Rain Bird Golf Central Control

The Right Level of Control — Right Now.

All Rain Bird golf products are designed to make it easier for you to maintain exceptional playing conditions throughout your entire course — and it all starts with your central control. Choose a Rain Bird® Central Control System to intelligently manage your irrigation, and you'll enjoy three critical benefits that other manufacturers don't offer:
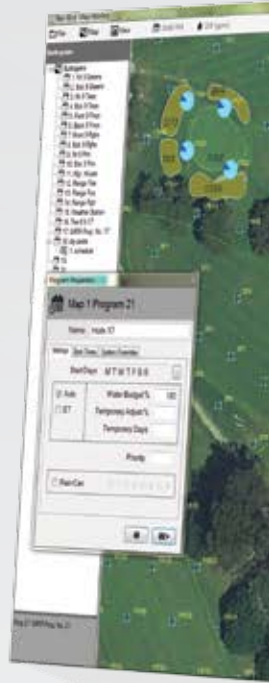
TIMELESS COMPATIBILITY™

Every Rain Bird golf irrigation product is engineered with timeless compatibility in mind, meaning your central control will work with any existing Rain Bird product you've already installed, as well as future Rain Bird technologies.

REAL-TIME RESPONSE

Only Rain Bird Central Control Systems offer continuous two-way communication throughout your system. By receiving data and making instant adjustments when needed, it protects your course from damage if a major issue ever occurs.

EASY TO USE

Intuitive Rain Bird Central Control Systems make it easier to put advanced data and leading-edge technology to work for your course, from a guided startup with our QuickStart™ program to quick and easy program building through QuickIRR™ programming.

Options to Fit Any Course.

With over 80 years of experience in the golf industry, we know that no two courses are the same. We offer flexible central control options that are compatible with any field control requirements, and work with you to find the solution that best fits your unique challenge.

Central Control

- Cirrus™
- Nimbus™ II
- Stratus™ II
- StratusLT™

+

Compatible Field Control

- Radio Communication
- Satellites
- Decoders
- IC System™
- MI Series™ Mobile Controller
- The FREEDOM System™
- Integrated Sensor System™

Cirrus™

Specifications

Map-Based Control	Up to 3 Courses (54 Holes)
Programs	Unlimited
Schedules	Up to 50 per Program
Interfaces	Up to 12
Satellite Stations	Up to 32,256
IC™ Stations	Up to 36,000
Pump Stations	Up to 6
Weather Stations	Up to 5

As our most advanced central control product, Cirrus serves as the brains for many of golf's most sophisticated irrigation systems. By combining computer-aided design with GPS geo-referenced images and state-of-the-art ET-based scheduling, it delivers all the most innovative features that highly-demanding courses expect.

"Rain Bird Central Control is very simple and easy to navigate, all while giving you the ability to micromanage water and create intricate new programs on the fly."

Ryan Tuxhorn
Golf Course Superintendent
Somerset Hills Country Club

Standard Features

- **Hybrid Communication (Up to 12 interfaces)** – Use any combination of field hardware to control irrigation specific to your course requirements.
- **RainWatch™** – Active rainfall monitoring and automatic user-defined irrigation responses dynamically deliver exact application rates and reduce water use—all during an irrigation cycle.
- **SmartPump™** – 24/7 pump station monitoring allows you to automatically modify irrigation demand based on your actual pump data, increasing your pump station efficiency and protecting your entire hydraulic system.
- **Flo-Manager®** – With real-time flow management, Flo-Manager delivers maximum watering flexibility, reducing wear on your pump station and minimizing your water window.
- **Temporary Station, Schedule and Program Adjust** – Fine-tuned adjustments can be made on individual stations, programs and schedules to resolve temporary irrigation needs.
- **Quick IRR™ and Simple IRR™** – Intuitive programming makes building irrigation programs simple and quick.
- **Smart Weather™** – Automatically adjust your system based on real-time weather events and daily evapotranspiration (ET) measurements for precision irrigation and less waste.

Nimbus™ II

Specifications

Map-Based Control	Up to 3 Courses (54 Holes)
Programs	Unlimited
Schedules	Up to 50 per Program
Interfaces	Up to 8
Satellite Stations	Up to 21,504
IC™ Stations	Up to 24,000
Pump Stations	Up to 6
Weather Stations	Up to 5

Combining advanced features with simple administration, Nimbus II is a good choice for courses that want to save time and effort while maintaining premier playing conditions. ET-based scheduling and advanced flow management ensure users get the most from every drop of water.

Standard Features

- **Hybrid Communication (Up to 8 interfaces)** – Use any combination of field hardware to control irrigation specific to your course requirements.
- **RainWatch™** – Active rainfall monitoring and automatic user-defined irrigation responses dynamically deliver exact application rates and reduce water use—all during an irrigation cycle.
- **Flo-Manager®** – With real-time flow management, Flo-Manager delivers maximum watering flexibility, reducing wear on your pump station and minimizing your water window.
- **Temporary Station, Schedule and Program Adjust** – Fine-tuned adjustments can be made on individual stations, programs and schedules to resolve temporary irrigation needs.
- **Quick IRR™ and Simple IRR™** – Intuitive programming makes building irrigation programs simple and quick.
- **Smart Weather™** – Automatically adjust your system based on real-time weather events and daily evapotranspiration (ET) measurements for precision irrigation and less waste.

"The flexibility in Rain Bird Central Control allows us to easily adjust watering on each station according to daily needs. When I need it for new sod or dry spots, I can quickly create a program to water any combination of stations throughout the course."

Mark Hopkins
Assistant Superintendent
Club Laval-sur-le-Lac

Upgrade Option +

SmartPump™ – 24/7 pump station monitoring allows you to automatically modify irrigation demand based on your actual pump data, increasing your pump station efficiency and protecting your entire hydraulic system.

Stratus™ II and StratusLT™

The Stratus platform is an excellent choice for simple time- or ET-based scheduling. With Stratus, you can start with the basics any course needs to efficiently maintain lush conditions on any course, or upgrade to advanced features if you want more sophisticated irrigation management.

Standard Features

- **Hybrid Communication (Up to 2 interfaces with Stratus II)** – Combine two different field interfaces for added flexibility when controlling irrigation specific to your course requirements.

- **RainWatch™** – Active rainfall monitoring and automatic user-defined irrigation responses dynamically deliver exact application rates and reduce water use—all during an irrigation cycle.

- **Flo-Manager®** – With real-time flow management, Flo-Manager delivers maximum watering flexibility, reducing wear on your pump station and minimizing your water window.

- **Temporary Station, Schedule and Program Adjust** – Fine-tuned adjustments can be made on individual stations, programs and schedules to resolve temporary irrigation needs.

- **Quick IRR™ and Simple IRR™** – Intuitive programming makes building irrigation programs simple and quick.

- **Smart Weather™** – *(Stratus II only)* Automatically adjust your system based on real-time weather events and daily evapotranspiration (ET) measurements for precision irrigation and less waste.

Specifications

	Stratus II	StratusLT
Map-Based Control	Up to 2 Courses (27 Holes)	Up to 18 Holes
Programs	500	250
Schedules	Up to 25 per Program	Up to 25 per Program
Interfaces	Up to 2	–
Satellite Stations	Up to 5,376	Up to 672
IC™ Stations	Up to 6,000	Up to 750
Pump Stations	Up to 6	Up to 2
Weather Stations	1	1 (WS-PRO LT only)

Upgrade Options

SmartPump™ – 24/7 pump station monitoring allows you to automatically modify irrigation demand based on your actual pump data, increasing your pump station efficiency and protecting your entire hydraulic system.

Additional Wire Groups – (*Stratus II only*)

Central Control Comparison Chart

Feature	Cirrus™	Nimbus™ II	Stratus™ II	StratusLT™
Features				
Real-time decision making	✓	✓	✓	✓
Radio communication option	✓	✓	✓	✓
Works with Rain Bird Integrated Control™ System (ICS)	✓	✓	✓	✓
Works with all Rain Bird satellites	✓	✓	✓	✓
Works with Rain Bird decoders	✓	✓	✓	✓
Works with Rain Bird MI Series™ Mobile Controller	✓	✓	✓	✓
Works with The FREEDOM System™	✓	✓	✓	✓
Maximum number of interfaces - Hybrid (same or mix)	12	8	2	1
Number of ICS™ wire groups (paths) standard	4	4	1	1
Maximum number of ICS™ stations	36,000*	24,000‡	6,000‡	750
Number of 2-wire satellite wire groups (paths) standard	4	4	2	1
Maximum number of 2-wire satellite wire groups	48**	32**	8**	1
Maximum number of 2-wire satellite stations	32,256**	21,504**	5,376**†	672
Maximum number of wireless satellite stations	32,256**	21,504**	5,376**†	672
Number of decoders/solenoids standard	500/1,000	500/1,000	500/1,000	200/400◊
Maximum number of decoders/solenoids	6,000/12,000 Δ	4,000/8,000 Δ	700/1,400 Δ	300/600 with LDI
Number of simultaneously active decoder solenoids per interface	40/LDI	40/LDI	40/LDI	15/SDI
Maximum number of weather stations	5	5	1	1 (WS-PRO LT only)
Maximum number of pump stations	6	6	6	2
Programming				
Standard/QuickIRR™/SimpleIRR™	✓	✓	✓	✓
Number of courses	3	3	2	1
Number of holes	54	54	27	18
Number of Flo-Zones™	999	999	999	999
Programs	Unlimited	Unlimited	500	250
Schedules	50 per program	50 per program	25 per program	25 per program
Irrigation programs - active simultaneous	50	50	20	10
Temporary Program adjust	✓	✓	✓	✓
Temporary Schedule adjust	✓	✓	✓	✓
Temporary Station adjust	✓	✓	✓	✓
Software Features				
Flo-Manager® - Dynamic Power and Hydraulic Optimization	✓	✓	✓	✓
Flo-Guard™	✓	✓	✓	✓
ET Management (Fully Automatic)	✓	✓	✓	✓
ET-Based Scheduling - Irrigation by Volume	✓	✓	✓	✓
Minimum ET Operation	✓	✓	✓	✓
ET Spreadsheet™ Analysis	✓	✓	✓	✓
Rain Bird® MI Series Mobile Controller	✓	✓	✓	✓
Advanced IC™ diagnostics with pinpoint accuracy	✓	✓	✓	✓
Wireless satellite radio diagnositcs	✓	✓	✓	✓
Comprehensive decoder diagnostics	✓	✓	✓	✓
Real-Time Operation Log	✓	✓	✓	✓
Report Generation	✓	✓	✓	–
Water budgeting 0-300%	✓	✓	✓	✓
Rain Bucket™ - accumulated rainfall allowance	✓	✓	✓	✓
Rain Sensor	✓	✓	✓	✓
Rain Watch™ - respond and use rain events immediately	✓	✓	✓	✓
QuickStart™ - system setup ands run irrigations in minutes	✓	✓	✓	✓
Help Screens	✓	✓	✓	✓
Course Monitor™	✓	✓	✓	✓
Hole View	✓	✓	✓	✓
DryRun™ - projected flow and runtimes	✓	✓	✓	✓
Course View™ - map based graphical view of course	✓	✓	✓	✓
Import GPS, CAD, and/or Aerial photos	✓	✓	✓	✓
Virtual Monitoring and Control - area	✓	✓	✓	✓
Virtual Monitoring and Control - individual stations	✓	✓	✓	–
Smart Weather™ - monitoring and alarms	✓	✓	✓	–
Precipitation Data	✓	✓	✓	✓
Rotor Data	✓	✓	✓	✓
Cycle + Soak™	✓	✓	✓	✓
Smart Weather™	✓	✓	✓	✓
Multiple Weather Stations	✓	✓	✓	–
Hybrid - System expansion with additional interfaces (same or mix)	✓	✓	✓	–
Station Layers - Map/Operations	✓	✓	✓	–
Rain Bird Messenger - email alerts	✓	✓	✓	✓
Smart Pump™	✓	Keycode Module Option	Keycode Module Option	Keycode Module Option
Additional Wire Groups (path) - expand from standard	✓	✓	Keycode Module Option	–

*With additional ICS(s)   **Possible with Hybrid Module and additional MIM™(s)   †Possible with Hybrid Module and additional Wire Groups Module(s)
‡Possible with Hybrid Module and additional ICI(s)   ΔPossible with Hybrid Module and additional LDI(s)   ◊Possible using a LDI instead of Standard SDI.

Rain Bird® MI Series™

With Rain Bird MI series software, you can control sprinklers, adjust programs, run diagnostics, edit station and program details, and review system activity by accessing your Rain Bird Central Control using any web-enabled tablet or smart phone. Use up to nine devices simultaneously, and manage your central control to your needs.

Get more information about Rain Bird® Central Control products at **rainbird.com/GolfCentralControl**.

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