HH2

Hand Held Meter

Quick Start Guide  Version 3.0

AT Delta-T Devices Ltd
LCD with 2 rows of 16 characters - used to display menus and readings

Keypad
Read: take readings
Store: save reading
Set: select menu or select option
Esc: wake meter or reject option & go back
▲ ▼: scroll
###: average

Splash proof case

25-pin D Connector for sensor connection or PC connection

Battery compartment - takes one PP3 battery
HH2 Moisture Meter

It collects data from:
- SM150T, SM150, SM200, & SM300 soil moisture sensors
- PR2, PR2 SDI-12 & PR1 Profile Probes
- ML1, ML2 & ML3 ThetaProbes
- EQ2 Equitensiometers
- WET Sensors

Getting Ready

Use the correct connector. Delta-T supply connectors or adapters for all these sensors, and can fit the correct plug when you order new sensors.
Check battery. A PP3 9V battery is required. Open the battery compartment at the back - it unclips - no tools needed. The battery only fits one way. Once connected, place battery in the compartment and refit the cover, making sure the wires are neatly tucked inside the case.

Taking Readings

1. Press Esc to wake the Moisture Meter if it is asleep.
2. Connect the sensor. The HH2 initially will assume it is an ML2 ThetaProbe in mineral soil unless you tell it otherwise using the Options, Device menu.
3. Press Read to read and display a result.
4. Press Store to store it (or Esc to not store it).
Averaging can be done after each reading (whether or not you stored it)
5. Press the hash # key once to display the previous cumulative average. (Initially “No Average” is displayed).
6. Press # again to update the cumulative average with the current reading (or Esc to back out).
7. Write down the final cumulative average if you wish to retain it.
8. To erase the cumulative average press Esc until you return to “Delta-T Devices”.

Controls

Esc: wakes or sleeps the HH2
Set: display the main Options menu from the start screen.
Set: selects an option - this may be another, lower menu.
Once options are set the HH2 remembers them.
Esc: also rejects an option and backtracks up to the previous menu.
▲ and ▼: scrolls through menu options.
#: displays the previous cumulative average
# #: updates the cumulative average with the current reading
Store: saves readings.
Set: saves options

Care

Disconnect sensor if you see the low battery warning message.
Protect the HH2 from heavy rain or immersion
Note: the availability of options depends on which sensor is selected. WET options only available if WET sensor calibration is installed.