

#### CAPABILITIES:

Control panel shall be capable of controlling electric basketball winches, electric height adjuster motors, electric divider curtain winches and other electric motors. Control panel shall be capable of turning other electrical devices on and off. Control panel shall be pre-programmed to control all ACI equipment (electric backstop winches, electric height adjusters, electric divider curtain winches) within the designated gymnasium. Momentary buttons capable of operating connected devices individually or in groups. Control panel with touch screen is factory assembled and programmed. Installation by others. All relays, wiring, conduit, and other programming for non-ACI supplied equipment shall be supplied and completed by others.

#### LOW VOLTAGE POWER COMPONENTS:

Operating voltage range of display screen, PLC, and Expansion Modules shall be 21.6 to 26.4 volts DC. Power consumption shall be a maximum of 5 watts. Power supply is included and factory wired. Installer to provide and install the correct size shielded cable between main panel and display screen taking into consideration voltage drop to stay within the operating voltage range.

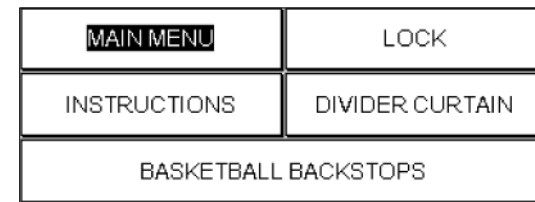
#### DISPLAY

Display shall be a STN monochrome LCD touch screen panel. Display screens with external button shall not be considered equal. 4.6 inch High definition Half QVGA (320 x 120) LCD screen. Backlighting shall be available in green, red, and orange. LCD life shall be approximately 50,000 hours (5 years, 8 months). Touch key life shall be minimum one million operations.

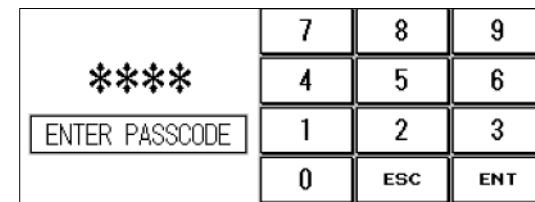
#### MENUS:

Control panel menus shall be self-explanatory. No instruction book should be needed to understand operation of control panel. Menus allow the user to select the equipment to be operated, an UP and DOWN button for each motor, and a lock button. Display screen is passcode protected with an option for users to change the passcode.

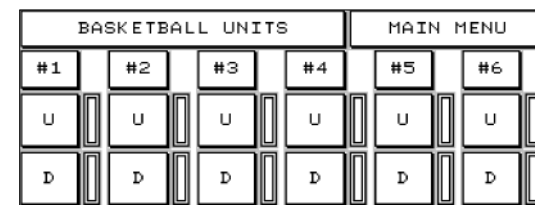
#### SCREEN EXAMPLE: MAIN MENU




#### SCREEN EXAMPLE: PASSCODE



#### SCREEN EXAMPLE: INDIVIDUAL BASKETBALL OPERATION



REVISION / STAGE:	MONTH / DAY / YEAR	RELATED DRAWINGS / INFORMATION:	ELCP	
			ELECTRONIC CONTROL PANEL FOR ATHLETIC GYM EQUIPMENT	
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