

## SW RP03 Data Repeater

Instrument able to handle 200 NMEA sentences, displaying up to 4 different NMEA channels simultaneously.

### Product Description

The RP03 remote data repeater is capable of displaying over 200 standard NMEA 0183 and proprietary sentences. The RP03 can monitor up to 4 separate data channels.

Up to 12 sentence ID's can be stored in a list of often viewed sentences. You can select a sentence from this list quickly using the "up" and "down" keys to scroll through the selections.

You can add and delete sentences to/from this list as often as desired.

Five levels of backlighting can be selected and remotely switched ON/OFF.

All settings are automatically saved to nonvolatile memory.

The RP03 works on both 12 and 24 VDC systems and with its large display digits draws only 0.035 amps and only 0.075 amps with full backlighting.

### Technical Specifications

- Power supply: 9.5 to 33 VDC
- Current Drain: 0.035 Amps nominal
- Operating temperature: 32 to 122 F° ( 0 to 50 C°)
- Size: 4.3" x 4.3. x 3.5. deep (110 x 110 x 89 mm)
- Mounting: 2-1/8" (54mm) round hole
- Display: Large 4 digit LCD, 5 levels of backlighting with external backlight on/off control
- Input Format: NMEA 0183
- Baud Rate: 4800
- Input Channels: 4
- Input sentences: up to 210 NMEA sentences, standard and proprietary

### The box contains:

- #1 NMEA repeater SWRP03 (UX0RP030SW);
- #1 Suncover;
- #1 Flush mount bracket kit (H269AS01);
- #1 User Manual (English);

## SW RP05 Depth and Temp

NMEA repeater dedicated to Temperature and Depth, simple and efficient, able to be connected with external alarm.

### Product Description

The SWRP05 is a compact digital depth gauge. The SWRP05 uses Digital Signal Processing (DSP) to reliably display water depth from 1.2 to 1000 feet (0.3 to 365 Metres). Depth can be displayed in feet, metres or fathoms. Variable display damping is provided.

The SWRP05 has programmable shallow, deep and anchor drag alarms built-in and can display the depth in feet, metres or fathoms.

A keel offset from -20.0 to +20.0 feet can be entered so the SWRP05 shows the depth below the surface, below the keel or below the transducer. Under 20 feet, Meters or Fathoms, the depth is displayed in tenths.

The SWRP05 outputs NMEA 0183 serial data as a standard \$SDDPT (Depth below the transducer) sentence.

If not required, the NMEA 0183 data line can be programmed as an external alarm output.

A separate backlight control wire turns the backlights on and off.

Five levels of backlighting (including OFF) can be selected and all set-up, calibration constants and alarm values are saved to non-volatile memory.

The SWRP05 works with a 120kHz depth transducer and both through-hull and transom mount transducers are available.

### Technical specifications

- Power supply: 9.50 to 16.00 VDC, 0.37 Amps nominal
- Operating temperature: 32 to 122 F° ( 0 to 50 C°)
- Transducer: 300 RMS, 120khz
- Size: 4.3" x 4.3" x 3.5" deep (110 x 110 x 89 mm deep)
- Mounting: 2-1/8" (54mm) round hole
- Depth range: 1.2 to 1000 feet ( 0.3 to 365 Meters)
- Resolution: 0.1 Feet, Meters or Fathoms below 20.0, full digits above 20
- Keel offset adjust range: -20.0 to +20.0 feet
- Alarms:
  - Shallow depth alarm
  - Deep depth alarm
  - Anchor drag alarm
- Display: 4 digit LCD, 5 levels of backlighting
- Functions:
  - Feet, Meters and Fathoms icons
  - Alarm ON/OFF icons
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  - External and internal ON/OFF control for backlights
  - Variable display damping
- NMEA 0183 Out: \$SDDPT, Depth below transducer

### The box contains:

- #1 NMEA repeater SWRP05 (UX0RP050SW);
- #1 Suncover;
- #1 Flush mount bracket kit (H269AS01);
- #1 User Manual (English);

## SW RP07 Speed, Log and Temp

NMEA repeater for data visualization of Temperature Speed and Log, with a number of additional features including the countdown to the start in the race.

### Product Description

The SWRP07 provides accurate digital instrumentation for boat speed and average boat speed, trip distance and total distance traveled, water temperature, elapsed time and provides a race timer that can be preset to two different (pre-programmable) values.

The SWRP07 displays speed and average speed up to 50.0 Knots (58 M.P.H.) in tenths, very accurate water temperature in degrees F or C in tenths, trip log to 999.9 miles and permanent log to 9,999 miles.

A downcounting race timer is presettable for two different start times from 1 to 99 minutes each; it beeps off the minutes and last ten seconds before reaching zero. After reaching zero, the race timer continues to track elapsed time.

Speed can be displayed in Knots, MPH and KM/H with selectable display damping.

Temperature can be displayed in degrees Fahrenheit or Celsius.

Speed, temperature and clock speed may all be calibrated using the front panel keys.

Five levels of backlighting can be selected and remotely switched ON/OFF.

All setup and calibration constants are saved to a non-volatile memory.

The SWRP07 outputs NMEA 0183 data of boat speed, logs, and water temperature and works on both 12 and 24 VDC systems.

The SWRP07 with its large display digits draws only 0.035 amps and only 0.055 amps with full backlighting.

Both transom mount and thru-hull mount speed/temperature transducers are available separately.

### Technical specifications

- Power supply: 9.50 to 33.00 VDC, 0.037 Amps nominal
- Operating temperature: 32 to 122 F (0 to 50 C)
- Size: 4.3" x 4.3" x 3.5" deep (110 x 110 x 89 mm)
- Mounting: 2-1/8" (54mm) round hole
- Display Data:
  - Speed
  - Average Speed
  - Water Temperature
  - Race Timers
  - Elapsed time
- Resolution: 0.1 Knot, MPH or KM/H, 0.1 deg F° or C°
- Accuracy: Front panel adjustable speed, temperature, clock
- Ranges:
  - Speed - 0.0 to 50.0 knots
  - Temperature - 0.0 to 32.0 deg C
  - Race Timer - 1 to 99 minutes
- Transducers: Transom and thru-hull speed/temperature transducers available separately
- Display: 4 digit LCD, 5 levels of backlighting
- NMEA 0183 sentences:
  - Water temperature: MTW (\$VWMTW,xx.x,C\*CS)
  - Total/Trip Logs: VLW (\$VWVLW,xxxx,N,yyy.y,N\*CS)
  - Speed (Knots/km/h): VHW (\$VWVHW,,,,,xx.x,N,yyy.y,K\*CS)

**The box contains:**

- #1 NMEA repeater SWRP07 (UX0RP070SW);
- #1 Suncover;
- #1 Flush mount bracket kit (H269AS01);
- #1 User Manual (English);