

Integrated Control Interface Plus (ICI+)

Access the Latest Technology without a Major Overhaul

Applications

With the ability to bring together Rain Bird's intelligent IC System™, Two-Wire Satellites and LINK (wireless) Satellites, the Rain Bird® ICI+ is the industry's first integrated interface. This revolutionary interface is ideal for phased-in renovations or expansions, offering a less disruptive and more economical way to add the IC System and IC sensor devices (IC CONNECT™) to an existing Rain Bird Satellite System.

Features and Benefits

Flexible Expansion

- Easily expand or renovate your current satellite system by tapping into the closest satellite MAXI™ Cable and adding IC Rotors and Valves, as well as IC CONNECT devices
- Directly control both satellites and the IC System on one wire path
- ICI+ and ICI+LINK are compatible with Rain Bird IC Systems, Two-Wire Satellites and LINK™ Satellites¹
- Get the latest technology by building off of your current Rain Bird Satellite System
 - Simply swap interface boards in any Rain Bird MSC+, PAR+ and PAR+ES Satellites²
 - Add IC Rotors, IC Valves and IC CONNECT to the existing MAXI Cable

IC CONNECT Capabilities

- IC-IN and IC-OUT devices can be used to go beyond irrigation, collecting data from multiple sensors and turning non-irrigation products or equipment on and off

Timeless Compatibility™

- Easily extend the life of an existing satellite system and gain the capabilities of an IC System without the need for a major renovation



HOW TO SPECIFY		
ICI+	—	XXX
MODEL		POWER (Two-Wire Model Only)
ICI+ = Two-Wire		100=100 VAC
		120=120 VAC
		230=230 VAC
ICI+LINK = Wireless		

Specifications

Model	A		+	B		≤	C		D	
	IC System Capacities			Satellite Capacities			IC/Satellite Capacities*		LINK Satellite Capacities**	
	Max Wire Groups	Max ICMs		Max Wire Groups	Max Stations		Max Wire Groups	Max Stations	Max Wire Groups	Max Stations
ICI+	4	3000		4	2688		4	3000	—	—
ICI+LINK	—	—		—	—		—	—	4	2688
ICI+LINK & ICI+ Driver Board	2	1500		2	1344		2	1500	4	2688

*In a system that includes both ICMs and Satellites, the total number of stations must not exceed those indicated by table C. ** Total Interface capacity equals Maximum Combined ICM and Satellite Stations plus LINK Satellite Stations (total of table C + table D).

1. Only the ICI+LINK is compatible with LINK Satellites. For LINK and Two-Wire hybrid capabilities with an ICI+LINK, the ICI+ Two-Wire Driver Board is sold separately. 2. 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. To add the IC System to an ICI+LINK with LINK Satellite System, simply install an ICI+ Two-Driver Board (sold separately), connect the MAXI Cable to the interface, then add IC Rotors, IC Valves or IC CONNECT devices to the MAXI Cable.

Specifications *(continued)*

ICI+ Electrical Specifications

- **115 VAC:** Nominal 98-132 VAC
- **220-240 VAC:** Nominal 208-255 VAC
- **100 VAC:** Nominal 91-110 VAC

Maximum Wire Paths

- **CirrusPRO™:** Unlimited
- **Cirrus™:** 12 interfaces, 48 wire paths
- **Nimbus™ II:** 8 interfaces, 32 wire paths
- **Stratus™ II:** 2 interfaces, 8 wire paths³
- **StratusLT™:** 1 interface, 1 wire path

Wire Path Sizing

- Follow the "Rain Bird IC System™ Design Guide" for wire path sizing

Satellite Compatibility

- ICI+ and ICI+LINK compatible with Rain Bird MSC+, PAR+ and PAR+ES Satellite models²

IC/Satellite Integrated System

- CirrusPRO™, Nimbus II or Cirrus, version 8.1.0 or higher, required if operating multiple interfaces
- CirrusPRO™ or Stratus LT, Stratus II, Nimbus II, Cirrus, version 8.1.0 or higher required if operating a single interface

2. The IFX Satellite Board is standard in all Rain Bird PAR+ES Satellites manufactured after 12/22/19 and is compatible with all PAR+ES, PAR+ and MSC+ Satellites. To add the IC System to an ICI+LINK with LINK Satellite System, simply install an ICI+ Two-Driver Board (sold separately), connect the MAXI Cable to the interface, then add IC Rotors, IC Valves or IC CONNECT devices to the MAXI Cable.
3. Purchase of additional wire path key code required.

Dimensions

ICI+ Interface

- **Height:** 12.7 in (32.2 cm)
- **Width:** 14.3 in (36.4 cm)
- **Depth:** 5.8 in (2.3 cm)

Environment

Indoor Installation Only

- **Operating Temperature:** 14°F to 125°F (-10°C to 51°C)
- **Storage Temperature:** -40°F to 150°F (-40°C to 65°C)
- **Operating Humidity:** 75% max at 40°F to 108°F (4.4°C to 42°C)
- **Storage Humidity:** 75% max at 40°F to 108°F (4.4°C to 42°C)

Output Voltage

- 26-29 VAC

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