Nortoft PR10-12

For SMS Mode

1. Speed = 11,1 → Const 100.
2. **M.Data 30** = 1 *(All phone numbers can send commands)*

3. B = Enter Raindancer phone number in international format.
   RD-Classic Sim-Karte: **+3197014444993**
   RD-Conekkt Sim-Karte: **+6260**
   Own Sim-Karte: **+4915251045215**
4. **M.Data 50** = 1
5. Menu Buttons → Save.
6. Check: Text Message with **STATUS** to the Nortoft Controller
   → Status Text Message reply is expected

For Internet Usage

1. Speed= 11,1 → Const 100.
2. **M.Data 30** = 1 *(All phone numbers can send commands)*
3. **M.Data 50** = 2
4. Menu Buttons → Save.
5. Check: Text Message with `("IP":"SETUP","READ":0)` to the Nortoft Controller
   → Reply should contain Serial Number („SN“:)

> If a telephone number is set up in Nortoft for SMS configuration, the SMS reply may be sent to this number and not to the mobile phone that sent the IP setup SMS. With IP, the SMS number can be deleted.

Detailed Instructions

Set the computer to the configuration mode:
Set Speed to **11,1** (use Ë/¬ Buttons) and press 3 times the **PROG**-Button. The line with "Const **100**" appears.

Step up this Value using Ë/¬ to **111** then click **PROG** again .

You now have access to the "**M.Data**" list, which you can navigate through using the **PROG** button.
Please note that not all **M.Data** numbers are available. After **M.Data 24** comes **M.Data 30**. You cannot navigate backwards, but the list starts from the beginning after **M.Data 55** [depending on the firmware version of the device].

Set the value of **M.Data 30** to **1** using the Ë/¬ buttons. This activates the GSM modem. The following entries in the **M.Data list** are called A and B and represent two telephone numbers.
A restriction to two telephone numbers (**M.Data 30 to 2**) is only permitted in SMS mode.

For Operation via IP

- Set the value of **M.Data 50** to **2** using the Ë/¬ buttons.
- Save the entries by pressing the Menu button. This will take you out of configuration mode (M.Data list) and 'Status Power On' should appear.
- The serial number is labelled on the device and must be set as the identifier for the irrigator in the Raindancer portal.
  The telephone number of the device SIM card must also be stored in the portal. As soon as the irrigator is configured and has a sufficiently good connection to the wireless network, you should be able to observe communication with the device.
- To verify this, the serial number can be requested by sending a text message to the SIM card. The device sends a reply to the message `("IP": "SETUP", "READ":0)`, which contains the serial number ("SN":).
- However, a proper function check only works if the remote control device with the serial number is assigned to the client via the client administration and an irrigator with the serial number & telephone number) has been set up. PING messages are then sent to the remote control screen every 5 minutes.

For Operation with Text Messages

- Use the Ë/¬ buttons to set the value for **B after M.Data 30** to the Raindancer telephone number in the style +491520xxxx.
  It is important that the **entry B is used**, otherwise the communication won't work.
  If you have been supplied with a SIM card, use the following telephone number depending on the SIM card.
  Raindancer SIM card: +3197014444993
  RD-Conekkt Sim-Karte: +6260

Own SIM card: +4915251045215

- Set the value of **M.Data 50 to 1** using the Ë/¬ buttons.
- Save the entries by pressing the **MENU** button. This will take you out of configuration mode (M.Data list) and something should appear **Status Power On**.
- If you send the **STATUS** command to the machine via text message the computer should send a status message to the set telephone numbers.

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