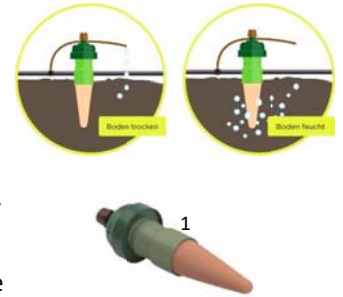




Short-Manual for the i3-Max –2-Zone Irrigation

With the **i3-Max -2-zone irrigation** the automatic irrigation can be controlled by **2 sensors**.

Product Intelligence: The central Control (main garden) consists of an adjustable earth ceramic sensor (1) with drips. If the soil substrate is dry in the area of the ceramic sensor (A), water will be sucked out of the ceramic to the soil – a vacuum arises in the ceramic cone – this vacuum opens the water flow –water flows to the dropper until the set humidity value is reached at the ceramic sensor – the water flow stops. This way the individual plants are irrigated at the roots as needed. Based on the construction of the i3-garden system and reduction of evaporative surfaces we achieve a reduction of the water consumption up to 75% without energy, electronics or timer!



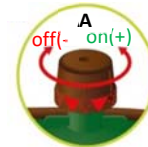
Recommendation: Setting of the zones

- **8 drips at the top via Sensor 1** (front = logo sticker, sensor position = top)
 - **8 drips in the middle via Sensor 2** (rear, sensor position = bottom)
- or
- **Sunny side via Sensor 1** (front = Logo sticker, sensor position = top)
 - **Shady side via Sensor 2** (rear, sensor position = bottom).



Assembly: *in some regions the parts are already pre-assembled- Step 3+4+6*

Step 1: Unscrew the green Sensor Heads (2) and fill the ceramic cones(3) with water. Screw the green sensor heads (2) firmly onto the water-filled ceramic cones - the earth sensor (1) must be hermetically sealed.



Step 2: Put the water-filled cones for approx. 30 minutes in water for fully moistening the ceramic.

Step 3: Open/turn the brown screw (A) on the sensor head to the left, lead the 3mm drip hose (B=100cm) through the sensor head (2) and close/turn the brown screw (A) on the sensor head to the right again.

Step 4: Cut 2 pieces (1x 15cm + 1x 7cm) from the 3mm feed hose for the connection to the drips.

Step 5: Break the sensor position (1=sunny) in the plate with a pair of scissors or a knife, cutting out the breakout points and the substrate bag **generously** so that the ceramic sensor (1) can be easily introduced.
→ **Alternatively**, the sensors can be positioned in any planting position with the adapter-lids(4).

Step 6: Connect the supply hose to the **water tank**.

Step 7: Sensor setting: Turn the brown adjustment screw (A) counterclockwise (left) - water drips out of the supply hose. Then turn the brown adjusting screw (A) slowly clockwise (right) until a drop of water remains on the supply hose (b). Now just turn the adjusting screw clockwise 1 „marker-arrow“ to the right. Attach the supply hose (B) to the 3mm control piece (F) = connecting the hose. Attach the black cap to the open end of the 3mm drip – here you can control the water flow.

Step 8: Insert the Sensors into the sensor positions (1) all the way in. Ensure good contact with the surrounding soil. Alternatively, the sensors can be placed at any planting position with the adapters(4).

TIP: With a pressure-free water connection, it is recommended to unscrew the adjustment screws on the upper dropper chain up to approx. 2 revolutions (=pressure/level compensation).

Check: After installation, the water supply should be checked for approx. 1 – 2 weeks and, if necessary, readjust by turning it to the right (+ more water) or turning it to the left (-less water). Usually a fine adjustment by ½ of the marker arrow is enough.

