time, and holding it for 0.6 seconds or more. * For this 0V Contact Closure, any DC voltage exceeding 3V might damage the MPC * Works on momentary contact closure only. (Dry contact, normally open) **Fig. 4**  **Note:** **Fig. 5**  * To stop, press Up & Down at the same time and hold it down for at least 0.6s
CN2 5V-12V Contact Closure	For use by projector to trigger motorized screen up/down, connect 2-core projector 12V cable to CN2 1) On CN2, short 1U, 1S and 1D 2) Connect the 'L' to 1U and 'N' to COM respectively 3) 2U, 2S and 2D of CN2 works the same **Fig. 6** 
CN7 IR Sensor	For connection to an IR Sensor - To be used in conjunction with a remote controller for controlling of equipments * Maximum cable length between IR Sensor and MPC is up to 7m. **Fig. 7** 

End