THE LEADING
GOLF IRRIGATION CONTROL SYSTEM

FEATURES

Putting control, power and precision at your fingertips, LYNX® Central Control represents state-of-the-art technology for golf course irrigation. A smart and sophisticated system backed up with expert 24/7 support, it's easy to set-up and use, wherever you are, whenever you need it.

■ LYNX ADDS MORE FLEXIBILITY AND MORE CONTROL

Station Percent Adjust for duration allows you to set temporary adjustments that automatically returns to normal after a set number of days. The new Sequential Instant Program allows you to pick the order stations water automatically. LSM system diagnostics can now be selected by Hole or Area to make pin pointing a problem even easier, and you can now chose to have LYNX automatically upload station changes into the Watering Plan.

■ LYNX APPS PROVIDE REMOTE CONTROL

LYNX Apps enable you to control your irrigation system from your smart phone or tablet. Available for both iPhone®* and Android™* devices, LYNX Apps offer map and numeric based interfaces for manual irrigation, as well as an easy way to enter or edit LSM module addresses.

* iPhone and the Apple logo are registered trademarks of Apple, Inc. in the U.S. and other countries.

* Android and the Android logo are trademarks or registered trademarks of Google Inc.

Dynamic drilldown for quick overview by area and by hole

Irrigation at a glance
The colour of the water drop tells you if it's going to irrigate or not.

Save the most important pages
All the daily functions can be one mouse-click away

Simple menu
All similar functions are organized into folders

Decide how many **inches/mm/minutes to water**.

Intelligent irrigation with Turf Guard®
Your Turf Guard sensors help you to decide when to irrigate and how much water to apply.

Decide which **days of the week** you are going to turn on sprinklers.

Easily edit your course map or create **your own interactive map**.

Watch LYNX Smart Module Videos:
youtube.com/ToroCompanyEurope

LYNX Map   LYNX Handheld   LYNX Barcode   LYNX Cloud   NSN® Connect V2

toro.com

UNSURPASSED PRECISION
No other system gives you exact control over watering times and amounts per sprinkler.

UNMATCHED EASE OF USE
A user-friendly interface means less labor hours, fewer headaches and no disruption to play.
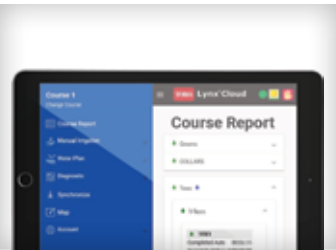
INCOMPARABLE RELIABILITY
Built-in fail-safes, like the ability to run system health checks, help you avoid unforeseen catastrophes.

FUTURE-PROOF
Regular system enhancements give you continual best-in-class control for years to come.
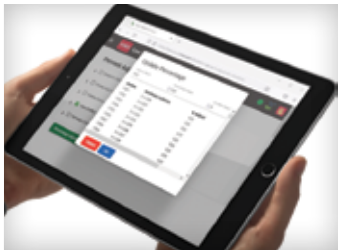
VIEW SPRINKLER SNAPSHOTS
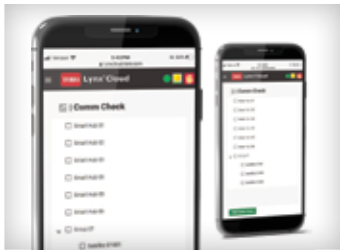Know what's running, what ran and what didn't run across your course.

EASILY SAVE COURSE DATA
Schedule automatic backups to your hard drive and to the cloud so you don't have to.

GET ON-THE-GO CONTROL
Make temporary or indefinite adjustments on the fly from anywhere on the course.

TROUBLESHOOT WITH A TAP
Identify issues quickly and perform critical diagnostics from the field.

■ LYNX CLOUD
The new LYNX Cloud, a cloud-based tool now included with each LYNX Central Control System, allows you to enable system updates and adjustments from anywhere using your smartphone or tablet.

Start, stop, add and remove holds from sprinklers or entire areas, directly from the LYNX Cloud map feature. Adjustments can be made indefinitely or for a specified number of days. LYNX Cloud then automatically updates the settings on the LYNX computer.

LYNX Cloud helps to identify which sprinkler requires adjustments on the course. The "Find Me" feature helps locate the closest sprinkler to you on the map at any given moment, ensuring adjustments are made to the correct sprinkler. A course irrigation overview feature is also available with LYNX Cloud, and indicates the current status of each sprinkler.

■ LYNX FUSION™
The new LYNX Fusion allows two types of systems — a LYNX Smart Satellite system and a LYNX Smart Module 2-wire system — to be seamlessly combined and operated from one LYNX Central Control computer. This feature eliminates the need to run two different central control computers while golf courses are undergoing renovation or system upgrades.

ADDITIONAL ENHANCEMENTS

■ Automated backup will now save all LYNX settings to your computer and the Cloud on a weekly, biweekly, or monthly basis.

■ Alarm notifications can be set up to alert you in several situations, such as when the weather station detects rain. Alarms are customizable and can be sent to different people at different times of day, or days of the week.

■ Choose which direction the course map on your LYNX Central Control System faces to best suit your viewing preferences.

LYNX® LEVELS COMPARISON

SYSTEM CAPACITY	LYNX CE	LYNX PE	LYNX SE
Satellites	500	500	500
Satellite Stations	32,000	1344	512
LYNX® Smart Module	10,000	1000	500
LYNX® LAC	10,000	1000	500
Weather Stations	10	10	10
Pump Stations	10	3	2
Courses	3	2	1
Holes Per Course	48	48	48
Hydraulic Branches	1024	300	100
HARDWARE SUPPORTED			
LYNX Smart Hub	Yes	Yes	Yes
OSMAC® G4	Yes	Yes	Yes
LYNX Smart Module	Yes	Yes	Yes
LYNX LAC	Yes	Yes	Yes
LYNX Smart Satellite	Yes	Yes*	Yes*
PROGRAMMING			
Current Sensing	Yes	Yes**	Yes**
Station Adjust Upload	Yes	No	No
Site Code Categories	7	3	No
Precip. Mgmt. Groups (PMG)	Yes	Yes	No
Max. Stations/Hole Control	Yes	Yes	No
Instant Program Creation	Yes	Yes	Yes
Program Priority	Yes	Yes	No
Pump Profiling	Yes	Yes	No
Pump Integration	Yes	Yes	Optional
Weather Station Alarms	Yes	Yes	Optional
ET Auto Calc. RT Method	Yes	Yes	Optional

With activation dedicated option
** Only with Smart Satellites

LYNX CENTRAL CONTROL WITH HARDWARE PLATFORM ADDED INCLUDES:

Runtime Resolution to the minute and second

Standard Diagnostics include Communication, Volts and Amps

Map Selection of stations for Standard Diagnostics

Express Diagnostic includes Communication, Amps and Volts

Station Mapping in the Express method

Synchronization with mapping error detection and automatic remapping

Diagnostic Results color coded and displayed on the map with values

Station Status Report showing volts, amps and line balance

LSM Firmware Update from LYNX computer

LYNX apps support LYNX Smart Module platform

Active Days on Watering Plan includes Interval days control.

Automatic Verification Polling control

Manual Verification Polling control

Threshold Setting for map station labels

Watch LYNX LAC Videos:
youtube.com/ToroCompanyEurope

NSN® Connect V2
Remote access so that you can control irrigation anytime, anywhere from any web enabled device.

RUNTIMES
- Runtimes are executed to the second rather than rounding to the whole minute, resulting in more precise irrigation and water savings (LYNX Smart Satellite, LSM, and LYNX LAC only)
- Control your irrigation by setting runtime minutes or application inches and let the system calculate the other. See exactly how much water you will apply and how long you will irrigate each area.
- Runtime synchronization with both LYNX Smart Satellite and LYNX Smart Hub prevents irrigation outages if the central goes off-line.
- Integrated runtime display shows past and planned irrigation activity so you can easily determine what action to take.

VIEWS AND REPORTS
- **Course Report** provides both real time and daily summaries of both scheduled and manual watering events.
- **Area and Hole** orientation allows you to control your irrigation system the same way you think about the course.
- **Instant Program** has simple check-box selection and Dynamic Drilldown so you can instantly create and personalize new irrigation programs
- **Projected Flow View** shows you areas that will be watered and how much will be applied.

LYNX CLOUD
- **LYNX Cloud Status Bar**
  - **Change Course** to easily switch between courses
  - **Rain Hold** to quickly apply a Rain Hold using a connected device
- **Course Report** so you can view what's running, what ran, what didn't run …from any connected device even when you are away from your maintenance shop
- **% Adjust** areas, holes and individual stations and apply adjustments indefinitely or for a few days
  - Make adjustments from anywhere on the course when you see dry or wet spots and later view all your adjustments in LYNX desktop… No more note taking

- **Synchronize** Save time and Synchronize using LYNX Cloud from anywhere without the need to go back to your maintenance shop
- **Manually start or stop** individual stations, entire areas or holes quickly from the palm of your hand
  - Select stations from programs or based on hardware
  - Start irrigation immediately or add a delay to allow golfers to finish their play
- **Hold or Remove Holds** on individual stations, entire areas or holes quickly from the palm of your hand
  - Apply Hold for some days or Permanently
  - Quickly spot stations that are on hold and duration of hold from the map at LYNX Central Control
- **COMM Check** to verify communication between a Hub or Satellite and LYNX Central Control for quick troubleshooting without going back to the maintenance shop
- **Map Setup** quickly set up a new map from within LYNX Cloud
  - 3 Pins are stored for quicker map updates in the future as new stations are added
- Use **Find Me** option to locate where you are on the course and which stations are adjacent to you from one of two map options
  - Quickly Start, Stop, Hold, Remove Hold on any station(s)
- **Automatic Cloud Backups**
  - Schedule weekly, bi-weekly or monthly backups
  - Database automatically backs up to the PC and to the Cloud so a replacement PC can ship pre-configured with golf course database from NSN

COMMUNICATION
- Current-sensing capabilities notify you of wire cuts and sprinklers unintentionally turned off (LYNX Smart Satellite and LSM only)

- Constant communication with both LYNX Smart Satellite and LYNX Smart Hub lets you take action if a power outage threatens irrigation
- Toro LSM communication and solenoid diagnostics help identify shorts, low voltage and other issues
- Weather station integration and Hand-held Remote Interface support are included as standard features

LYNX® FUSION
- Seamlessly combine a LYNX Smart Satellite (LSS) System with a 2-wire LYNX Smart Module (LSM) system and manage day to day irrigation as one system for:
  - Combining Two Systems
  - Expansions and Upgrades
  - Adding Standalone Smart Satellites
- **Combine Two Systems**
  - Manage all your irrigation from one LYNX Central Control System
- **Expansions and Upgrades**
  - Courses converting a Satellite system to a 2-wire system can easily convert one hole or one station at a time
  - Connect Hub(s) via hardwire or radio for a quick startup
- **Add Smart Satellite to LSM System**
  - Add Standalone Smart Satellite(s) from your driving range, nursery or club house to your LYNX Smart Module Central Control system so you can control all your irrigation from one location
- **Add Standalone Satellites to a 2-wire System**
  - Satellites can be hardwired or connected via radio

OPERATING SYSTEM
- Windows 10

EASE OF ACCESS WITH LYNX APPS
- LYNX Map – GPS location, manual operation, favorites
- LYNX Handheld – All in one command set, command log, last dialed
- LYNX Bar Code – Add or replace, field test of new units

WARRANTY
- One year

LX-0X-X-XX			
Type	*Computer Hardware*	*Service*	*Level*
LX	**0X**	**1**	**XX**
LX—LYNX	1—Standard Computer 4—Premium Computer	1—1-year NSN (Standard)	20—SE 30—PE 40—CE
Example: When ordering a LYNX SE Central with a standard computer and one year of NSN, you would order: **LX-01-1-20**			