

# SKIPPER CD401MR-SB

Compact digital multirepeater

Digital  
repeater

NMEA  
signals

Depth

Speed

Distance

Heading

Rotation

Wind

Temp.

Drive

Clock

Pitch  
and Roll

Current  
Indicator



The SKIPPER CD401MR is a remote multirepeater for NMEA signals. It is designed for use with SKIPPER products together with products from other manufacturers, when these have an NMEA 0183 output.

#### Features:

- **Depth** – below surface, keel and transducer
- **Speed** – over ground and through water (longitudinal, transverse, aft and relative)
- **Distance** – total/trip for both ground and water
- **Heading** – true, magnetic and relative
- **Rotation** – rate of turn and direction
- **Wind** – speed and direction (true, magnetic and relative)
- **Pitch and Roll** – bow position and starboard/port heel
- **Temperature** – water and air
- **Drive** – RPM, propeller pitch and rudder position
- **Clock** – UTC, local time and expected time of arrival (ETA)
- **Current Indicator** – True and relative speed and direction

SKIPPER Electronics manufacture marine electronics for the merchant fleet as well as the fishing fleet, based on experience, research and tradition. Our products are known worldwide for reliability, sophistication and good value for money.

The SKIPPER CD401MR multirepeater repeats information about several essential information needed on a vessel. The operator may select between the information needed by use of the display, and could even customize the information shown.

Brightness is adjusted on the front panel, or from a remote dimmer control.

“Serve you further”

e-mail: [sales@skipper.no](mailto:sales@skipper.no)

[www.skipper.no](http://www.skipper.no)

Navigational Speed Logs, Echo Sounders, Sonar and Direction Finders

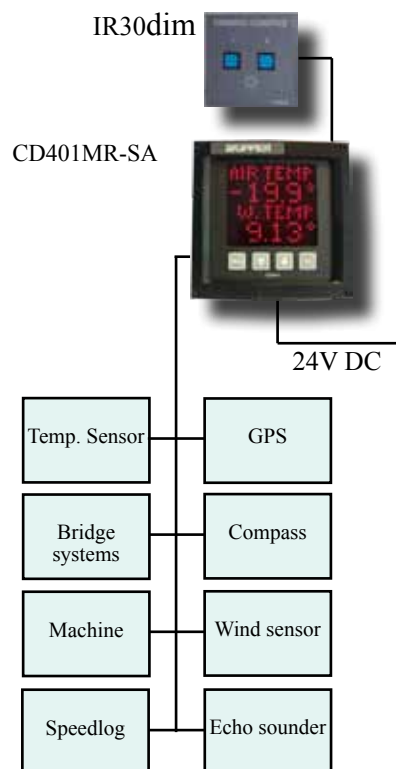
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Compact digital multirepeater

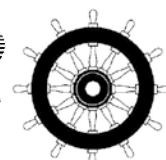
## Specifications

## Overview

<b>Power Supply</b>	DC: 24 V DC (18-32)
<b>Power Consumption</b>	30 W at 24 V
<b>Display</b>	Up to 4 lines with LED
<b>Display outputs</b>	<p><b>Depth</b> – below surface, keel and transducer</p> <p><b>Speed</b> – over ground and through water (longitudinal, transverse, aft and relative)</p> <p><b>Distance</b> – total/trip for both ground and water</p> <p><b>Heading</b> - true, magnetic and relative</p> <p><b>Wind</b> - speed and direction (true, magnetic and relative)</p> <p><b>Temperature</b> – water and air</p> <p><b>Drive</b> – RPM, propeller pitch and rudder position</p> <p><b>Clock</b> – UTC, local time and ETA</p> <p><b>Current indicator</b> - Relative and true speed and direction</p>
<b>Mounting Dimensions</b>	124x124 mm. Bracket or panel mounting
<b>Front plate</b>	144x144 mm to DIN standard
<b>Depth.</b>	59 mm
<b>Weight cabinet</b>	1 kg
<b>Protection</b>	IP 56
<b>Outputs</b>	2 x NMEA 0183
<b>Inputs</b>	<p>1 x NMEA 0183 protocols</p> <p>Remote dimmer input</p> <p>* Depth: DPT, DBK, DBT, DBS</p> <p>* Speed: VBW, VTG, VHW</p> <p>* Distance: VLW</p> <p>* Heading: VTG, VHW, THS, HDT, HDM, HDG</p> <p>* Rotation: ROT</p> <p>* Pitch and Roll: XDR</p> <p>* Wind: MWV, VWR, VWT, MWD</p> <p>* Temperature: MTA, MTW, MDA</p> <p>* Drive: RPM, RSA</p> <p>* Clock: ZTG, ZDA, GGA, RMC</p> <p>* Current: IIVDR, PSKPVDR</p> <p>* Auxillary: <u>User defined.</u></p>
<b>Classification</b>	Made acc. to IMO performance standard IP 56
<b>Service</b>	Available in most major harbours, world-wide through extensive dealer network



# SKIPPER



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Date: December 2011

Version: 22122011