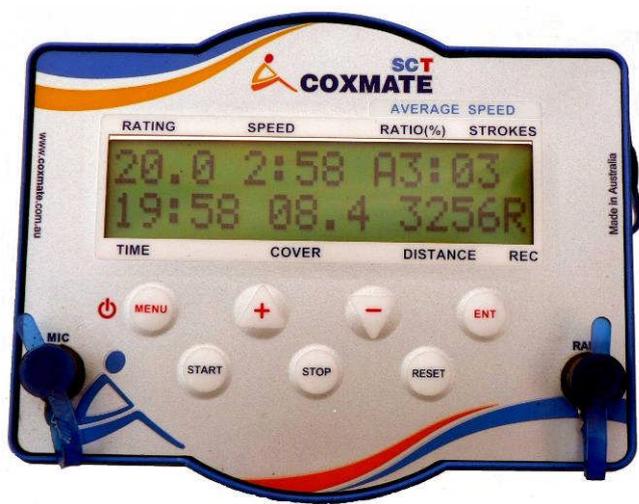


COXMATE

ADVANCED ELECTRONICS FOR ROWING

Coxmate SCT

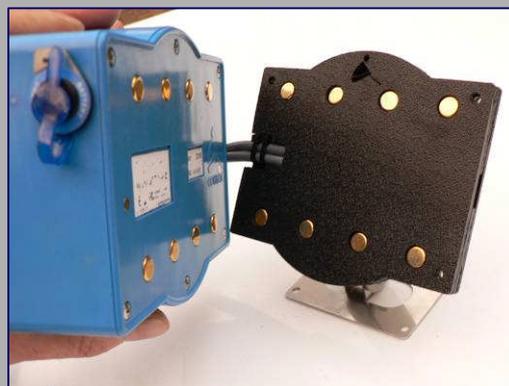


The **Coxmate SCT** provides the same technical capabilities as the **SC**, in a new tough ABS waterproof enclosure with the unique Coxmate magnetic mounting base.* This system simplifies fitting the unit into the boat and enables position and angle adjustment. This does away with the problems caused by frequent operation of the 4 pin rubber connectors. It takes less than a second to fit the unit into the boat.

The SCT unit displays rating, speed, time, distance, stroke-count, cover (*distance travelled per stroke*), speed ratio (minimum speed/maximum speed for each stroke) and average speed. The optional **Coxmate** Analysis Software enables detailed rowing data to be transferred to a PC and analysed.

The **SCT** is a sophisticated device with considerable storage and processing capability. To ensure users can benefit from future developments, it is capable of having

- New durable enclosure
- Magnetic Mount for quick connection in boat – no vulnerable 4-pin connectors
- Displays speed, distance rating and time
- PC transfer with powerful analysis software



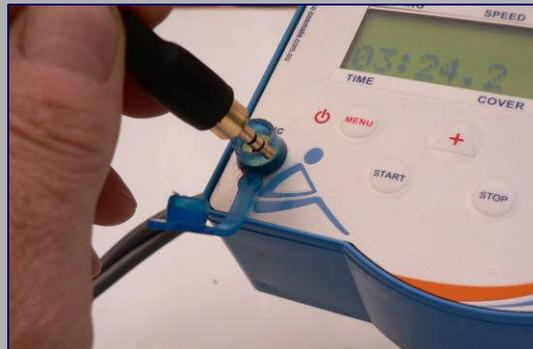
The magnetic mount provides both mechanical and electrical connection



The adjustable arm has two friction hinges, providing easy adjustment

new versions of software downloaded over the Internet. The software can also display a synchronised image of both the velocity profile of the boat and a video of the rower(s) on the same screen.

The **SCT** is compatible with all **Coxmate** speakers, stroke/seat sensor and cable harness and Nielsen Kellerman peripherals.



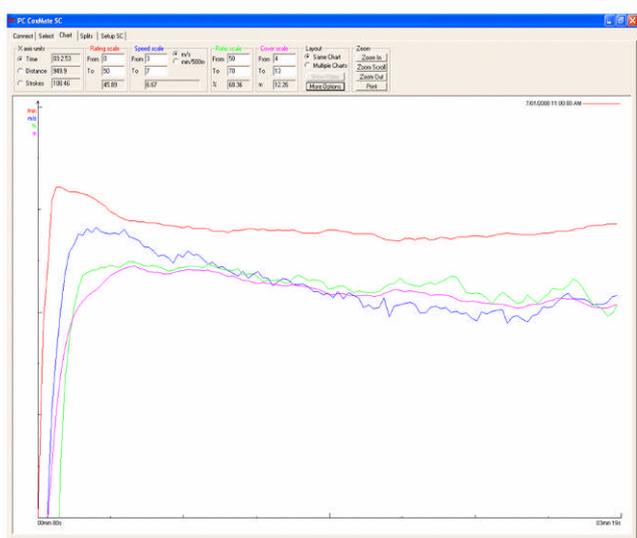
The microphone connector is a waterproof jack, with a sealing cap.

Sample graph

From the SC Analysis Software - and there's much more!

PC Analysis Software:

The data is time and date stamped. Once in the PC, rowing records can be annotated with details of crew composition, weather conditions etc. A database can be built up, enabling multiple variables, eg. rating, speed and speed ratio to be displayed on same graph, or, the same variable, eg. speed, to be compared over different records. Four start routines could be compared on the same graph. The display could be over a single stroke or a 2000 metre race.



Recall your race:

The graph shows **rating**, **speed**, **speed ratio** (the min/max ratio of speed for each stroke and **cover** (distance covered each stroke).

Scales can be set.

Precise readings can be made by positioning cursor on line.

Zoom in/out at will.

Select any combination of the four variables shown.

Specifications:

- **Batteries:** NiMH. Charge time approx 8hrs. Run up to 10 hours
- **Stroke rate:** Range: 5.0 to 69.9 strokes/minute. 0.1 resolution
- **Timer/Stopwatch:** 00:00.0 to 60:00.0 (mm:ss.s)
- **Stroke Count:** 0- 999. .
- **Record:** Up to 1hr recording of rowing data, every ~20mS.
- **SC-Analysis Software:** (Optional): Connect **SCT** to PC: serial or USB. (Incl. USB converter) Details in separate data sheet.
- **Speed Sensor:** Magnetic impeller mounted externally.
- **Sealing:** Waterproof to IP67, 2 metre immersion. SC floats.
- **Dimensions; Weight:** 145x90x45 mm; 550g
- **Speakers:** Up to 4 speakers can be connected.
- **EMC: FCC:** Part 15 Class B. **CE:** EN50081.1:IEC/CISPR61000-6-3:1996 Class B (radiated emissions) and 61000.4.2 2002 electrostatic discharge immunity

SCT components:

- **SCT-Kit:** **SCT** with charger, carry case, magnetic mounting base, silicone grease & manual.
- **SC-XP-xx:** Speed sensor comprising impeller assembly to mount on hull's external surface. **xx** is **2m** for bow coxed four, **7m** for stern coxed four, **14m** for eight without section and **(5+9)m** for sectioned eight.
- **SC-Analysis Software:** (Optional) Link for PC connection: serial or USB. Includes USB converter, Powerful analysis software.
- **CH4-SR/SC-Mod-kit:** Wiring loom for four, 2 speakers & stroke/seat sensor.
- **CH8-SR/SC-Mod-kit:** Wiring loom for eight (with or without section) with 4 speakers, stroke/seat sensor.

www.coxmate.co.uk

Rowperfect UK Limited acts as UK agent for Coxmate Products. 07970 266180