

# PRO EX 2.0

## Modular Irrigation Controller



This uniquely configured irrigation controller can be operated in 3 different modes: conventionally, remotely and WiFi enabled.

### CONVENTIONAL CONTROL

As a conventional controller the PRO Ex 2.0 has the largest backlit display on the market. Full program display of watering days, number of start times, number of stations and specialized programming are easily viewable. The Program Display quickly provides a rundown of the entire system and is visible on one screen.

### REMOTE CONTROL

Simply add the RF module with short range antenna, long range antenna and handheld remote. Now the homeowner or contractor can remotely operate the controller without being directly in front of the display. Contractors can check on their clients' controllers and make modifications without the homeowner being present and requiring direct access to the controller inside the property.

### WiFi CONTROL

As a WiFi enabled controller, the Pro EX 2.0 becomes operational from anywhere in the world via smartphone, tablet or web browser. To upgrade to the WiFi mode simply add the WiFi Hub and RF Module with short range antenna. iOS and Android apps are free and the programming is straightforward. Access to the controller is easily shared with the contractor without the fear of losing home security. Contractors can manage up to 400 accounts.

HANDHELD  
REMOTE  
CONTROL



RF MODULE



EXTENDED RANGE  
ANTENNA KIT

EXPANSION  
MODULE



WiFi HUB



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## Features and Benefits

- **Hot-Swappable 4 Station Modules** – Simple controller upgrades from 4 to 16 stations while controller is in operation.
- **Large Backlit LCD Screen** – Permits maximum viewing for all installations.
- **Flow Sensor Ready**
- **AM/PM or 24 Hour Clock Settings** – Allows user to choose the time format desired.
- **Full Program Screen Display** – Watering days, number of start times, number of stations and special programming.
- **Flexible Operation** – Manual or remote operation.
- **System Test** – Allows a full system check for valve operation.
- **Manual Start** – Allows manual program operation at the push of a button.
- **Wire Management System** – Vertical station terminal strips allows full use of cabinet.
- **Permanent Memory** – Non-volatile memory saves program during power outages.
- **Remote Programming** – 4 AAA batteries allow for remote programming and LCD viewing.
- **Wireless Module Connector** – Allows for optional installation of wireless communication.
- **Diagnostic Circuit Breaker** – Identifies and isolates stations with valve or wiring problems while remaining program continues.
- **Advanced Diagnostic** – Visual and/or audible alerts when programming errors or other conditions have been detected and are preventing operation.
- **Locate Feature** – Aids in locating buried valves in the field.
- **Station Delay/Overlap** – Permits additional time between stations or dual operation for everyday hydraulic issues like well recovery, slow closing valves and water hammer.
- **Rain Sensor Ready** – Programming of individual station(s) operation can be controlled by sensor.
- **Sensor Bypass Switch** – Global override of active sensor for all stations.
- **Master Valve/Pump Start Ready** – Programming for individual station(s) operation as needed.
- **Valve Test Terminal (VT)** – Quick & easy matching of field wires with station during installation.
- **Dedicated Sensor Terminals** – Enables direct sensor installation for maximum watering control.
- **Default Programming** – Allows program to be saved and recalled without having to reprogram.
- **Permanent Day Off** – Set any day of the week, regardless of programming, as a non-watering day.
- **Seasonal Adjust** – Quick, easy global adjustment of watering times from 10-200% conserves water.

## Specifications

### OPERATING SPECIFICATIONS

- Station Run Times: 1 second to 6 hours for all stations
- Number of Programs: 3
- Number of Automatic Start Times: 4 per program
- Program Watering Schedules:
  - Custom (day of the week), Interval (1-31 days),
  - Odd (odd calendar days), Even (even calendar days)

### ELECTRICAL SPECIFICATIONS

- Power Input: 110V AC  $\pm$  10% 60Hz, 240V AC  $\pm$  10% 50Hz
- Power Output: 24V AC 1.25Amp
- Power Backup: Lithium coin-cell battery maintains time and date during primary power outages while the 4 AAA batteries allow for remote programming and LCD viewing.
- Multi-Valve Operation: Up to 3 24V AC, 7VA solenoid valves.

### DIMENSIONS

- Height: 7 3/4" (19,6 cm)
- Width: 10" (25,4 cm)
- Depth: 5" (12,7 cm)

## Models

- |                   |   |
|-------------------|---|
| <b>3202</b>       | Pro EX 2.0 base unit with 4 station expansion module, 115 VAC internal transformer                    |
| <b>3202ID</b>     | Pro EX 2.0 indoor base unit, 4 station expansion module, 110V AC plug pack transformer                |
| <b>3202-P</b>     | Pro EX 2.0, modular controller, with pigtail, 115 VAC internal transformer                            |
| <b>3202-220</b>   | Pro EX 2.0, modular controller, 220 VAC internal transformer  |
| <b>3202ID-220</b> | Pro EX 2.0 indoor base unit, 4 station expansion module, 220V AC plug pack transformer                |
| <b>3203</b>       | Pro EX 2.0 handheld remote w/batteries  |
| <b>3203-KIT</b>   | Handheld remote w/batteries, RF module with short distance antenna, long range antenna, coaxial cable |
| <b>3205</b>       | Pro EX 2.0, 4 station expansion module  |
| <b>3206</b>       | RF module w/short distance antenna  |
| <b>3207</b>       | Extended range antenna kit  |
| <b>3209</b>       | WiFi Hub for Pro Ex 2.0 Controller  |