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Ings, LLC Moblesville, IN 46060	Gared Hold 9200 E. 146th St.
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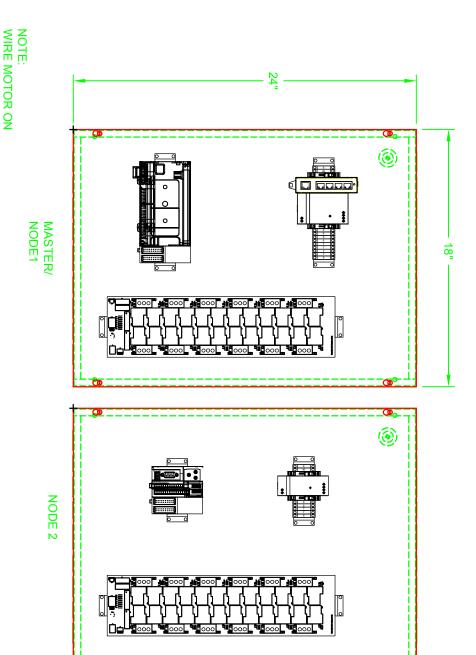
IMPORTANT: THE VOLTAGE PROVIDED MUST BE STABLE. IF UNSTABLE CAN CAUSE PROBLEMS WITH SYSTEM.

NOTE: AUTHORIZED USER MUST HAVE FULL VIEW OF GYMNASIUN 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: THIS DRAWING IS FOR REFERENCE ONLY. REFER TO THE TSC INSTALLATION WIRING INSTRUCTIONS INCLUDED IN THE SUBMITTAL PACKAGE FOR SPECIFIC WIRE TERMINATION INFORMATION.

TERMINALS PER DEVICE ASSIGNMENT SHEET

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BASKETBALL BACKSTOPS

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COMBINATIONS OF EQUIPMENT.

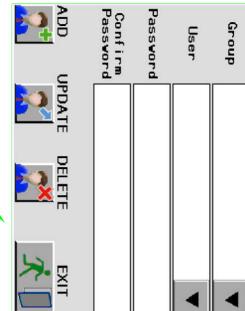
DIFFERENT GROUP

POINT. FAST PLAY CAN ALSO SELECT

Noblesville, IN 46060	9200 E. 146th St.
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-INFINITE PROGRAMMABLE USERS WITH DIFFERENT USER LEVELS ALPHA NUMERIC PASSWORD SYSTEM

OPERATION SELECTION PAGE



PLAY GROUPS CAN BE EDITED AT ANY PROGRAMMABLE GROUP BUTTONS FAST PLAY SYSTEM: 8 USER LEVEL OF MOVING DEVICES DIFFERENT RECOMMENDED POWER FEED). DEVICES AT A TIME (WITH THE ALLOWS SELECTION OF MULTIPLE DIRECTIONS SIMULTANEOUSLY. FAST

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LARGE LAYOUT EXAMPLE

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GELDEN 3107A- USED IN BETWEEN NODES

BELDEN 1351A Cat6 Shielded (Plenum Rated)

MOTOR BOX PER DEVICE IN EACH ONE RECOMMENDED FOR DEVICE: LINE IN HOT VEUTRAL UP 밀 GND NODE 1 **RELAY BOARD** MASTER Cat6 TOH LINE IN **POWER RESPONSIBLE FOR WIRING NOTE: ELECTRICIAN** Belden 3107A COMM. TOUCHSCREEN NODE 2 POWER LINE IN TOH SEPARATE POWER INCOMING LINE TO OPERATE. **NOTE: EACH BOX REQUIRES A** Belden 3107A COMM NODE 3 POWER LINE IN TOH

CONNECTORS:

(2) RJ-45 for Cat6

ALL WIRE AND CONNECTORS PROVIDED BY ELECTRICIAN

MOTOR ELECTRICAL REQUIREMENTS

MINIMUM CIRCUIT REQUIREMENTS -DEDICATED 120VAC, 1PH, 60HZ, 15 AMP SERVICE, PER BOX AND PER DEVICE

ALL TERMINALS ACCEPT ONLY 10GA MAX

IMPORTANT: THE VOLTAGE PROVIDED MUST BE STABLE. IF UNSTABLE CAN CAUSE PROBLEMS WITH SYSTEM.





TSC1500XL

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 relay box capable of operating 12 devices. It will also be capable of running 12 devices at once with adequate power ran to the system. The system is expandable up to 16 relay boxes until 192 devices are reached. Relay circuits are capable of up to 250v and 20 amp load. There are 24 relays per relay box. Size of each relay box is 18" wide X 24" tall X 6" deep.

The total system control 1500XL uses a 5.7" touch screen in a 8"wide X 8"tall X4"deep box. The system operates on 110 Volts with screen communications at 24 Volts DC. System will operate equipment individually and has user interface for multiple equipment configurations and operation. System has expandability for operating additional equipment by adding relay board nodes. System can operate multiple devices simultaneously with the appropriate supply of power.

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-RS57: Remote screen location package.

Optional at additional cost

- 1. Additional Relay box nodes for operating additional devices
- 2. TSC-DG: Display guard to protect the touchscreen
- 3. TSC-7.5: Screen size upgrade to 7.5"

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 October 17, 2017 ©2008 Gared Holdings, LLC.