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9200 E. 146th St. Noblesville, IN 46060

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SHT. NO.	1 OF 3
PART NO.	TSC1500XL
FILE LOC.	Q:\Final Release\Specifications
DWG. NO.	TSC1500XL
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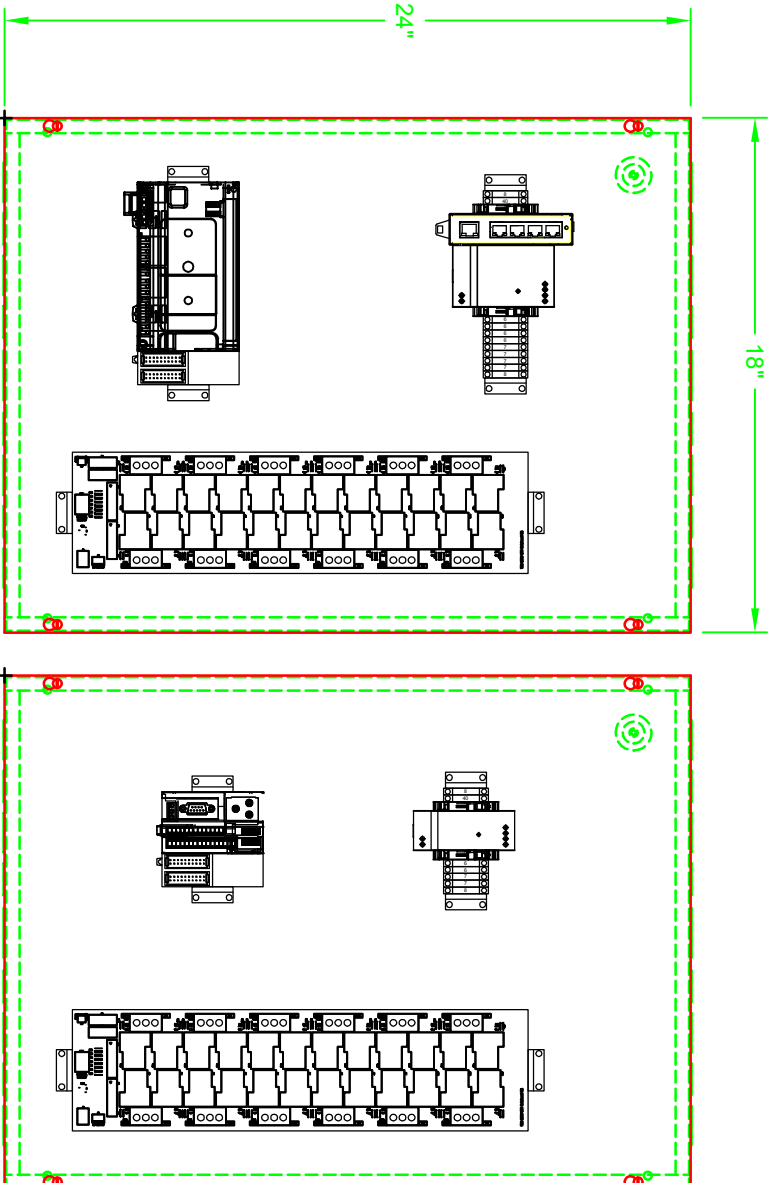
IMPORTANT: THE VOLTAGE PROVIDED MUST BE STABLE. IF UNSTABLE CAN CAUSE PROBLEMS WITH SYSTEM.

NOTE: AUTHORIZED USER MUST HAVE FULL VIEW OF GYMNASIUM EQUIPMENT AT ALL TIMES WHEN OPERATING.

ALL OTHER ELECTRICAL, JUNCTIONS AND SYNCHRONIZER BOXES ARE TO BE INSTALLED BY A CERTIFIED ELECTRICAL CONTRACTOR. FOLLOW ALL LOCAL CODES AND MANUFACTURER'S INSTRUCTIONS.

MOTOR ELECTRICAL REQUIREMENTS

MINIMUM CIRCUIT REQUIREMENTS
 -DEDICATED 120VAC, 1PH, 60HZ,
 15 AMP SERVICE, PER BOX AND PER DEVICE
 ALL TERMINALS ACCEPT ONLY 10GA MAX



NOTE: WIRE MOTOR ON TERMINALS PER DEVICE ASSIGNMENT SHEET

NOTE: THIS DRAWING IS FOR REFERENCE ONLY. REFER TO THE TSC INSTALLATION WIRING INSTRUCTIONS INCLUDED IN THE SUBMITTAL PACKAGE FOR SPECIFIC WIRE TERMINATION INFORMATION.



TSC1500XL GYM CONTROL SYSTEM

RECOMMENDED APPLICATION

The TSC1500XL Total System Control unit allows one touch operation of basketball backstops, divider curtains, lighting, scoreboards, P.A. systems or other electrically controlled equipment.

SPECIFICATIONS

The Total System Control 1500XL will include a single master node which will operate 12 devices with the capability to run those 12 devices at one time, as long as each device is on its own dedicated 20 amp circuit. The TSC1500XL is expandable up to 16 relay nodes until 192 devices are reached. Relay circuits are capable of up to 250v with a 20 amp load. There are 24 relays per relay node. Size of each relay node enclosure is 18" wide X 24" tall X 6" deep.

The Total System Control 1500XL uses a 5.7" touch screen in an 8" wide by 8" tall by 4" deep enclosure. The TSC1500XL operates on 120v with the controller interface operating on 24vdc with supplied transformer. Gym equipment can be operated individually along with a user interface for multiple equipment configurations and operations. The TSC 1500XL has the expandability for operating additional equipment by adding relay nodes. Multiple devices can be operated simultaneously as long as each device is on its own dedicated 20amp circuit.

Included

1. Manual Control override with 15' cord, which is to be used at the relay panel as a back-up to the touch screen.
2. TSC-RS: Remote screen location package.
3. One relay box capable of operating 12 devices.

Optional at additional cost

1. Additional Relay nodes for operating additional devices.
2. TSC-DG: Display guard to protect the touchscreen.
3. TSC-7.5: Screen size upgrade to 7.5"
4. Facility's logo displayed on the touch screen.

SAFETY FEATURES

Password controlled to prevent unauthorized use. Infinite users can be created and complex Alpha Numeric passwords as well. "Press and hold" button feature prevents authorized operator from walking away while equipment is in motion. Auto shut-off after thirty seconds of non-use.

WARRANTY

The TSC1500XL has a one-year warranty covering defects in material and workmanship.

All other electrical, junction and synchronizer boxes not mentioned above to be furnished and installed by a certified electrical contractor. Follow manufacturer's instructions and all local safety codes

Subject to design change and current manufacturing practices.
Revised September 25, 2019 ©2008 Gared Holdings, LLC.