

**SPECIFICATIONS OF REMOTE DISPLAY
RD-20**

1 REMOTE DISPLAY

- 1.1 Display type Segment LED and dot matrix (red)
- 1.2 Brilliance 10 steps (includes 'OFF')
- 1.3 Data indication Ship's speed, Course, Heading, Distance, Depth, Rate of turn, Wind direction/speed, Rudder angle, Engine/ shaft RPM, Propeller pitch, Water temperature
- 1.4 Remote control Remote controller (option) required
- 1.5 Remote dimmer Dimmer controller (option) required
- 1.6 Interface
 - Remote control Serial, 1 port, 38,400 bps, 5 VDC output (for remote/dimmer controller)
 - Sensor Input: 1 port, NMEA0183 Ver1.5/2.0/3.0/4.0/4.1
 - Daisy chain (for RD-20) Output: 1 port, 38,400 bps
- 1.7 Data sentences DBK, DBS, DBT, DPT, HDG, HDT, HDM, HTC, HTD, MTW, MWV, RPM, RMC, ROT, RSA, THS, VBW, VHW, VLW, VTG, VWT, VWR

2 REMOTE CONTROLLER (OPTION)

- 2.1 Control button DISP, UNIT, MODE
- 2.2 Interface Serial, Input: 1 port, Output: 1 port, 38,400 bps
5 VDC input (supplied from remote display)
5 VDC output (for dimmer controller)

3 DIMMER CONTROLLER (OPTION)

- 3.1 Control button DAY/NT, BRILL (▲/▼)
- 3.2 Interface Serial, Output: 1 port, 38,400 bps
5 VDC input (supplied from remote display)

4 POWER SUPPLY

- 4.1 Remote display 12-24 VDC: 0.6-0.3 A (includes controller source)

5 ENVIRONMENTAL CONDITION

- 5.1 Ambient temperature
 - Remote display -25°C to +55°C
 - Remote/Dimmer controller -15°C to +55°C
- 5.2 Relative humidity 95% at 40°C
- 5.3 Degree of protection IP22
- 5.4 Vibration IEC 60945

6 UNIT COLOR

N2.5