COX●RB
CoxOrb Cobalt User Guide

active-tools

Congratulations on purchasing your new CoxOrb. It has been designed to be as easy as possible to use but the following information will help you get the most from it. If you do have any questions please email us at **queries@active-tools.com** or contact your local distributor.

Start / Stop Button

Recall Button

Stroke Rate

Stop / Ready

Stroke Count

Decrease Volume Button

Audio / Charging Connector

Light Sensor for Backlight

Volume Level Indicator

Split / Clear Button

Battery Level Indicator

Timer/Clock

Clock Button

Increase Volume Button

Microphone Connector

Mute Button
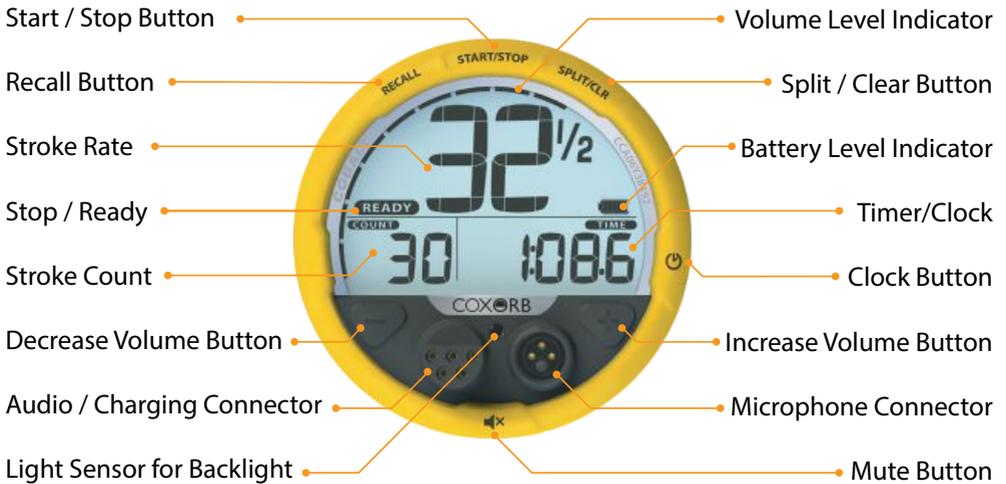
Basic Operation		
Turn On	START/STOP	**Press & hold START/STOP for 3 seconds.** The unit will turn on in 'STOP' mode and Rate will be displayed.
Turn Off	START/STOP	**Press & hold START/STOP for 3 seconds.** Note that unit must not be in 'RECALL' mode.
Volume Control		**Press INCREASE / DECREASE VOLUME buttons.** Volume level is displayed on the 'Volume Level Indicator' and the level is saved when the unit is turned off.
Mute		**Press & hold MUTE button.** The unit will be muted and the 'Volume Level Indicator' bars will disappear .

Clock		**Press & hold CLOCK button.** The Time of Day Clock will be displayed.

Recording a Work Piece		
Go To Ready		**Press START/STOP.** Unit will go to 'READY' mode (all data fields ready to record).
Start		**First boat movement or press START/STOP.** When in 'READY' mode the unit will automatically start recording on the first movement of the boat. Alternatively you can press START/STOP again. During a timed work piece Stroke Rate, Stroke Count, and Elapsed Time will automatically be recorded. *Work Pieces under 10 seconds long will not be recorded.*
Recording a Split		**Press SPLIT/CLR.** The timer display will freeze and flash for 3 strokes to indicate that a split has been recorded (the timer will continue to run internally).
Stop Timing		**Press START/STOP.** Work Pieces can be stopped at any time. The unit will return to 'STOP' mode and display the last recorded figures until the piece is resumed or cleared. Alternatively, if you stop rowing or paddle very lightly, elapsed time will flash. If you then press START/STOP while it is flashing, the time you stopped rowing hard will be used as the end of the work piece.
Resume Timing		**Press START/STOP.** Work Piece will resume as a continuation of the original piece.
To Clear and Reset the Timer		**Press SPLIT/CLR.** Unit must be in 'STOP' mode.

Recall		
Enter Recall		**Press RECALL.** When in 'RECALL' mode 'MEM' is displayed on screen.

Selecting Work Piece to View		**Press INCREASE / DECREASE VOLUME buttons.** Work Pieces are labelled with the Time of Day they were recorded. The highlighted work piece will flash and if you leave it highlighted for more than 3 second it will be selected. The unit will store 20 work pieces and after that it will automatically delete the oldest one when a new one is recorded.
Reviewing Work Piece		**Press INCREASE / DECREASE VOLUME buttons.** The stored information can be reviewed in 5 second, 30 second and 1 minute increments depending on the length of button press. SPLIT/CLR cycles through recorded splits, including the start and end of each Work Piece. The 'Volume Level Indicator' shows the approximate location within each Work Piece.
Erasing Work Piece	SPLIT/CLR	**Press & hold SPLIT/CLR for 5 seconds when on the work piece you wish to remove.** The screen will flash ERASE when preparing to erase and ERASED when complete.
Exiting Recall	RECALL	**Press RECALL.** Unit will return to home screen and be in 'STOP' mode.

Battery & Charging		
Battery Life		**Battery Level Indicator.** Each bar represents approximately 20% of battery life and a full battery gives around 6 hours of normal use.
Charging		**Connect the charger to the Audio/Charging connector.** The battery takes approximately 3 hours to fully charge from empty. *During the last 5-10mins of charging your unit will occasionally complete a memory clean up and during this process it is not usable. When memory clean up is in progress the unit will display 'MEM'.*
Full Charge	FULL	When the unit is fully charged the backlight will turn off and 'Full' will appear.
Changing the Battery		Locate and press the dimple on the battery pack, twist anti-clockwise and gently pull the pack off. Reverse these steps to replace the pack.

Mounting Your CoxOrb

CoxOrbs can be supplied with a mounting cup and will also fit existing mounting cups and moulded-in holders. The spherical back allows the unit to be angled to suit the user.

Setting the Clock

To set the Time and Date start with the CoxOrb turned on in 'STOP' mode and hold the 'CLOCK' button for 8 seconds. '12hr' will flash and you can press the Volume control buttons to switch between 12 and 24-hour mode. After 3 seconds of inactivity the unit will select your chosen format and switch to flashing the next data set. Hours, minutes and the date can be set in the same way. Note that in 12 hour mode A & P are displayed to distinguish between AM and PM.

Adjusting the Microphone

The microphone arm can be bent to bring the microphone closer to your mouth. However this must be done gently and you must be careful not to make a sharp bend in the tube.

Please note that the warranty on the microphone only covers manufacturing faults. The CoxOrb must never be picked up and carried using the microphone cable. Also the microphone arm must only be gently reset to suit the user, bending it repeatedly will break it!

Frequently Asked Questions

Why does my unit sometimes take a few seconds to display rate?
The CoxOrb accelerometer can take up to 40 seconds to recalibrate if the angle of the CoxOrb is changed.

Is my CoxOrb compatible with the NK and Coxmate wiring looms we have in other boats?
Yes, CoxOrbs are fully compatible with both NK and Coxmate wiring looms.

I was charging my CoxOrb when it started flashing 'MEM', I unplugged the charger but the unit continued to flash 'MEM' for another 5 mins and then returned to normal?
During the last 5-10 mins of charging your unit will occasionally complete a memory clean up and during this process the unit is not usable. When memory clean up is in progress the unit will display 'MEM'.

The Audio/Charging connector is starting to wear out on my CoxOrb. Can I replace it?
Yes, the CoxOrb incorporates a user replaceable connector block.

How long will a battery pack last, before it needs to be replaced?
You can expect approximately 3 years life out of your battery pack.