
Quick Installation Guide

marine-pro

RP 410
Remote Panel



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Document Information

Valid Versions

This Quick Installation Guide is valid for the following firmware releases.

Panel	Firmware
RP 410	1.4 ->
DCU 410/408	1.4 ->

Manual Revisions

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Ordering Information

The following parts are available in the **Marine Pro** range

Item	Part #
DCU 410 – Engine Control	1006450
DCU 408 – Engine Control	1006455
RIO 410 – I/O Expansion	1006453
RIO 425 – Generator Interface	1006409
SDU 410 – Safety Unit	1006451
RP 410 – Remote Panel	1006452
MK-14 – Relay Expansion	1121341
DCU 210 – Engine Control	1006481
DCU 208 – Engine Control	1006480
RP 210 – Remote Panel	1006482
IP Camera	1121258

About this manual

This manual has been published primarily for professionals and qualified personnel. The user of this material is assumed to have basic knowledge in marine systems, and must be able to carry out related electrical work.

Work on the low-voltage circuit should only be carried out by qualified and experienced personnel. Installation or work on the shore power equipment *shall only* be carried out by electricians authorized to work with such installations.

Responsibilities

It is the *sole responsibility of the installer* to ensure that the installation work is carried out in a satisfactory manner, that it is operationally in good order, that the approved material and accessories are used and that the installation meet all applicable rules and regulations.

Note! Auto-Maskin continuously upgrades its products and reserves the right to make changes and improvements without prior notice.

All information in this manual is based upon information at the time of printing.

For updated information, please contact your local distributor.

Content

This Quick Installation Guide covers the basics of successfully installing the RP 410 Remote Panel.

For the full RP 410 Installation Manual, please refer to the Marine Pro section at www.auto-maskin.com.

This Guide covers the basics of installing the RP 410.

Installation

Unwrapping

Make sure the unit is not damaged in transport, and that these parts are in the box:

- The RP 410 Remote Panel
- A bag of screws and nuts

Panel Installation

The RP 410 is intended as a remote command and monitoring panel, and as such can be installed in the engine control room or in the wheelhouse.

The RP 410 should be installed in suitable enclosure, and it must have easy operator access.

- Make an enclosure cutout of 307 x 183mm (W x H).
- Drill holes with $\text{Ø}=3.5\text{mm}$ for the four fastening screws.
- Using the 3mm screws and nuts, securely fasten the RP 410.

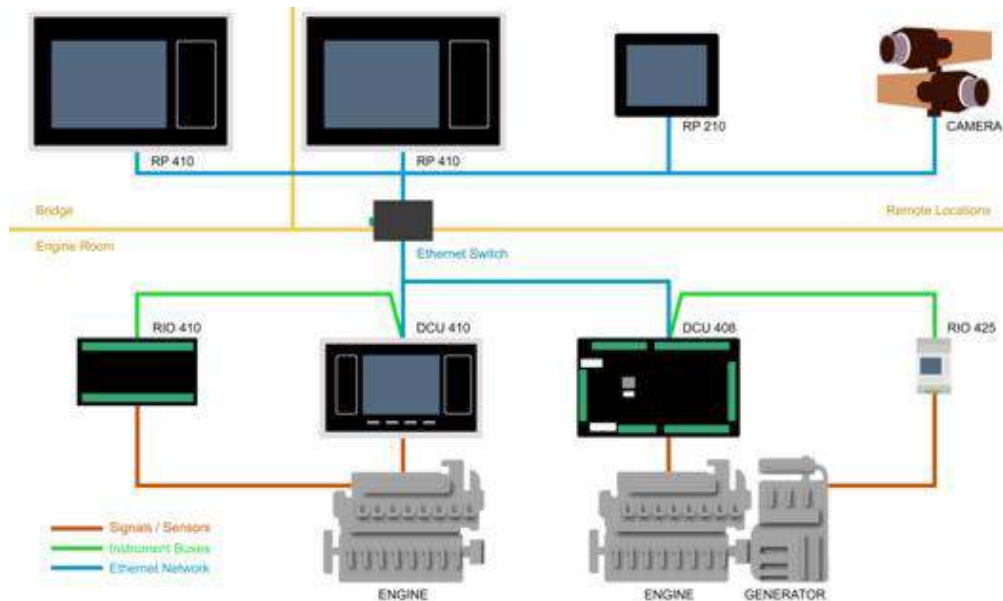
Network

In its simplest form, connect a standard CAT5 ethernet cable between a single DCU and the RP, using the ethernet ports on the two.



Auto-Maskin recommend however, always installing an ethernet switch in-between the two for these reasons:

- Easy to connect a laptop to the network
- Easy to expand with more DCU and RP panels
- Does not matter if ethernet cable is crossed or straight.



In the one-line diagram example above, multiple panels and equipment is connected together with the switch.

Power-On

Connect the 24V supply

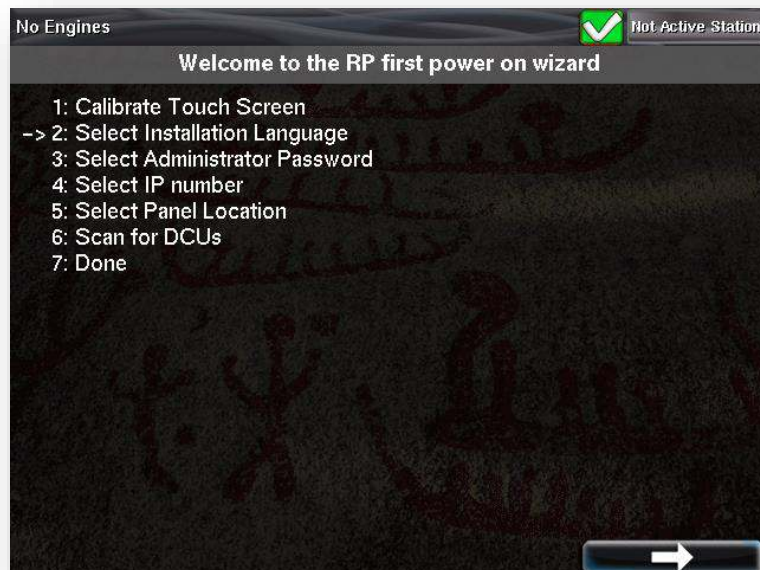
The supply is typically the ships redundant 24VDC supply. Unplug the wire terminal block, and connect the 24V supply wires as follows:

- 24V to terminal 1
- 0V to terminal 2

Attach the wire terminal block and watch as the RP 410 is booting for the first time.

Factory Startup Wizard

When power is switched on for the first time, the RP 410 will perform a one-time startup wizard.



Complete the Wizard by answering the questions.

Note! Everything can be changed in the configuration later.

System Configuration

The RP will read the configuration from the DCU 410 (and DCU 408) unit(s) in the network, and all instruments and configurations in those units will appear on the RP 410.

However, the RP 410 can be adjusted to suit special needs in the System Configuration section.

- In the RP 410, select **Menu** -> **Settings** -> **Administration**
- Type the factory default password: **1234**
- Click **OK**



Change password

Once logged into the Administration section, make sure to change the password.

Auto-Maskin suggest a company-based or per-person based password.



Lost Password

If the password is lost, please contact your distributor who will be able to unlock the panel using the *Encrypted PIN*.

