



RAIN ***BIRD***®

Complete Golf Control Systems

Satellite, Decoder and IC Systems



CirrusPRO™ — Mobile-First Irrigation Control System

Control your irrigation right from the course and watch your updates happen in real time with the latest in golf course irrigation. CirrusPRO offers a state-of-the-art control system with an intuitive user interface (UI) and precise water management features so you'll be ready for whatever the day brings.

Irrigation that Goes Where You Go

CirrusPRO is the only mobile-first irrigation control system on the market, and engineered to help you water smarter with the high level of performance you've come to expect from Rain Bird.



More Freedom: Add unlimited users, choose from multiple languages, select which map layers are visible and adjust settings for multiple stations at the same time—from anywhere, on any device.



Better Data: Feel confident and irrigate with precision using a secure system that provides up-to-the-minute data, actively monitors course conditions with APIs like Rain Watch™ and Smart Weather™ and notifies you when there's an issue.



Complete Control: Program your irrigation by seconds, volume, rotation or application, and configure the home screen to display the information most pertinent to your role.



Top Benefits

1. **Manual irrigation via map** for quick and accurate searching.
2. **Pinpoint current exact location** to irrigate nearby with ease.
3. **Map layers** show high-level information. Check station adjustments, cycle and soak, remaining runtime, nozzle color, irrigating and more.
4. **Station window** shows many features like time remaining on a station, diagnostics and allows for the easy execution of irrigation actions like starting, stopping, pausing and resuming.
5. **Ability to irrigate in any application, rotation, ET and runtime** so users can best determine the optimal way of watering and see what stations are getting watered more than others.
6. **Multi-station selection** allows users to complete tasks in fewer clicks. Instantly go into multi-select mode to edit as many stations as needed or view diagnostics.
7. **High-level information dashboard** displays key info in minutes including: map, weather forecast, weather station, pump, Rain Watch™, water summary, Flo-Graph™, calendar and most recent activity.
8. **Dryrun™** enables users to see what programs and stations will run in an irrigation event after making edits to the programs—allowing for more adjustments as needed.
9. **Remaining runtime on a map** to see how much longer a station is running and when it will end—valuable when stations are running but play is approaching.
10. **View the last time a station was irrigated** from the station window and save water by checking how recently dry spots have been addressed.
11. **Select and run diagnostics** of any IC station's voltage or status from the map, and view history.
12. **Search and select what program a station is in** via the station window map, to ensure that no station is getting overwatered.

Achieving Unmatched Results in Irrigation Control

Rain Bird® Central Control Systems are designed to provide real-time irrigation access on and off the course from any mobile device. Unlimited user access gives your team greater irrigation management collaboration. And with Timeless Compatibility™, every Central Control will work with any Rain Bird control system—whether it be IC, decoder or satellite.



Central Control

Maximum Hustle, Minimum Hassle

Take all the guessing out of irrigation control with Rain Bird. The smart system software will improve turf playability, reduce labor and utility costs and safeguard your investment.

Mix and Match Field Hardware

The software operates exactly the same regardless of what hardware is on the course. With Rain Bird's Hybrid Software feature, you can mix and match field hardware on the course with the same central control.

Optimize Irrigation Efficiency

Fine-tuning daily runtimes for your irrigation system should not take long—and with Rain Bird, it's easy. Simply change individual station runtimes and Dynamic Flo-Manager® will instantly recalculate the nightly watering cycle and re-optimize the entire course's irrigation programs.

Automatic Pump Station Response

Through the industry-leading SmartPump™, Rain Bird's central is integrated with the Rain Bird station to monitor flow and automatically adjust the number of sprinklers in operation to ensure the system is running at maximum efficiency. If there's a pipe leak, pipe break or pump failure, Rain Bird's central will respond immediately—notifying you and, if you choose, stopping irrigation.

Minimum Water, Maximum Efficiency

Dynamic Flo-Manager can help increase system life expectancy and save money by taking strain off aging pipe networks. The real-time, two-way communication between the central, the pump station, field hardware and field inputs—such as weather sensors and flow sensors—ensures that the central is always active, in control and minimizing water and electrical usage.



Complete Control, From Anywhere

Your course's irrigation has always been in your hands. Now it literally is with CirrusPRO™ Irrigation Control System. Securely adjust your irrigation settings right from the course and watch updates happen in real time all from your mobile device. No matter what the day brings, you'll be ready with CirrusPRO.

Save time with a mobile-first irrigation control system:
rainbird.com/CirrusPRO





IC System™

Rain Bird's most technologically advanced system to date has revolutionized the golf irrigation industry by directly linking rotors and valves to the central. Add sensors using IC CONNECT™ to enhance how you manage your course. With Integrated Control sensor inputs, information is easily connected and non-irrigation products are turned on and off.

Intelligent Control and Proactive Diagnostics

Irrigate with great precision using pinpointed diagnostics from the IC System. Two-way Integrated Control Technology is built into the IC Module at the rotor and valve, meaning a microprocessor is constantly monitoring voltage and other parameters at every station on the course. In just 45 seconds, you'll get real-time updates on over 1,000 stations. By resolving issues quickly, you can prevent turf damage, save on water and labor costs and ensure your course is always looking its best.

Faster Install and Expansion

Rain Bird®IC+ allows for a new and less disruptive way to renovate or expand your existing Rain Bird two-wire satellite irrigation by adding the IC System.

Environmental Sustainability

Because the amount of wire is reduced by up to 90%, environmental impact is minimized. Compared with a satellite system, calculations show that installing an IC System on an 18-hole course with 1,400 sprinklers can save up to 9 tons of copper. Hundreds of tons of raw materials are needed for each ton of copper, so the positive impact on the environment is dramatic.

Aesthetically Pleasing

Course aesthetics are improved by eliminating satellites and keeping everything underground, which makes the system resistant to vandalism, flooding and insect damage.





Decoder Systems

Rain Bird pioneered leading decoder technology for more than three decades. Thousands of courses worldwide have and continue to use Rain Bird decoder systems.

Economical Alternative for Irrigation Control

Installed underground with simple, low-cost wiring, decoders are an aesthetically pleasing and economical option for reliable in-field control.

Simple, Reliable Control

Essentially, decoders are underground switching devices that operate on a two-wire path. They eliminate the need for field satellites, reducing the amount of wire needed, improving aesthetics and preventing damage associated with vandalism or floods.

Ideal for Block Irrigation Systems

Users can choose between single-head control or block-station control to easily decide their level of irrigation control sophistication.

Expand with Ease

Expansion is as easy as splicing into the two-wire path to add additional decoders.

Satellite Systems

Rain Bird's PAR+ES Field Satellites have set the industry standard for quality and durability. They continue to raise the bar in satellite technology with real-time communication.

The Versatility to Fit Your Needs

Rain Bird satellites are extremely versatile and can be expanded up to 72 stations. Get live communication from the central via a two-wire path or robust LINK radio communication.

Durably Designed to Take on More

Easy-to-install, impact-resistant plastic pedestals include completely enclosed electronics with industry-leading protection against the elements.

The Industry's Only Integrated Course Control

Bring the intelligent IC System to your satellite course with game-changing innovation of the Integrated Control Interface Plus (ICI+) and ICI+LINK. Simply update your existing PAR+ES Controllers with the IFX Satellite Board* to add the IC System. Extend the life of your current system without a complete overhaul.

* The IFX Satellite Board is standard in all Rain Bird PAR+ES Satellites manufactured after 12/22/2019 and is compatible with all PAR+ES, PAR+ and MSC+ Satellites.

IFX
CONNECTED



Feature Flexibility

- Real-time decision making with intelligent response
- Hybrid option—mix satellites, decoders and IC System components on the same golf course
- Dynamic Flo-Manager®
- SmartPump™
- Rain Watch™
- Easy-to-program and easy-to-use with QuickIRR™ and QuickStart™
- Smart Sensors™
- Smart Weather™ with 7-day ET Spreadsheet™ and Rain Bucket™
- Cycle & Soak™
- Temporary Station Adjust

Rain Watch Delivers **AUTOMATIC INTELLIGENT RESPONSE TO RAINFALL**

How does Rain Watch work?

Follow the steps of the example to the right to see how Rain Watch saves water by automatically adjusting runtimes following a rainfall event.

- 1 THE IRRIGATION SCHEDULE IS SET**
Your daily irrigation schedule calls for 0.20 inches (5.1 mm) of precipitation.
- 2 UNEXPECTED RAINFALL OCCURS**
A storm begins and once accumulated rainfall reaches your desired threshold, Rain Watch suspends irrigation.
- 3 THE RAINFALL EVENT ENDS**
The storm has put down 0.11 inches (2.8 mm) of water—not enough to meet your desired application for the night.
- 4 AN INTELLIGENT RESPONSE**
The Rain Bird software automatically adjusts all remaining runtimes for active stations 0.9 inches, as well as those stations yet to run.
- 5 INTEGRATED WATER SAVINGS**
Natural precipitation is seamlessly integrated into scheduled irrigation, resulting in water savings of 0.11 inches (2.8 mm).

For a golf course with 60 acres (27 ha) of irrigated turf, this represents a savings of up to 179,000 gallons (678 m³) of water in one nightly watering cycle while delivering the desired amount of water.



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