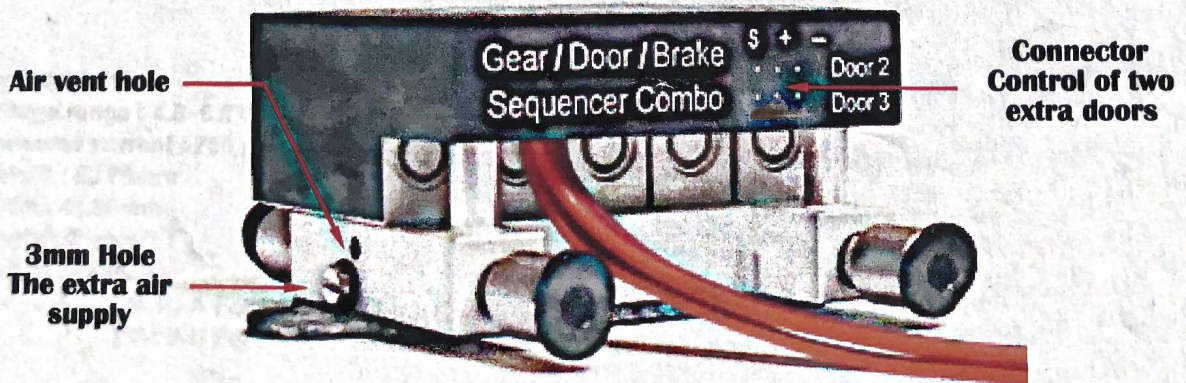
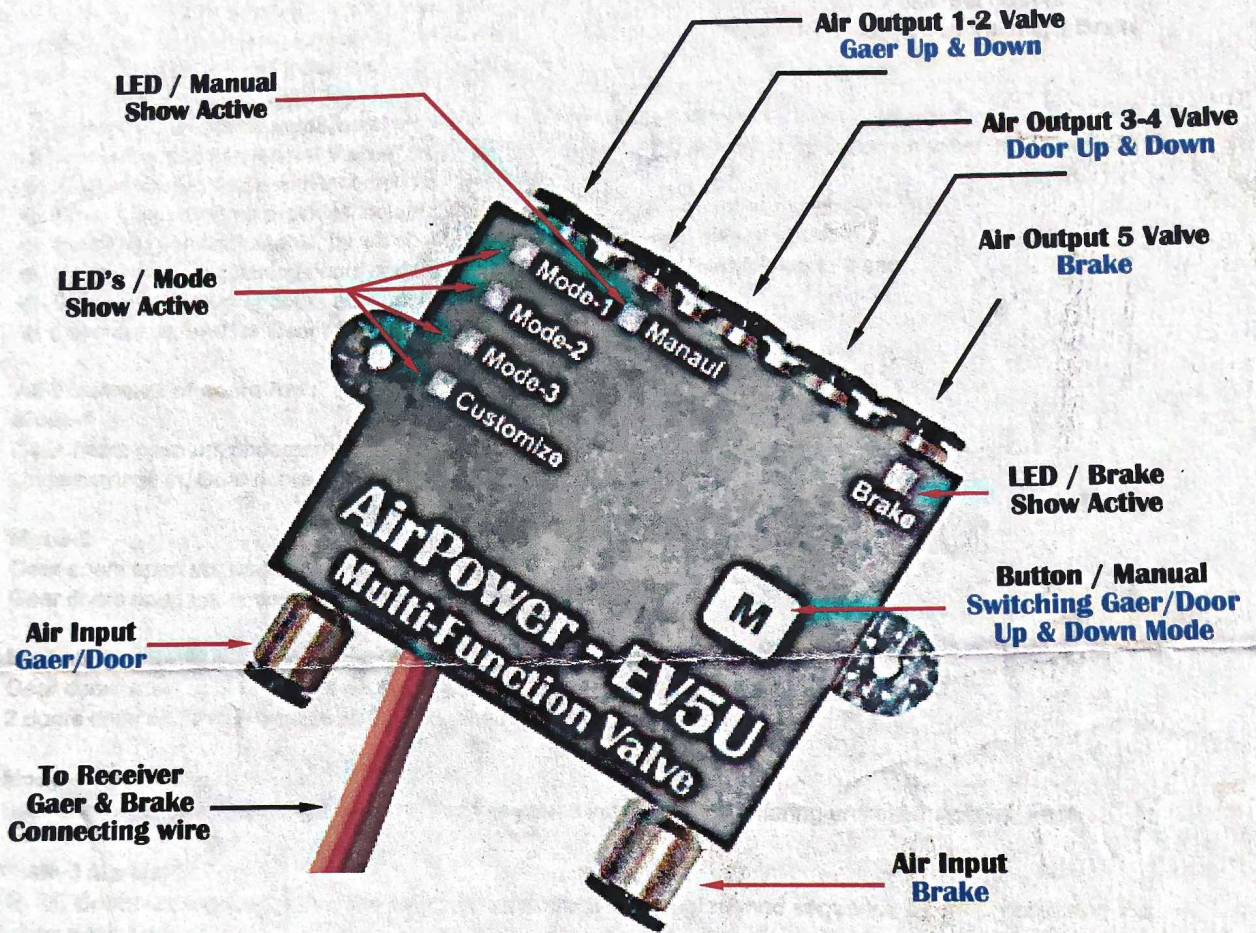




EV-5U Specifications Manual

Five Action Multi-function Valve Gear, Door, Brake, Sequencer Combo

New Design !!





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Five Action Multi-function Valve Gear, Door, Brake, Sequencer Combo

This AirPower new 5 port electronic valve covers all your needs in once brilliant device. The Airpower EV5U multiport valve offers operation of your Gear, Doors and Brakes offering a fully programmable sequencer built in as well. With sizing similar to a standard receiver, the EV5U offers a host of convenience in a simple, cost effective package. This one valve replaces 2 Dual Action Valves, 1 Brake Valve, 1 Sequencer and 3 Servos!

This new " Five Action Multi-function Valve " has following qualities :

- ◆ Innovative and convenient Manual mode allowing sequencing activation by button on valve, no TX necessary.
- ◆ Easily programmable with included function card.
- ◆ Mode indicator lamp provides instant confirmation of current operation mode.
- ◆ Switching point adjustable, by which multiple uses on one channel are possible.
- ◆ Delay time from opening doors and delivering undercarriage adjustable up to 3 sec.
- ◆ Delay time of closing doors adjustable 0.5 up to 20 sec. (0.5~20)
- ◆ Separate air feed for Gear / Doors and Brakes.

All Six modes of operation :

Mode-1

Gear doors open up, undercarriage out, Gear doors stay open.
Undercarriage in, Gear doors close.

Mode-2

Gear doors open up, undercarriage out, doors close.
Gear doors open up, undercarriage in, doors close.

Mode-3

Gear doors open up, undercarriage out, 2 doors close, 1 door stays open.
2 doors open up, undercarriage in, 3 doors close.(requires additional valve)

Mode-4 Customize

User can program sequencing of each of the five valves independently offering unlimited options.

Mode-5 Manual

No RC Controller required, valve can be operated through the programmed sequence by simply pressing the button on valve face.

Note : When you use this mode, EV-5U will no longer accept the order of the remote controller, until you restart EV-5U power again.

Mode-6 Brake (On - Off or Anti-Lock Braking Option)

You can program the brake valve to use either On - Off mode or Anti-Lock braking.

Technical data :

Voltage range : 4.8~6.0 V

Consume current : 750 mA - Max.

Length : 52.70mm

Width : 41.90mm

Height : 31mm

Weight : 125g.

Connector : EV-5U-A For Barbed Tubing Connector
EV-5U-B For Pisco Fast Connect



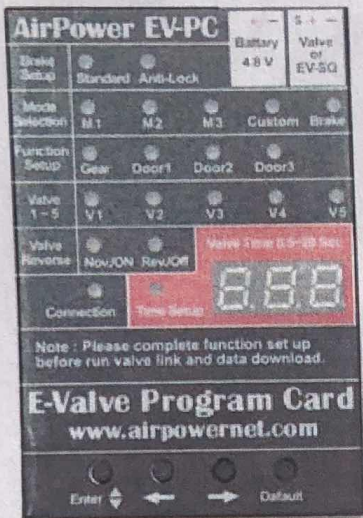
A-Tubing Connect



B-Pisco Fast Connect

E-VALVE PROGRAM CARD

This card has clear indicator lamps and function form, the easy function which you need of setting-up.

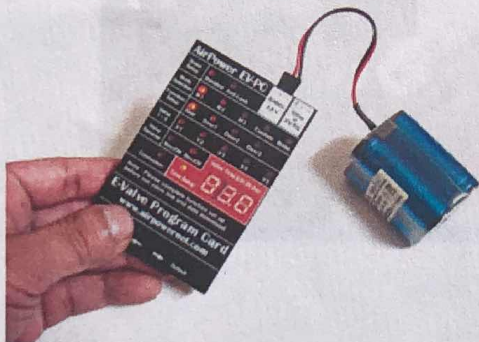


- ◆ Postpone the time indicator lamp (Adjustable 0.5 up to 20 sec).
- ◆ The array establishes the way, jump automatically according to the indicator lamp , easy to understand.
- ◆ Varying some ways of establishing, 100% is suitable for EV-1U, EV-2U, EV-5U.
- ◆ Single button - dispatch from the factory the preserving value and reply

Note : Please complete function set up before run valve link and data download.

This card is supported all AirPower E-Valve series products.
 EV-1U Single Action Proportional Brake Valve
 EV-2U Dual Action Retract or Gear Door Valve
 EV-5U Five Action Multi-function Valve
 EV-SQ Multi-function Gear Door Sequencer

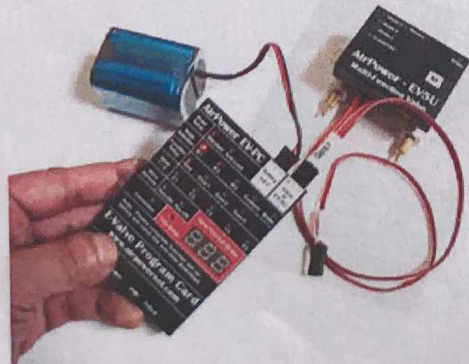
SETUP & OPERATION



Step 1

Before link EV-5U , please enter the detail function to establish after choosing the way that you need first , after you finish all cards to establish , please don't close the power.

- * Before we propose you and carry on the way and establish , finish the brake way to choose first , and then carry on other ways to establish.
- * We propose using 4.8V voltage.
- * The voltage of above 6.0V, we do not guarantee to work



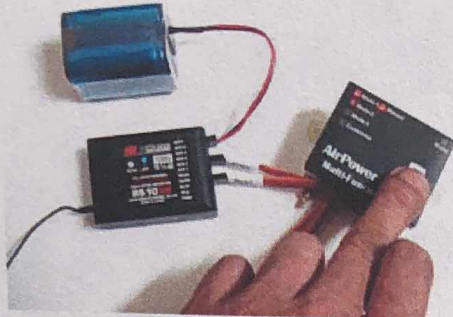
Step 2

Please use EV-5U to label The wire of " Gear " and EV-PC card are link . Will see card " Connecting " blue LED shiny in the course of downloading of the materials, and LED's five times of EV-5U glimmers , this shows that finishes EV-5U function to establish .

- * As you link cards to carry on materials download, please don't touch any button of the card.

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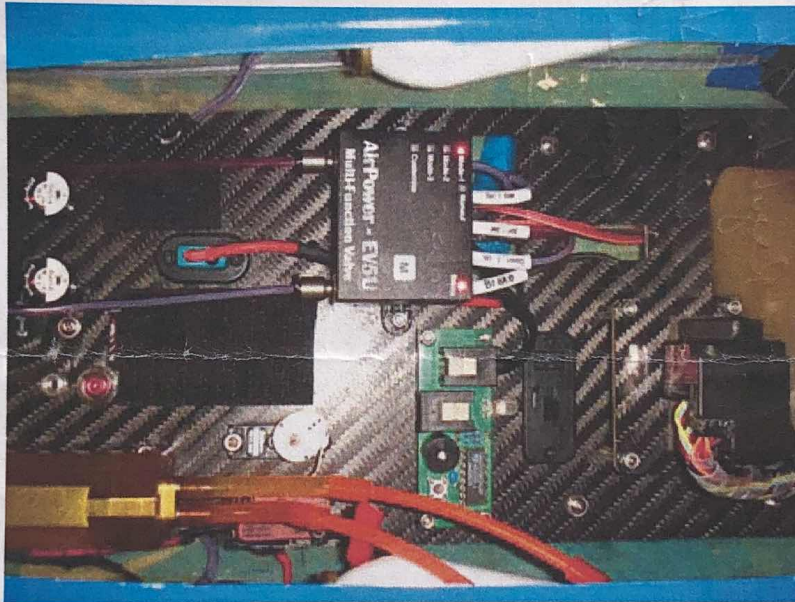
Five Action Multi-function Valve Gear, Door, Brake, Sequencer Combo



Step 3

You can examine your function settlement through the function of Manual.

* When you use this mode, EV-5U will no longer accept the order of the remote controller, until you restart EV-5U power again.



EV-PC establishes the card and is included