

Instructions

LR 2.2



N O R B E R T B R Ü G G E N

Entwicklung und Vertrieb von elektronischen
und mechanischen Bauteilen

B e n d e r s t r a ß e 3 9

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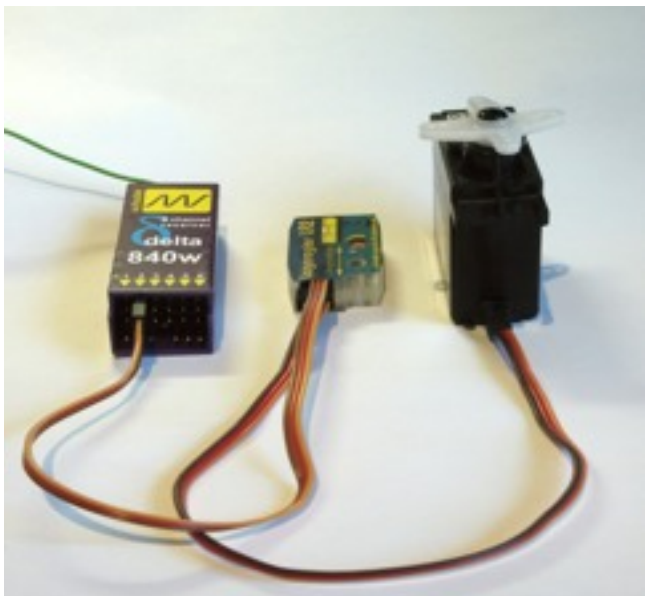
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Installation

The controller contains a sensor that measures the angle between the submarine and the horizon.

That requires a fixed installation with e.g. a screw. The marking “Längsachse“ has to be parallel to the subs longitudinal axes. It does not matter if the device lies flat or is upright.

The electrical connection is simple: The plug goes into the receiver and the servo plug into the device. The orientation of the orange or white cable is parallel to the cable at its side.



Important:

The planes reaction to moving the sub has to counteract the movement. If it steers to the same direction the controller has to be turned around in the bow stern orientation.

Pot

The pot sets the amplification, that means how many degrees plane will be caused by a certain

pitch angle of the sub. The factory preset is 100% = mid position.

Setting the horizon

The neutral position of the leveler can be set by turning the pot to the left limit for more than a second. The position at that moment is stored as horizontal.

Setting the delay filter

When setting the horizon as described, at the same moment the transmitter stick position is used to determine the delay filter. At one edge (i.e. Short pulses of 1.0ms) it is turned off, at the other set to very slow. The factory preset is middle position = small delay, which is good for all submarines besides Delfin and Akula.

