

## Navigation Speed Logs

### SKIPPER EML224 COMPACT



- ★ IMO Wheelmarked with MED-B
- ★ Water speed log in single or dual axis (STW)
- ★ Compact Display 144x144 mm
- ★ Sea Temperature readout from sensor
- ★ NMEA 0183 and Analog pulses output
- ★ 1 Programmable contact closure
- ★ RMRS and CCS available on request

The SKIPPERS Compact EML224 is a single or dual axis speed log, working on the electromagnetic principle, providing longitudinal and transversal ship's speed relative to sea water. The Compact EML224 gives accurate navigation parameters, measured as they happen, and presented in a logical, user friendly way.

### Specifications:

Speed Log:  
EML224 Compact

<b>EMI224 Compact</b> <b>Number of Axis:</b> 1 2
<b>Speed range longitudinal:</b> +/- 40 knots +/- 40 knots
<b>Speed range transversal:</b> N/A +/- 40 knots
<b>Water track (from):</b> 0 meter
<b>Temperature accuracy error:</b> <1°C <1°C
<b>Power Supply:</b> AC:115-230 V 50/60 Hz DC: 20-32 V, auto switch over AC:115-230 V 50/60 Hz DC: 20-32 V, auto switch over
<b>Power Consumption:</b> Max 30 W Max 30 W
<b>Display:</b> 28x30 pixle alphanumeric LEDs (red) with dimming 28x30 pixle alphanumeric LEDs (red) with dimming
<b>Mounting dimensions display:</b> 124x124 mm. Bracket or panel mounting 124x124 mm. Bracket or panel mounting
<b>Front plate:</b> 144x144 mm 144x144 mm
<b>Depth:</b> 59 mm 59 mm
<b>Weight:</b> 1 kgs 1 kgs
<b>Standard cable length:</b> 10 m (max 20 m) 10 m (max 20 m)
<b>Mounting options:</b> <ul style="list-style-type: none"> <li>★ 60 mm Sea Valve for single bottom</li> <li>★ 60 mm Sea Valve for double bottom</li> <li>★ Steel Tank</li> <li>★ Aluminium tank</li> <li>★ 100 mm Sea Valve for single bottom</li> <li>★ 100 mm Sea Valve for double bottom</li> <li>★ Simrad NL-log retrofit</li> <li>★ Sagem/Safran retrofit</li> <li>★ Naviknot SRD331 retrofit</li> <li>★ PCSV60 retrofit</li> </ul>
<b>Speed alarms:</b>

★ High and low speed limits

★ Power failure

★ Sensor failure

**Outputs:**

★ 2xNMEA 0183

★ 1xcontact closure (pulse)

★ Alarm (relay)

★ Fitness

**Inputs:**

★ 1xNMEA 0183 (OPTO isolated)

★ External dimming (pulse)

**NMEA Outputs:**

★ Speed: VBW and VHW

★ Distance: VLW

★ Others: MTW (Temperature)

**Classification:**

★ IMO Wheelmarked

★ CCS on request

★ RMRS on request.

★ MED-B

**Service:**

Available in most major harbours, world-wide through extensive dealer network

## Downloads:

[Product Brochure](#)

[Operation and Installation Manual](#)

[Certificates](#)

[Additional Installation Documents](#)

## One full system consist of:

**Compact Display options:**

CD401E1-SB for Single Axis option

CD401E2-SB for Dual Axis option

CD401EB-SB for Backwards option



**Electronic Unit:**

JB60CD-SA



**Bottom housings:**

[SB-60-SA](#) Sea Valve for single bottom

[DB-60-SA](#) Sea Valve for double bottom

[ETNSTCL](#) Steel Tank

[ETNALC](#) Aluminium Tank



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