

Installation Guide (MPC-850)

MPC

Important Notes:

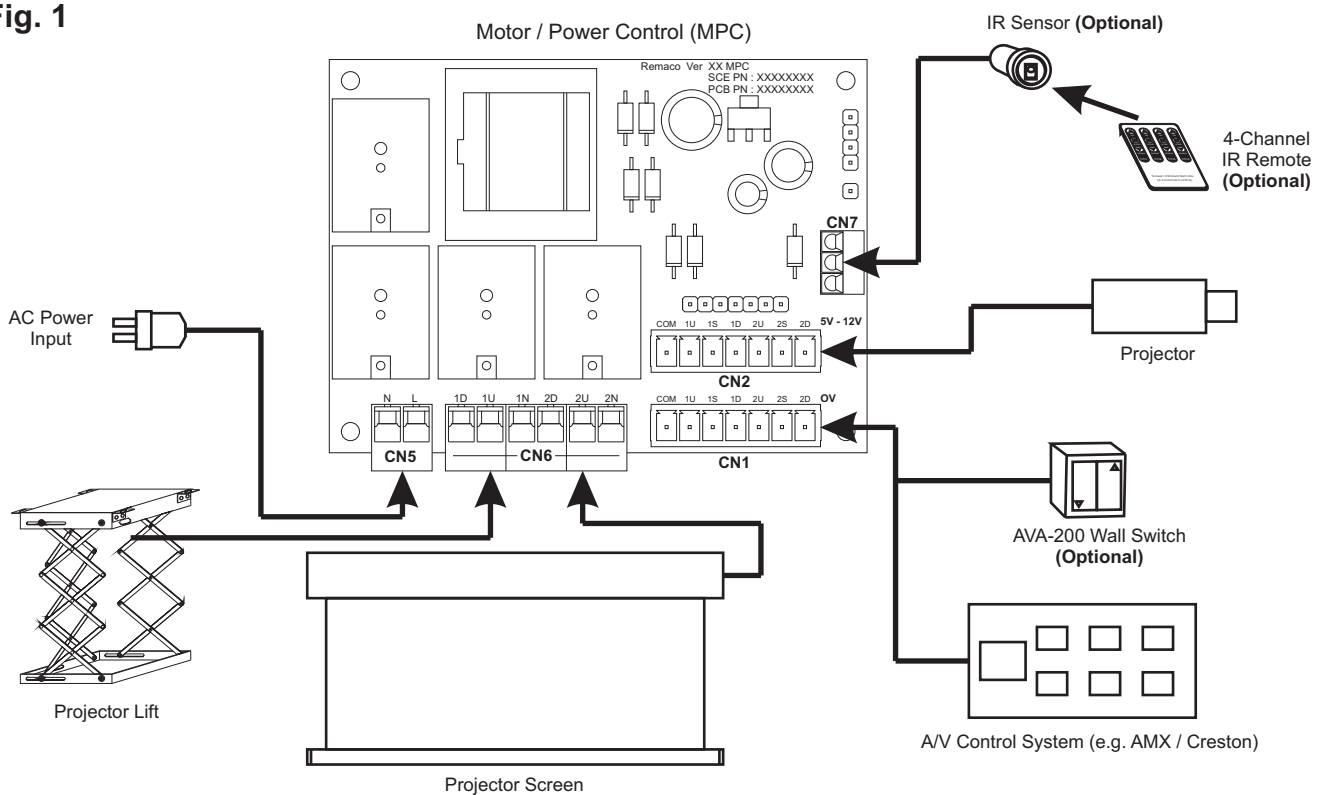
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Application

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

Connector	Application
CN6 Controlled Equipments	For connection to up to 2 electrical motor powered equipments capable of bi-directional movements Fig. 3

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 '+12V' to 1U and 'Ground' to COM respectively 3) 2U, 2S and 2D of CN2 works the same Fig. 6
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Other Features (Featured items, AVA-200 & Sensor only available in Bundle Pack)

Connector	Application
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 <div style="float: right; border: 1px solid black; padding: 5px; width: 150px;"> Note: * To stop, press Up & Down at the same time and hold it down for at least 0.6s </div>

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
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