

# PRO EX 2.0

## Modular Irrigation Controller



Now available with Remote Control, short or long range, for ease of use and increased productivity on every job.

The K-Rain Pro EX 2.0 Modular Irrigation Controller can be easily expanded from 4 to 16 stations. The largest backlit display on the market, user-friendly programming and responsive touch pad takes the Pro EX 2.0 to a whole new level for irrigation controllers.

The new remote capability expands irrigation control right in your hand:

- Short range: 500' (line of sight)
- Long range: 1000' (line of sight)
- Zone and run time indication
- Zone run time count down
- Visual confirmation of remote controller connection
- Establish your run time per zone up to 6 hours



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## PROEX 2.0 MODULAR IRRIGATION CONTROLLER

- **Hot-swappable 4 Station Modules** – allows simple controller upgrades from 4 to 16 stations while controller is in operation
- **Large backlit LCD Screen** – Permits maximum viewing for all installations
- **AM/PM or 24 Hour Clock Settings** – Allows user to choose the time format that is most desirable
- **Program Display** – Full program screen display of 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** – is made easy with vertical station terminal strips allowing full use of the 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 allowing remaining program to continue
- **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 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** – Allows programming of individual station(s) operation to be controlled by sensor
- **Sensor Bypass Switch** – Global override of active sensor for all stations
- **Master Valve / Pump Start Ready** – Permits programming for individual station(s) operation as needed
- **Valve Test Terminal (VT)** – Quick and 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 the controller
- **Permanent Day Off** – Set any day of the week, regardless of programming, as a non-watering day
- **Seasonal Adjust** – Conserves water by allowing quick and easy global adjustment of watering times from 10-200%

## Dimensions

- Height: 7.75"/19.6 cm
- Width: 10"/25.4 cm
- Depth: 5"/12.7 cm

## 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: 115VAC  $\pm$  10% 60Hz, 230VAC  $\pm$  10% 50Hz
- Power Output: 24VAC 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 three 24VAC, 7VA solenoid valves

## Models

- |                 |  |
|-----------------|--|
| <b>3202</b>     | Pro EX 2.0 base unit with 4 station expansion module, 115 VAC internal 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>3203</b>     | Pro EX 2.0 handheld remote w/batteries   |
| <b>3203-KIT</b> | Pro EX 2.0 handheld remote w/batteries. RF module with short distance antenna. Extended range antenna kit. |
| <b>3205</b>     | ProEX 2.0, 4 station expansion module  |
| <b>3206</b>     | RF module w/short distance antenna   |
| <b>3207</b>     | Extended range antenna kit   |