



WAVE CONTROL SERIES

QUICK START GUIDE

REV .02 QUICK START GUIDE 2024

The WAVE Control Series - Control Panel has an easy-to-use front panel which enables intuitive operations of router access with minimal keystrokes when using the Destination Oriented firmware which is supplied as delivered from the factory. Consult the Owners Manual if you wish to switch the control panel firmware to **Select and TAKE** operation.

Note: The Control Panel does not require any special ventilation clearance with its passive cooling design, however it is always advisable to leave as much clearance between adjacent equipment as possible.

Perform CP-78 control panel connections as described below:

1. Connect an RJ-45 Ethernet cable from the control panel to your LAN which also has a WAVE router frame and a admin computer for communications with the different hardware.
2. Connect the 12vdc power brick connector to the control panel.
3. Connect the mains AC to the power brick mains AC connector. The panel does not have a power switch, it should boot up in less than 30 seconds.
4. When you are ready, you can change to DHCP by changing the dip switches to FORCED DHCP and pressing the RESET button found under the plastic cover next to the dip switches or unplug the external power, wait 10 seconds and re-power the unit.
5. Using the web browser UI, assign the router hardware of choice to the ROUTER button number on the control panel.

WAVE CONTROL SERIES REMOTE CONTROL PANEL

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The **Control Panel** internal dip switches are shipped in the factory positions as shown below.

The default IP address will be **192-168.1.31**

DIP SWITCHES UNDER PLASTIC COVER

FUNCTION	SWITCH #	1	2	3	4
Factory Use		ON	OFF	X	X
Factory Use - SW2 Must Remain Off		X	OFF	X	X
IP User Selection (software)		ON	OFF	OFF	OFF
Forced DHCP		ON	OFF	OFF	ON
Forced IP 192.168.1.31		ON	OFF	ON	OFF
Forced IP 10.1.7.15		ON	OFF	ON	ON

NOTE: No admin privileges are required at this point. Those operations are unlocked from the factory but may be activated with assigned permissions once you have communications set up with the Control Panel.

OPERATION OF THE CONTROL PANEL TO CONTROL A ROUTER FRAME

Press the **ROUTER / LEVELS** button on the control panel to communicate with the proper router hardware to be controlled by the Control Panel.

In its factory default operations mode, the user can select a **DESTINATION** first, then a **SOURCE** to switch that source to the destination (output) crosspoint.

NOTE: The Control Panel must first be configured to work with your network. The router frames (hardware) to be controlled must be assigned to the Control Panel **ROUTER** buttons and selected on the Control Panel.

As shipped from the factory, **SALVO** button 1 recalls Source & Destination mapping as 1:1 for the entire Cobalt WAVE router matrix (if connected). All Salvo buttons can be programmed and saved with your specific needs. You can also lock out **SALVO** operation from the UI or control panel once the panel is configured.

- These configuration changes are easily accomplished using the web browser UI.

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