> NODE Programmers

mm	
Ø	89
Dep.	64

DESCRIPTION:

Application
• Battery programmer for simple use residential irrigation systems
• Basic Bluetooth version

Specifics
• Number of stations:
– 1, 2, 4, or 6
• Battery-operated controller for automatic irrigation without AC power
• Battery-life indicator for battery replacement
• Waterproof enclosure seal protects against water ingress
• 3 flexible programs with 4 start times each and up to 6-hour run times
• Suspend irrigation up to 99 days during the off-season

• Easy Retrieve™ memory backs up the full irrigation schedule if ever changed
• Delay Between Stations for slow-closing valves or pump recharge
• Seasonal adjustment for quicker schedule adjustments without changing run times
• Compatible with solar panel provides maintenance-free operation
• Mounts to Hunter solenoids, pipes, flat surfaces, or inside the valve box

Electrical Specifications
• One or two 9V alkaline batteries or 1800 mAh solar panel with charging cell
• Operates DC-latching solenoids (P/N 458200)
• 30 m maximum wire runs, 1 mm^2

wire only
• Station output: 9–11 V DC
• P/MV output: 9–11 V DC
• Sensor inputs: 1
• Operating temperature: -18º ÷ 60º

Certifications
• IP68, CE

Code	Description
OPG150	1 stations 9 V 100 programmer
OPG152	2 stations 9 V 200 programmer
OPG153	4 stations 9 V 400 programmer
OPG157	6 stations 9 V 600 programmer
OPG174	1 station 9 V 100 BT programmer
OPG175	2 stations 9 V 200 BTprogrammer
OPG176	4 stations 9 V 400 BT programmer
OPG042	1 stations 100 programmer + valve 1" 9 V
OPG050	1 stations 100 BT programmer + valve 1" 9 V

Maximum distance	
Cable 1 mm^2	30 mt

WATER SAVING FEATURES

POSITION OF THE SOLAR SYNC® SELECTOR
Includes logic for the Solar Sync weather sensor. The intelligent sensor automatically adjusts irrigation based on weather conditions and allows to stop irrigation in the event of rain or frost. It is in line with many US and international water saving programs.

DELAYED ACTIVATION OF THE SOLAR SYNC
The delayed activation of the Solar Sync allows the user to allow a series of days to pass before the automatic regulation via Solar Sync comes into operation, as well as to establish a seasonal adjustment percentage to be used during this period. This allows you to temporarily perform a specific irrigation to permitt the germination or establishment of new plants without forcing the installer to return to the site to activate the Solar Sync.

SEASONAL ADJUSTMENT
This function allows quick adjustments to irrigation times via a percentage graduated scale. During the peak season set the regulation to 100%. If atmospheric conditions require less water, enter an appropriate percentage value (eg 50%) to limit watering times without having to change each station in the program. This model offers two different ways of using Seasonal Adjust to limit water consumption: Global and Daily. Seasonal adjustments can be made manually with the controller dial or automatically with a connected Solar Sync smart sensor.

PROGRAMMABLE CLICK DELAY
It allows the user to delay scheduled irrigation for a certain period of time at the end of a Click event (for example after a storm). At the end of the programmed Click Delay period, the controller will restore the normal watering schedule.

CYCLE AND ABSORPTION
The Cycle and absorption option divides the station irrigation time into smaller irrigation segments, with a delay before performing further irrigation. In this way, waste and runoff can be prevented. The programmer can activate other stations during the absorption period, for a rational time scan.

DIAGNOSTIC FEATURES

QUICKCHECK™

QuickCheck is a diagnostic mode that can automatically detect shorts in wiring based on the station number.

AUTOMATIC PROTECTION AGAINST SHORT-CIRCUITS

It detects tastes in the wiring and excludes faulty stations, to avoid damage to the controller. Allows you not to interrupt irrigation with stations that work properly.

REAL-TIME FLOW MONITORING

With a connected flowmeter, it allows the controller to recognize high or low flow conditions, automatically react to alarms and generate overall flow reports. Failed stations are logged for repair and the controller continues to water with the next station.

ADVANCED AND SPECIAL FEATURES

PROGRAMMING SPECIFIC DAYS OF NON-IRRIGATION

It allows you to stop irrigation on certain days of the week, regardless of the type of programming. Ideal functionality for weekly mowing days or other scheduled events.

TOTAL OPERATING TIME CALCULATOR

Calculates the total duration of a program, based on the run times of all connected stations. Useful for calculating the end time of a program.

PROGRAMMABLE DECODERS

For greater simplicity and reliability, each decoder is programmed with its respective number of effective stations (valves). If desired, the decoders can be reprogrammed at any time. Hunter decoders do not require long serial numbers.

GROUPS / BLOCKS OF CONTEMPORARY STATIONS

Ability to group stations into larger irrigation units that operate simultaneously within the automatic programs. This allows you to consolidate large systems into fewer items to program and allows you to control their flow rate in high capacity installations.

SENSOR PROGRAMMABILITY

Ability to specify which program or stations will be stopped in response to a specific sensor alarm. Allows stations or programs not affected by the sensor to continue automatic operations.

DELAY BETWEEN STATIONS

Delay in irrigation between the individual stations as the programmer activates them in sequence. The delay can vary from a few seconds, to allow slower closing valves to stop, to much longer times to allow storage tanks, etc. to recharge.

MULTILINGUAL PROGRAMMING

Users can choose to program Hunter controllers in different languages.

Landscape