

Installation Guide / Manual (AVA-ESC-ip) Version 6

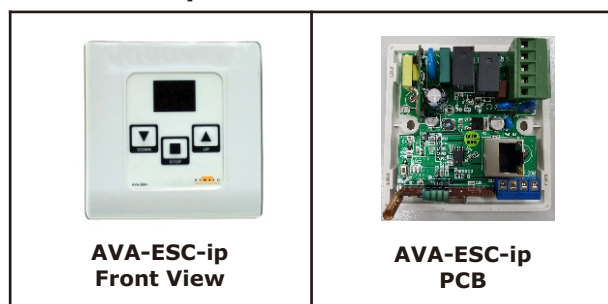
ESC



All controls support 230V/50Hz

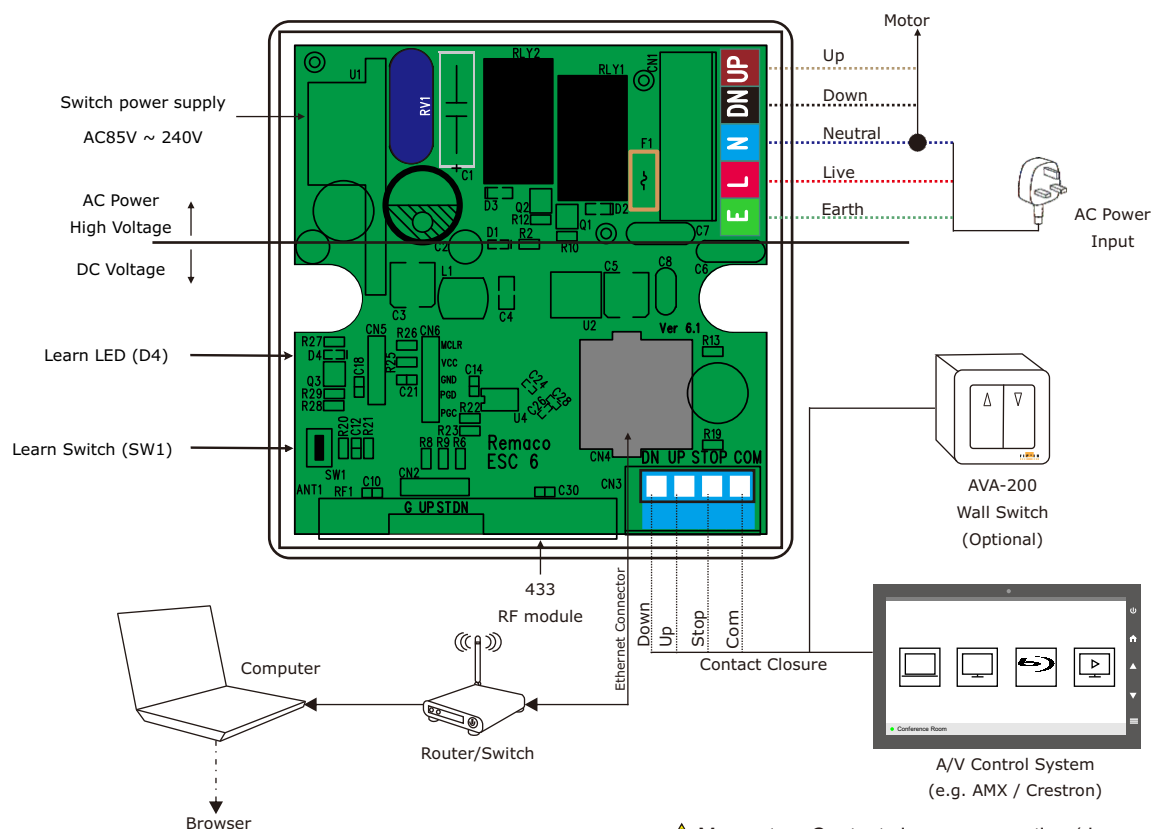
*** Important Remarks:** Remaco ESC-ip, Electronic Screen Control with network capability is our latest upgraded ESC Version 6.

AVA-ESC-ip Electronic Screen Control

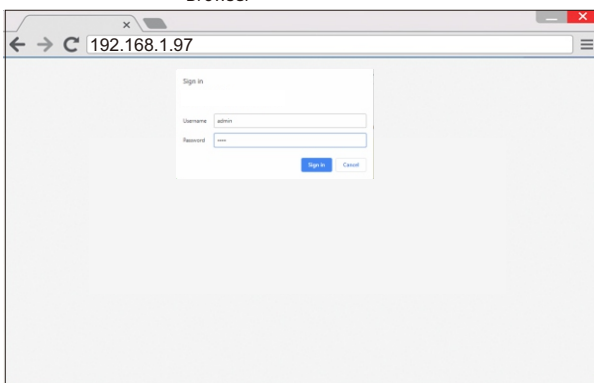


Specifications

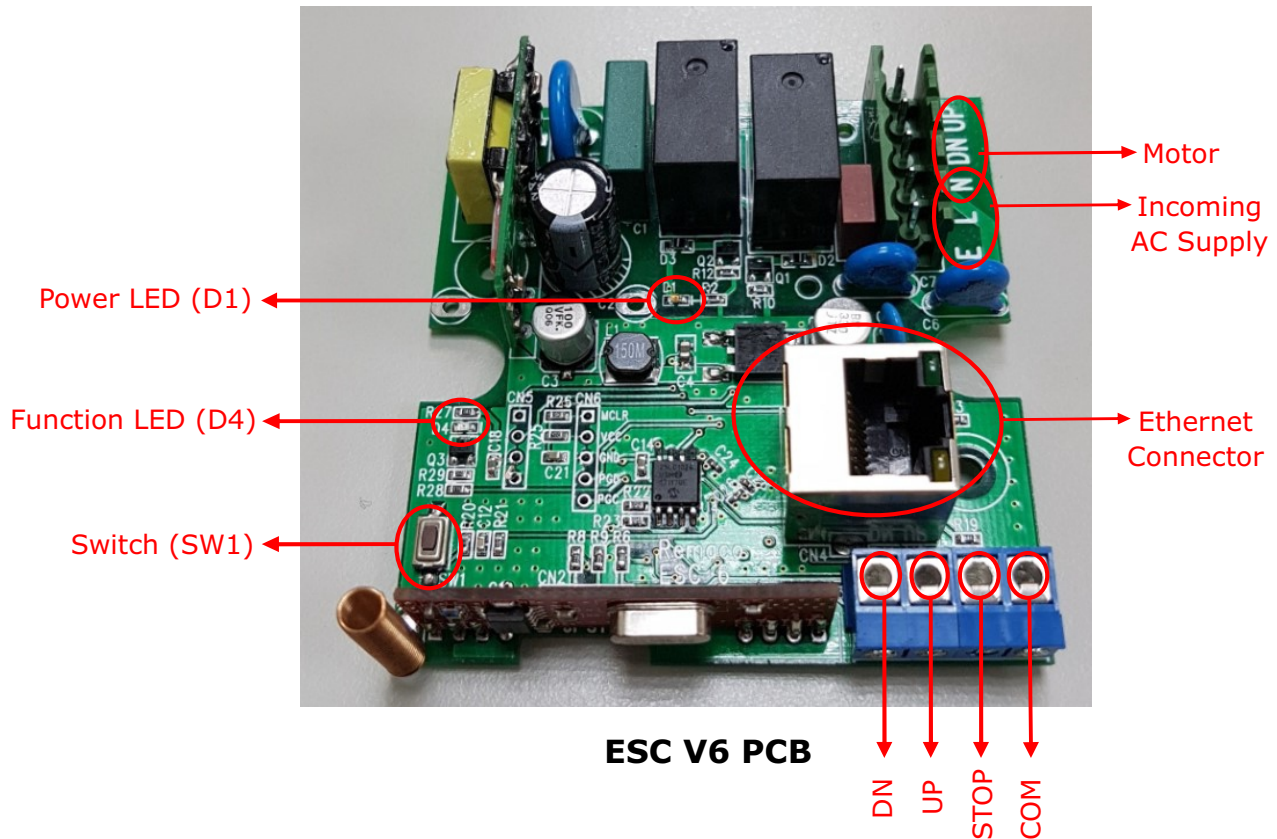
Voltage AC (Volts)	230Vac 50Hz/60Hz
Power	1150 Watts
Frequency	RF : 433MHz
Sensitivity Range	RF : 40 metres
Temperature (Celsius)	-20°C to -70°C



⚠ Momentary Contact closure connection (dry contact, normally open, voltage free).
 Recommended to set close contact for 1.5sec for best working condition.
 Any voltage above 3Vdc voltage will damage this ESC
 Suitable to use with control systems (example: AMX, Crestron, Extron, ..etc)
 **Warranty void if damaged is caused by inappropriate use



⚠ The initial IP Address is 192.168.1.97



Control Options

OPTION-1

Control by AVA-315 1-Channel Radio Frequency Remote



AVA-315
Radio Frequency Remote

Pairing Radio-Frequency(RF) Remote Control:

Learning Mode

Step1. Press and Hold switch SW1 until LED (D4) flash slowly.

Step2. Release SW1 then press UP button on the RF remote, motor step-move again and stop.

Step3. LED (D4) off and "Learning" is completed successfully.

* NOTE: When pairing ensure ESC-ip and AVA-315 RF Remote within 20cm distance.

**NOTE: If nothing is pressed within 20seconds, the learning mode will disable and back to normal mode.

Delete Mode

Step1. Press and Hold SW1 until the LED (D4) flashing.

Continue pressing for about 8 seconds, LED flash from fast to even faster.

Step2. Release SW1.

Step3. Press SW1 again within 7 seconds.

Step4. LED will turn off indicates "Delete" is successfully

OPTION-2

Control by Network IP Address

Connecting to Network IP

- Connect AVA-ESC-ip to the local Ethernet connection
- Connect PC or Laptop or Mobile to LAN or WiFi.

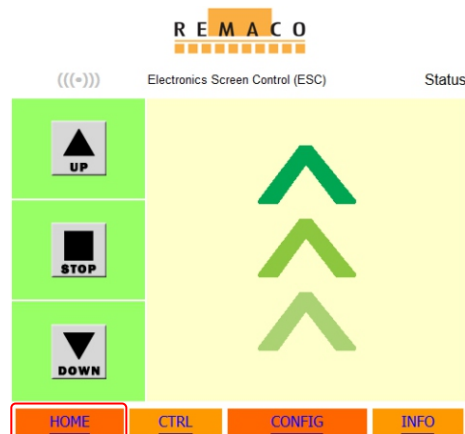
Must be connected to the same network.

- Go to browser (Google Chrome recommended)
- Type in the initial IP Address is 192.168.1.97
- Login Details

User name: **admin**

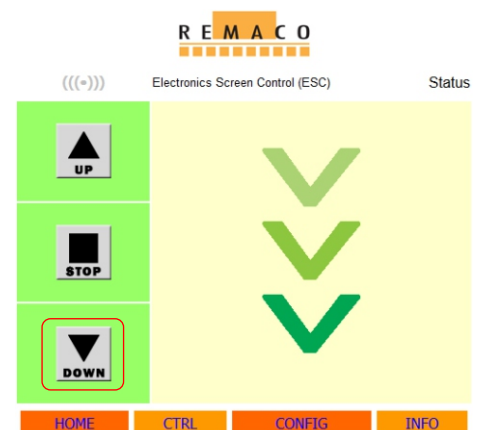
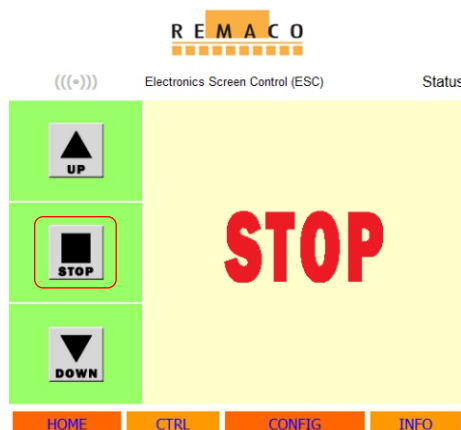
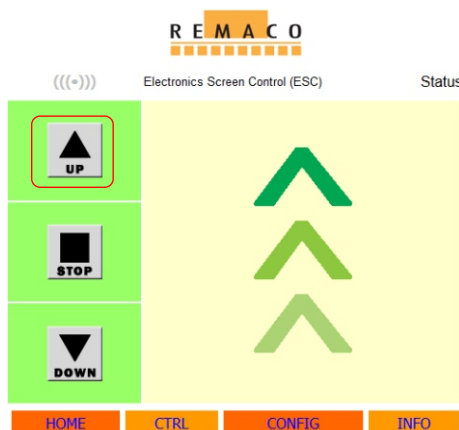
Password: **esc6**

HOME Page



Button Control:

- UP
- STOP
- DOWN



REMACO

Control By HTML Form Processing using "GET" Method

To control screen simply enter form-data commands using "GET" method in the browser address bar after question mark (?). Memory Space limit to 80 bytes.

Alternatively, append below show pre-configured page for controlling of up/stop/down of both channels. Corresponding form-data commands shown on browser address bar of the activated action.

ESC State: Stop

Active

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CTRL

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REMACO

Control By HTML Form Processing using "GET" Method

To control screen simply enter form-data commands using "GET" method in the browser address bar after question mark (?). Memory Space limit to 80 bytes.

Alternatively, append below show pre-configured page for controlling of up/stop/down of both channels. Corresponding form-data commands shown on browser address bar of the activated action.

ESC State: Stop

Active

Stop

Up

Down

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CONFIG Page

Enter the user name and password.

User name: **admin**

Password: **esc6**

REMACO

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Electronics Screen Control (ESC)

Status

UP

DOWN

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Authentication Required

http://192.168.1.123 is requesting your username and password. The site says: "Protected"

User Name: admin

Password: ••••

OKCancel

REMACO

Networking Configuration

This page allows the configuration of the ESC network settings.

CAUTION: Incorrect settings may cause the ESC to lose network connectivity. Recovery options will be provided on the next page.

Enter the new settings for the ESC below:

MAC Address: 00:04:A3:01:02:03

Host Name: REMACO-ESC

☐ Enable DHCP

IP Address: 192.168.1.97

Gateway: 192.168.1.1

Subnet Mask:> 255.255.255.0

Primary DNS: 168.95.1.1

Secondary DNS: 0.0.0.0

Save Config

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Networking Configuration

This page allows the configuration of the ESC network settings.

CAUTION: Incorrect settings may cause the ESC to lose network connectivity.
Recovery options will be provided on the next page.

Enter the new settings for the ESC below:

MAC Address:	<input type="text" value="00:04:A3:01:02:03"/>
Host Name:	<input type="text" value="REMACO-ESC"/>
	<input checked="" type="checkbox"/> Enable DHCP
IP Address:	<input type="text" value="192.168.1.97"/>
Gateway:	<input type="text" value="192.168.1.1"/>
Subnet Mask:>	<input type="text" value="255.255.255.0"/>
Primary DNS:	<input type="text" value="168.95.1.1"/>
Secondary DNS:	<input type="text" value="0.0.0.0"/>
<input type="button" value="Save Config"/>	

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When modifying the IP or MAC Address or select "Enable DHCP", it will show the page as below. Follow these steps to fix the connection issues.



Reboot in Progress...

Your settings were successfully saved, and the ESC is now rebooting to configure itself with the new settings.

Your ESC is now located at: http://REMACO_ESC/

Reconnection Instructions

1. Did you change the hostname, IP or MAC address?

It is necessary to clear the address caches in your web browser and OS. From the command prompt in Windows, enter "nbtstat-R" to clear the hostname cache, close your current web browser, open new web browser, and then try to access the web address above.

2. Did you try the IP Address

Try accessing the ESC directly at the IP address for your setting before. (ex: enter "http://192.168.1.97/" into your browser). If this fails then the IP address you set is not reachable. Try the step below.

3. Still not working?

You can restore default settings by clearing the ESC EEPROM. Turn off ESC Power. Hold Stop and Down buttons and turn On ESC Power. Continue holding stop+down buttons and turn On ESC Power. Release the buttons. This procedure restore the default configuration settings. You'll be able to access the board as you did when first connecting.

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[INFO](#)

REMACO

ESC Information

MAC Address:

00:04:A3:01:02:03

Host Name:

REMACO-ESC

☐

Enable DHCP

IP Address:

192.168.1.97

Gateway:

192.168.1.1

Subnet Mask:

255.255.255.0

Primary DNS:

168.95.1.1

Secondary DNS:

0.0.0.0

RF ID Record 1:

3023070705

RF ID Record 2:

3023070706

RF ID Record 3:

1111535185

RF ID Record 4:

0

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Once the Radio Frequency Remote is paired, the remote IDs will appear in the “RF ID Record” boxes. ESC memory is able to store up to **four** RF ID records.

REMACO

ESC Information

MAC Address:

00:04:A3:01:02:03

Host Name:

REMACO-ESC

☐

Enable DHCP

IP Address:

192.168.1.97

Gateway:

192.168.1.1

Subnet Mask:

255.255.255.0

Primary DNS:

168.95.1.1

Secondary DNS:

0.0.0.0

RF ID Record 1:

3023070705

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