MEYTEC®

POOL
AND SPA
ACCESSORIES

ENGLISH

QUICK START GUIDE

NXG-PH

pH electrode · BNC

For pools, aquariums, hydroponics and water treatment.

This is how to use the electrode in just a few minutes. First read the safety instructions on the back.



1 In the box

- 1 × NXG-PH pH electrode with 3 m cable and BNC connector
- 1 × protective cap with storage solution KCl 3 mol/l

Available separately at meytec.eu: Calibration solution pH 4, pH 7 and pH 10, Storage solution KCl 3 mol/l, Cleaning solution, Electrode protective cap

Full user manual

Scan the QR code or **see the user manual at meytec.eu**.

Getting started

2 Connecting and first use

1. Carefully remove the protective cap from the electrode. Do not throw away the storage solution; keep the cap upright.
2. Briefly rinse the sensor with clean water (tap water or demineralised water) and shake the electrode dry. Do not rub the glass.
3. Connect the BNC connector to the pH input of your device: push and turn the bayonet ring until it clicks into place.
4. Calibrate the new electrode at 3 points (pH 7, 4 and 10). See step 3.

Sensor always wet: always refit the protective cap with storage solution after use. Never let the sensor dry out.

⚠ Do not handle the BNC connector with wet hands. Do not lay the cable next to a heavy power cable: this can disturb the measurement.

3 Calibrating

WHICH POINTS?	
3 points · pH 7, 4, 10	For a new electrode or if you have not calibrated for a long time.
1 point · pH 7	For an interim check.
2 points · pH 7 + 4 or 7 + 10	As required by your meter or controller.

1. First clean the electrode if there are deposits on it (see Care) and rinse it.
2. Open a fresh sachet or a fresh bottle of calibration solution pH 7.
3. Place the electrode in the solution and swirl gently.
4. Wait until the value is completely stable (1–2 minutes).
5. Confirm the calibration on your meter or controller, according to the manual of that device.
6. Rinse the electrode, shake it dry and go to the next point (pH 4 or pH 10).

Caution: Always calibrate pH 7 first, then pH 4 and/or pH 10. Use calibration solution only once.

4 Measuring

1. Place the electrode in the holder or measuring chamber, with the sensor fully in the water.
2. Wait until the reading is stable before you read it.
3. If the electrode is installed in a pipe: make sure there is always water around the sensor, even when the pump stops.

5 Care and storage

- Always store the electrode in the protective cap, filled with storage solution KCl 3 mol/l. Never dry and never in demineralised water: this can damage the electrode beyond repair.
- Top up the protective cap or replace the storage solution as soon as it is cloudy, old or contaminated.
- Clean the electrode with cleaning solution to remove deposits, for a maximum of 15 minutes. Do this before you calibrate.
- Store the electrode free from frost.

> **Wear:** an electrode is a consumable and wears from first use. With the right care, it lasts longer.

QUICK HELP

PROBLEM	SOLUTION
Value keeps drifting or responds slowly	Clean (max. 15 min), rinse and recalibrate. If that does not help: replace the electrode.
Calibration fails	Use a fresh sachet or a fresh bottle.
Value jumps or is illogical	Check that the connector is secure and dry.
Electrode was left dry	Place it in storage solution KCl 3 mol/l for at least an hour, preferably overnight, and recalibrate.

Does the problem persist? Contact Meytec via info@meytec.eu or +32 3 377 83 23. State the model and your order number.

Safety

Safety instructions

- An electrode is a sensitive measuring instrument: the sensor is made of glass. Do not drop it and do not knock the sensor against anything.
- Wear gloves and safety glasses when working with calibration and cleaning solution. Read the label of the solution.
- Keep out of the reach of children.
- Switch off the controller or pump before you remove the electrode from a pipe or measuring chamber.
- Do not handle the BNC connector with wet hands.
- Do not lay the electrode cable next to a heavy electrical cable (power cable): this can cause interference and disturb the measurement.

DISPOSAL AND RECYCLING

Do not dispose of the electrode with household waste. **United Kingdom:** take the electrode to your local household waste recycling centre or to a retailer that takes back electrical equipment. Liquid residues: in accordance with the label and local rules. In other countries, take the electrode free of charge to a municipal collection point or to a shop that takes back electrical and electronic equipment.

PACKAGING **Box** · PAP 21 · Paper and card **Protective foam** · LDPE 4 · Check local rules

Always follow your local council's recycling rules.

LEGAL GUARANTEE AND CE

An electrode is a consumable; your legal guarantee and statutory rights still apply. Complies with 2014/30/EU and the RoHS Directive 2011/65/EU, as amended by (EU) 2015/863. Terms and conformity: see the user manual at meytec.eu.

IDENTIFICATION

Model	**NXG-PH**
EAN	**5407007391608**
Connection	**BNC · 3 m**

MANUFACTURER

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Download the full user manual
see the user manual at meytec.eu

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Meytec NXG-PH pH electrode quick start guide · English · Version 1.0 · October 2026