



Series 5500-5000

The Series 5500-5000 DCH Remote Display has a dimmable multi-function screen that provides display of control and machinery status in imperial or metric units.

Screens can be configured to display the most basic system information or more comprehensive data.

Items for display include: control system displays and alarms, control lever position, transfer status, engine operating parameters available from the engine serial link, shaft rpm (optional) and gear engagement.

FEATURES

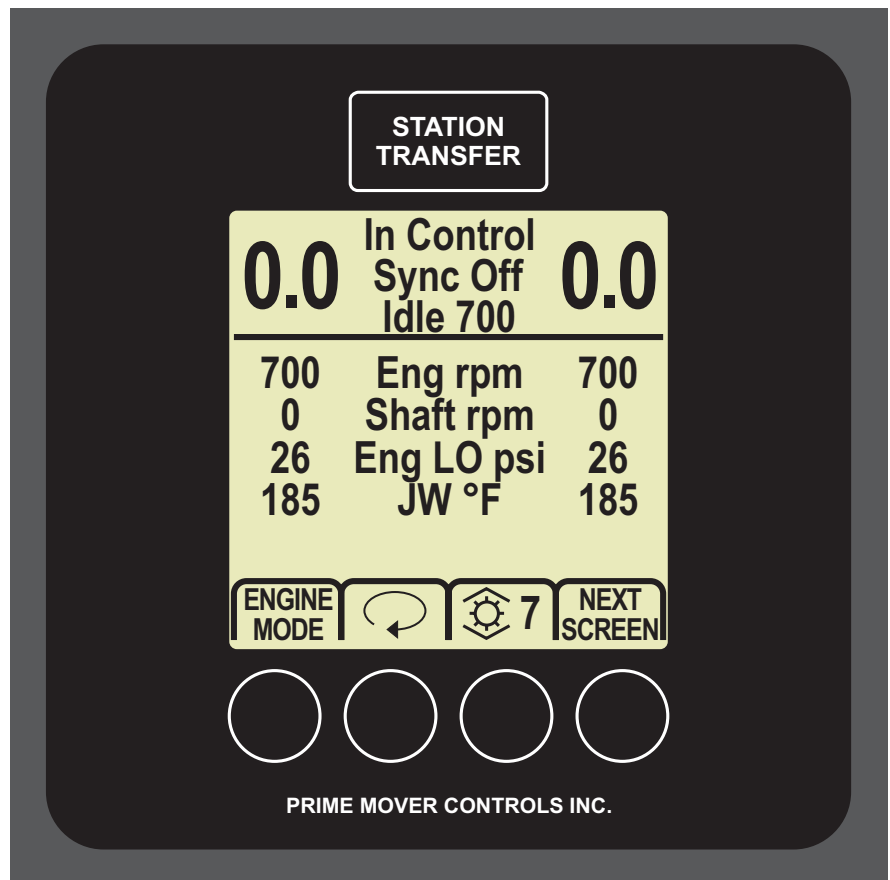
- Backlit, dimmable, 160 x 160 pixel graphical LCD
- Control and machinery status display (metric or imperial)
- Shaft RPM indication
- Four membrane buttons with intuitive software menu in plain English
- Dedicated station transfer button
- Integral alarm horn
- Station in command open collector outputs for connection to auxiliary stations
- Optional electric shaft

APPLICATIONS

- For use with alternate control heads in a Series 8550-2000 MPC-D Marine Propulsion Control System

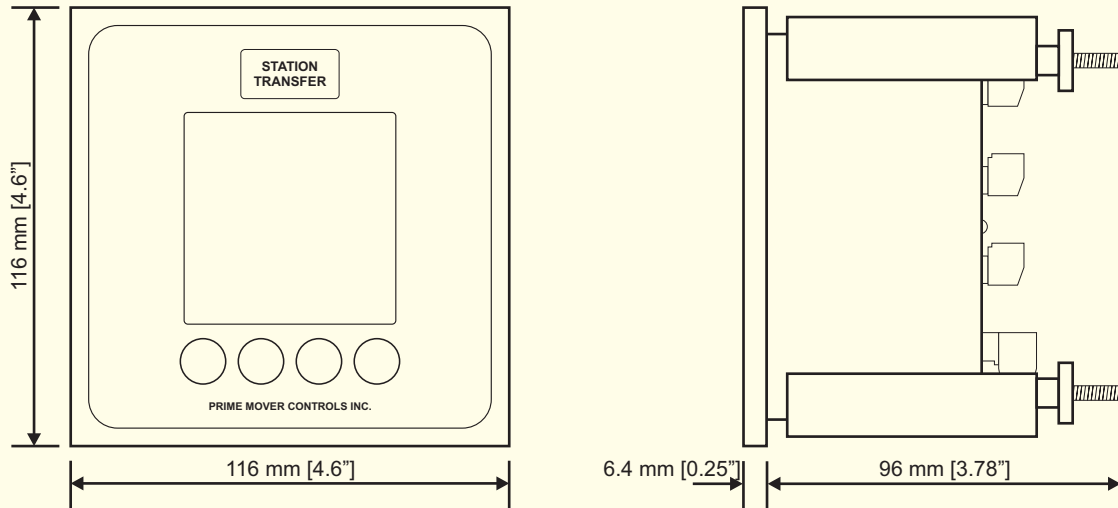
DCH REMOTE DISPLAY

TYPE RD



PRIME MOVER CONTROLS INC.

DIMENSIONS FOR 5500-5000 DCH REMOTE DISPLAY



SCALE 1 : 2

SPECIFICATIONS:

Supply:

- Dual 24 V_{DC} inputs
- Nominal 24 V_{DC}, 18 V_{DC} to 36 V_{DC}
- Typical 175 mA @ 24 V_{DC}
- Peak 250 mA @ 24 V_{DC}

Environmental:

- Operating temperature -5 °C to +70 °C
(Optional extended range from -25 °C to +70 °C)
- Storage temperature -30 °C to +80 °C
- Vibration: Frequency range 2 Hz to 100 Hz
Peak to peak amplitude 2 mm below 13.2 Hz
Acceleration amplitude 0.7 g above 13.2 Hz
- CE compliant for EMC (IEC/EN60945)

Physical:

- IP66 above console, IP43 below console
- Dimensions 116 mm L × 116 mm W × 96 mm H
(4.6" L × 4.6" W × 3.8" H)
- Weight 0.5 kg (1.4 lbs)
- Removable terminal blocks

Inputs/Outputs:

- 4 potentiometer inputs
- 3 opto-isolated nominal 24 V_{DC} inputs
- 3 open collector outputs 0.5 A @ 24 V_{DC}
- 9 open collector input/outputs 0.5 A @ 24 V_{DC}
- 3 RS 485 communication ports

CUTOUT
SCALE 1:2

105 mm x 105 mm (+1.0 mm/-0.0 mm)
[4.13" x 4.13" (+0.04"/-0.00")]

PRIME MOVER CONTROLS INC.

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