

TORO®**Lynx® GAC**

The Lynx upgrade system uses modern electronic technology to enable users of older decoder control systems to upgrade to a modern central with new field hardware. New features like remote control from your phone, moisture sensing and sophisticated diagnostics are now available without replacing your entire irrigation system.

FEATURES & BENEFITS

- ✓ **Upgrade your old control system**
Works with your existing sprinklers and wiring – just replace your field decoders and the central control.
- ✓ **Modern Electronics**
Higher surge protection, more precise run times and 2-way communication.
- ✓ **Works with Toro's Lynx Central Control**
Easy to Install, easy to support, easy to use.

Benefits for Users of Older CDS, Rain Bird® and Hunter® Systems:

- ✓ Two-way communication
- ✓ More precise run times (+/- 1 second)
- ✓ Enhanced diagnostics – rapid communication check, voltage and amperage, cable length
- ✓ 20KV lightning protection
- ✓ Lynx Central Control (all the benefits, apps, NSN®)
- ✓ 1-station fits in Toro INFINITY® Series golf sprinklers with Smart Access®

* Rain Bird is a registered trademark of the Rain Bird Corporation. ** Hunter is a registered trademark of Hunter Industries



Lynx Central



Lynx GAC

Feature	TORO GAC	CDS	Rain Bird FD	Hunter Pilot
Stations Per Wire Path	500	112	250	250
Devices Per Wire Path	125	112	250	250
Outputs	1,2,4	1,2,3,4	1,2,4,6	1,2,4,6
Maximum 14 AWG Wire Path Length	6800 ft	5400 ft	10,000 ft	8000 ft
Simultaneous Stations with 6800 ft of 14 AWG Cable	16	2	20	20
Distance from Decoder Module to Solenoid	575 ft	1200 ft	220 ft	240 ft
Solenoids Per Output	2	2	2	2
Surge Protection	20 KV	6-8 KV	6-8 KV	15 KV
Wire Paths Per Interface	2	4	2	4
Solenoid Characteristics 24VAC, 60 Hz	400mA inrush, 250mA holding	400mA inrush, 200mA holding	400mA inrush, 250mA holding	400mA inrush, 250mA holding
Holding Current	40mA	300mA	20mA	45mA
Two-Way Feedback from Decoder Module	VOLTS AMPS DISTANCE	NO	NO	VOLTS AMPS

SPECIFICATIONS

Operational

Enhanced diagnostics

- Communication
- Electrical shorts/opens
- Voltage
- Amperage

Module addresses are factory programmed Low holding current

Installation

Maximum number of wire paths

- 2 per gateway

Maximum number of gateways

- 4 standard, 4 expansion

Electrical

- Input voltage: 100-240 VAC, 50/60 Hz
- Input current: 1.6A/1.0A (115/230)
- Output voltage: 40VAC max
- Output power: 75VA max
- Class 2, SELV
- Decoders and gateways have 20KV surge protection

Temperature

- Operating temperature: 32F to 140°F
- Storage temperature: -22F to 140°F

Specifying Information—GAC Module

DAC-ISP-X	
Type	Station Count
DAC-ISP	X
DAC-ISP-Module	1-1 Station, 2-2 Station, 4-4 Station

Specifying Information—Gateway

DAC-XXX-XXXX		
Type	Communication	Station Count
DAC	XXX	XXXX
DAC	PCS – Central RS - Remote	1000 1000-E