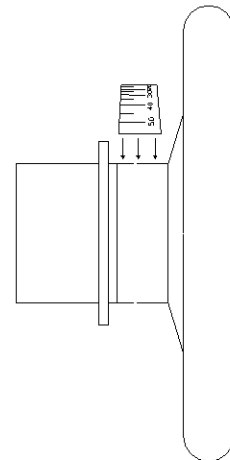


Full follow up
FFU-2000

Installation manual

1. Mechanical Installation

- a) Place the FFU-2000 in a 110 mm hole, and fasten it with 4 pieces of 6 mm bolts. Place the wheel on the FFU-2000.
- b) Turn the Wheel in to the middle position (0 degrees). 0 degrees can found by grope for the middle stop.
- c) Paste the degrees-scale on the FFU-2000. "0" must be accurate on the top.
- d) Place the connector-/switchbox on a convenient spot. There must be drilled holes in the box to fasten it.



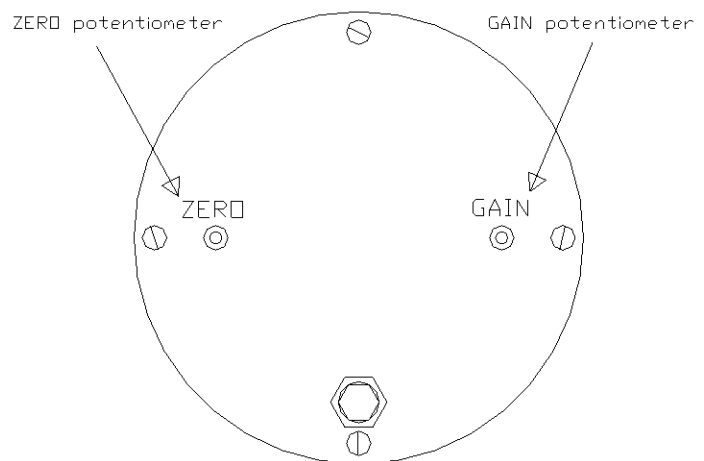
Degrees-scale on the FFU-2000

2. Electronic installation

Connect the terminals H1 – H6 in the connector-/switchbox, to terminals H1 – H6 in the auto pilot, rudder control or change over box.

3. Adjustment

a) switch on the auto pilot/rudder control, and the hydraulic system. Make sure that the rudder stop on the auto pilot/rudder control are adjusted correct. And place the switch on the switchbox in "AUTO" position, switch on the correct FFU-2000 on the change over box, or press the FFU bottom on the RC/MS unit if FFU-2000 is connect with this.



FFU-2000 from behind

b) put the wheel in position "0".

c) Adjust the "ZERO" potentiometer on back side of the FFU-2000, until the rudder indicator is showing "0"

d) Turn the wheel to "25 degrees starboard"

e) Adjust the "GAIN" potentiometer on back of the FFU-2000, until the rudder indicator is showing "25 degrees starboard"

f) Turn the wheel to "25 degrees port"

g) check the rudder indicator is showing "25 degrees port"

h) repeat point b) to g) until the FFU-2000 and the rudder indicator mats.

The FFU-2000 is now ready for use!

N.B. If the rudder goes the wrong way: Do NOT change the wires H1-H6, but instead move the jumper on the PCB inside the FFU-2000 (The FFU-2000 can be opened from the behind).