

NSERVOS. Not included with this kit.

## Construction kit "VOR1"

Your kit contains all the necessary components (except for servomotors) for building a "VOR1".

## Fine-tuning

The calibration software allows you to accurately adjust the instrument (once connected to the Central Control Unit) to the movement of the needles.

## Difficulty level

This product can be constructed without technical expertise. Care and accuracy are of utmost importance.

## What else do you need?

Three servomotors, types HS300, HS311 or equivalent, are required to make the instrument fully functional. These products can be ordered separately from the SimKits webshop or bought from any retailer of model kits. Additionally you will need some simple tools, such as a small star-shaped screwdriver, a hobby knife, some pliers, a 0.26 " ( 6.5 mm ) drill suitable for iron, a soldering iron (suitable for circuit boards), resin solder core, white model kit paint (plastic enamel), a small hammer and glue suitable for plastic model kits.

## General hints

Be very careful when using the hobby knife! You can easily hurt yourself when handling sharp objects! Take good care of the amount of glue you apply and to which areas you apply it. Glue for plastics is essentially a solvent. Excessive use can damage the exterior of the instrument.

## Preparations before construction

Check if all components are included. During packing, the contents of the construction kit have been inspected several times. Nothing should be missing. Use the hobby knife to remove any irregularities. Be careful when using the sharp hobby knife!

## Warranty

Construction kits come without a warranty!
List of components

[^0]J - Large fork
K - Large pointer
L - Faceplate
M - PCBoard
M1 - Screw
M2 - Screw
N - Indicator plate
O - Small eccentric
P - Large eccentric
Q1 - Small gearwheel
Q2 - Small gearwheel
R1 - Small tilted gearwheel
R2 - Small tilted gearwheel
S - Gearwheel cap

- Metal shaft
- Hollow brass shaft
- Light
- Insulated wire
- Sleeve
- Metal button

Z - Inbus bolt
Z1 - Inbus key


Place gearwheel Q1 over the shaft of component S. Use the soldering iron to deform the shaft of component $\mathbf{S}$ just above gearwheel Q1, in such a way
that the gearwheel can still twist freely but is not in danger of coming loose.


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[^0]:    A - Optical
    B - Front ring
    C - Upper casing
    D - Plate
    E - Lower casing
    F - Large gearwheel

    - Compass card
    - Small pointer
    - Small fork

