



WIRELESS KILLCORD

Safety on board

Safety is the most important aspect of boating. If the driver should fall overboard, it is important that the boat stops. The problem with the conventional engine kill switch is that many people won't use it, because they want full freedom of movement on board. This is where CoastKey® shows its true value.

Expected survival time in water

Water temperature		Loss of dexterity (no protective clothing)	Exhaustion or unconsciousness	Expected time of survival
Degrees F	Degrees C			
32.5	0.3	Under 2 min.	Under 15 min.	Under 15 to 45 min.
32.5 to 40	0.3 to 4.5	Under 3 min.	15 to 30 min.	30 to 90 min.
40 to 50	4.5 to 10	Under 5 min.	30 to 60 min.	1 to 3 hrs.
50 to 60	10 to 15.5	10 to 15 min.	1 to 2 hrs.	1 to 6 hrs.
60 to 70	15.5 to 21	30 to 40 min.	2 to 7 hrs.	2 to 40 hrs.
70 to 80	21 to 26.5	1 to 2 hrs.	2 to 12 hrs.	3 hrs. to indefinite
80 +	26.5 +	2 to 12 hrs.	Indefinite	Indefinite

CoastKey® – wireless engine kill switch with additional features

CoastKey® primarily works as a wireless engine kill switch. If the driver falls overboard, the communication between the boat and driver is disrupted, and the engine will stop.

CoastKey® communicates wirelessly with the boat's ignition system. This allows the driver to move freely on board, with the CoastKey® device hanging around his neck or attached to clothing. In addition, the unit can control a variety of functions.



Features

Start / Stop

You can start and stop the engine(s) with the CoastKey® key unit within a radius of up to 15 meters by the push of a button. The battery in the CoastKey® key unit has a lifespan of 2-3 seasons, or up to 300 engine operating hours.

Immobilizer

CoastKey® also acts as an engine immobilizer on most engines. This is automatically activated when the ignition is switched off.

Tilt

CoastKey® can be connected to the engine tilt. This allows the engine(s) to be tilted wirelessly within a radius of up to 15 meters. Alternatively, the tilt function on the CoastKey® can control the anchor winch, engine hood, etc. The CoastKey® will control these functions wirelessly in the same way.

Signal beacon

The signal beacon is activated if the pilot falls overboard. The engine(s) will then stop, and the signal beacon will automatically be turned on.

Lock

Our electronic ignition switch is connected to the engine's ignition system. If your key unit is lost or misplaced, the engine can still be started by entering a four digit pin code.

Installing

The CoastKey® is a plug-and-play-system and is easily installed on all the most popular gasoline and diesel engines.



Recommended by professionals:

RIB-ADVENTURE AS

«As a professional user with approx. 700 hours running time per year, we in RIB-Adventure are extremely careful with the equipment we use on our boats. We have used CoastKey® since 2007 and can confirm that this works flawlessly.

CoastKey® combines safety with the ability to move freely on board without using the traditional kill cord. This makes our life on board easier and is appreciated by our pilots and customers.

Our boats are also better protected against theft, as CoastKey® also serves as an engine immobilizer.»

Roy Andersen, Rib-Adventure AS

VERY USEFUL DURING SCIENCE OPERATIONS

"We have found the wireless kill cord to be very useful during science operations on our RIB.

The 'crew' often needs to assist the scientists with deployment of instruments and sampling equipment, or by bringing divers and materials onboard. This cannot be done without leaving the steering wheel. Since we now can move around freely onboard the RIB, we don't need to worry about the safety function of a kill cord.

Most of the time the 'traditional' kill cord was not in use. The pilot was unable to move around – and the engines would shut down when trying to.»"

Dre Catrjjsse Research Infrastructure Flanders Marine Institute - VLIZ

