

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

MOTOR ELECTRICAL REQUIREMENTS

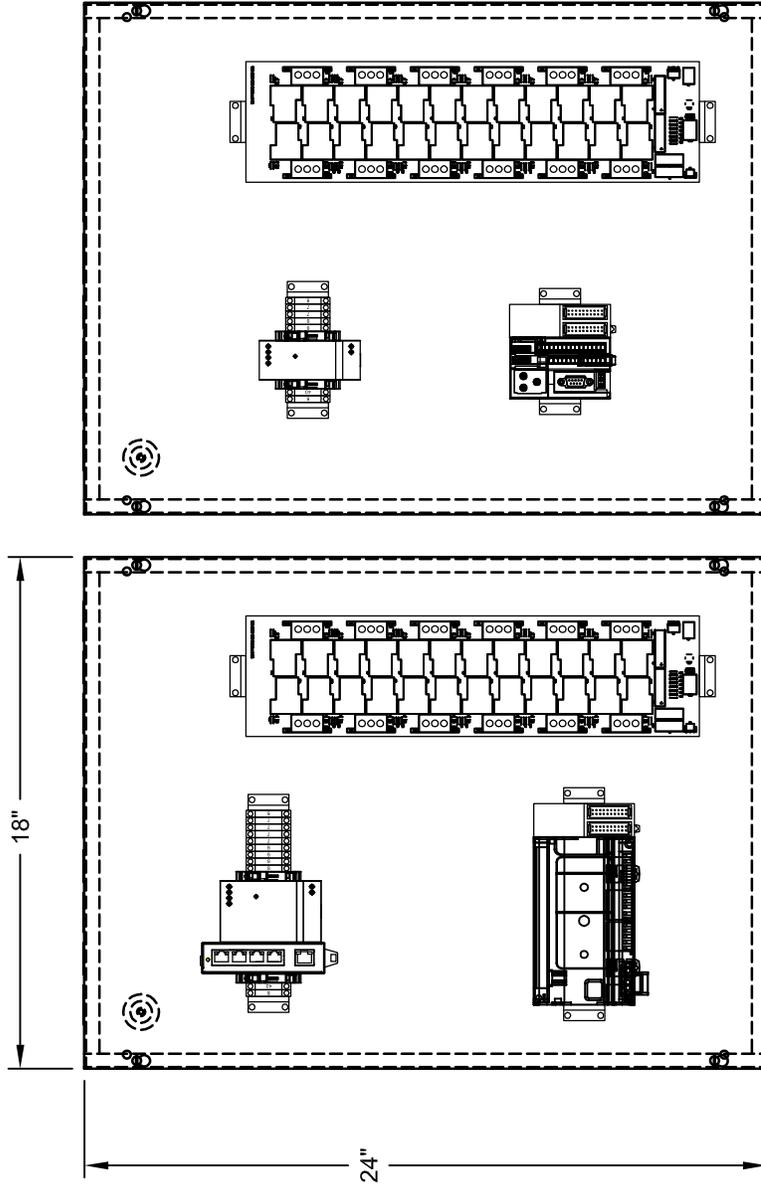
MINIMUM CIRCUIT REQUIREMENTS

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

ALL TERMINALS ACCEPT ONLY 10GA MAX

NOTE: 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.



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.

REVISION		
REV.	DATE	BY
-	-	-



Gared Holdings, LLC
9200 E. 146th St. Noblesville, IN 46060

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TSC 1500XL WiFi					
DRAWN	PERRY	DATE	8-29-17	MATERIAL	N/A
APPROVED	-	DATE	-	FINISH	N/A
FILE LOC. Q:\Final Release\Specifications				DWG. NO.	TSC 1500XL WiFi
SIZE	SCALE	SHT. NO.	PART NO.	REV	
A	NOTED	1 OF 3	TSC 1500XL WiFi		

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TSC 1500XL WiFi COMM. SCH

DRAWN	PERRY	DATE	8-29-17	MATERIAL	N/A
APPROVED	-	DATE	-	FINISH	N/A
FILE LOC. Q:\Final Release\Specifications				DWG. NO.	TSC 1500XL WiFi
SIZE	SCALE	SHT. NO.	PART NO.	REV	
A	NOTED	2 OF 3	TSC 1500XL WiFi		



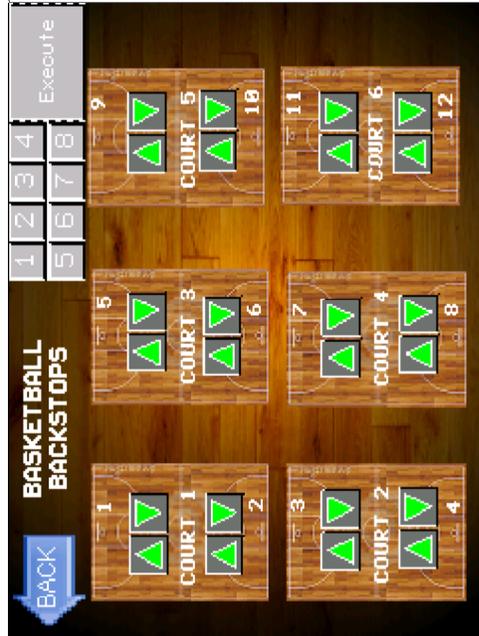
OPERATION SELECTION PAGE

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

Group: [] User: [] Password: [] Confirm Password: []

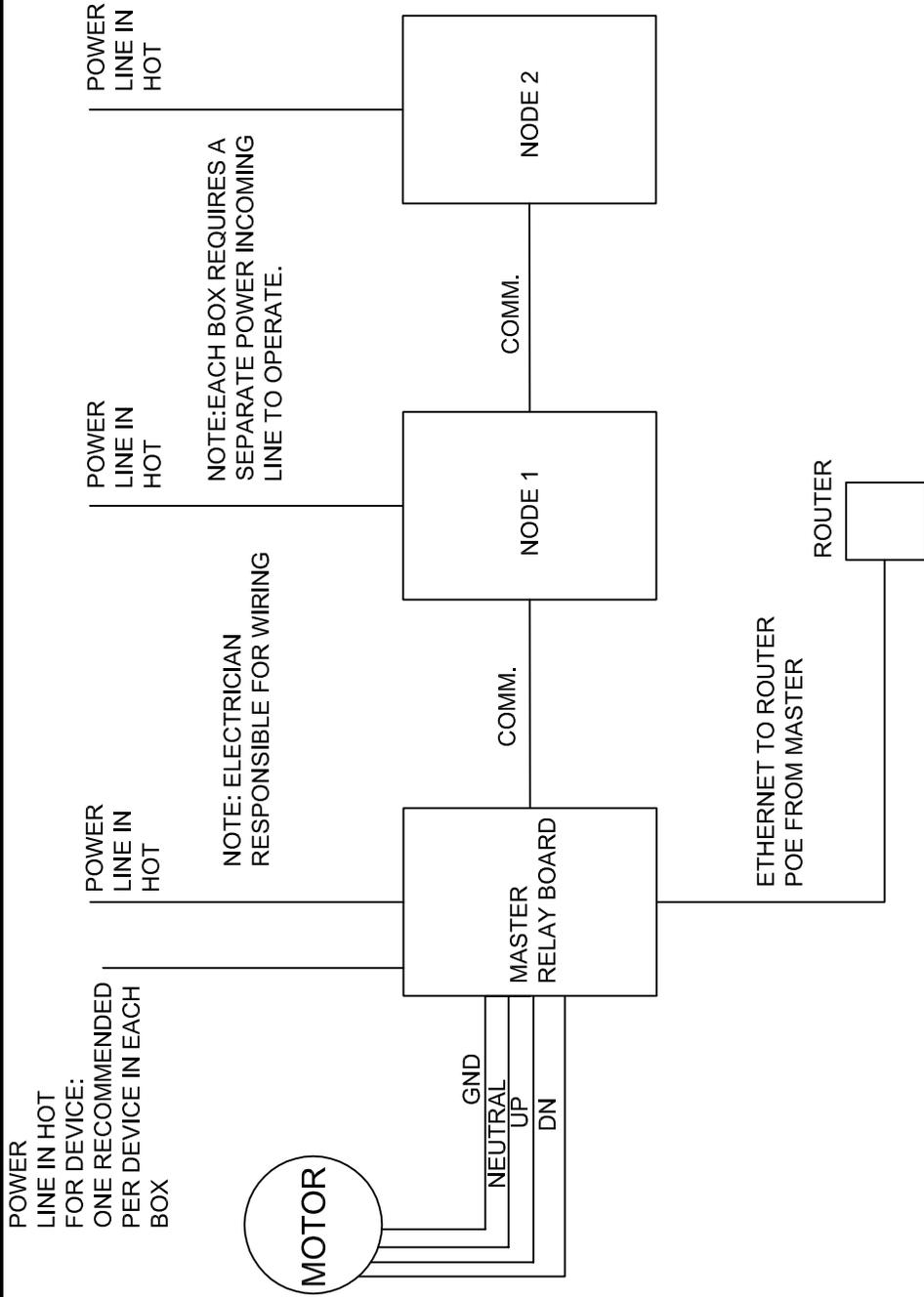
ADD [+] UPDATE [] DELETE [] EXIT []

-ALPHA NUMERIC PASSWORD SYSTEM
-INFINITE PROGRAMMABLE USERS WITH DIFFERENT USER LEVELS



LARGE LAYOUT EXAMPLE

NOTE: SYSTEM OPERATES THROUGH AN APP. NO NETWORK OR SEPARATE SERVERS REQUIRED; INDEPENDENT WIRELESS SYSTEM.



NOTE: EACH BOX REQUIRES A SEPARATE POWER INCOMING LINE TO OPERATE.

NOTE: ELECTRICIAN RESPONSIBLE FOR WIRING

NOTE: ROUTER LOCATION TO BE CENTER OF ROOM.

MOTOR ELECTRICAL REQUIREMENTS

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

COMMUNICATIONS WIRE:
BELDEN 3107A

ETHERNET WIRE:
CAT 6

ALL WIRE PROVIDED BY ELECTRICIAN

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

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TSC 1500XL WiFi SYSTEM SCH					
DRAWN	PERRY	DATE	8-29-17	MATERIAL	N/A
APPROVED	-	DATE	-	FINISH	N/A
FILE LOC. Q:\Final Release\Specifications			DWG. NO.	TSC 1500XL WiFi	
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A	NOTED	3 OF 3	TSC 1500XL WiFi		



TSC1500XL WiFi : Wireless Control

RECOMMENDED APPLICATION

The TSC1500XL WiFi Total System Control unit allows one touch operation of basketball backstops, divider curtains, lighting, scoreboards, P.A. systems or other electrically controlled equipment. The system is wirelessly controlled using a smart phone or a tablet device that can connect to a network and use an app.

SPECIFICATIONS

The total system control 1500XL WiFi 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 WiFi uses a 5.7" touch screen that will have the ability to be wirelessly controlled via smart phone or tablet app. 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.

Optional at additional cost

1. Additional Relay box nodes for operating additional devices
2. TSC-DG : Display guard to protect the touchscreen
3. TSC-RS57 or TSC-RS75: Remote screen location package, Allows the screen to be installed in another location from the relay box face.
4. TSC-7.5: Screen size upgrade to 7.5"
5. TSC-ROUTER: Additional router for large areas, each router services a 450ft diameter.

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 WiFi Total Control System 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.