

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

- **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

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

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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3. Purchase of additional wire path key code required.

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