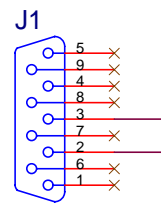


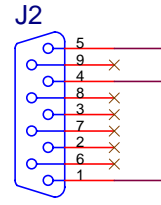
REAR OF TURRET PANEL

Power Connector



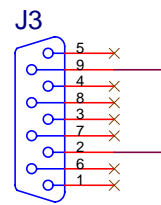
DB9 MALE

Clock Connector



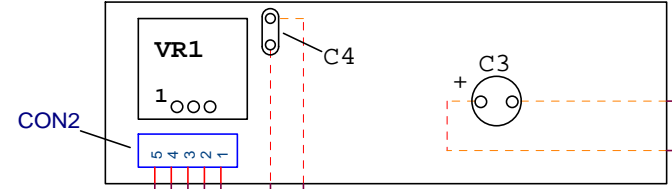
DB9 FEMALE

Timer Connector

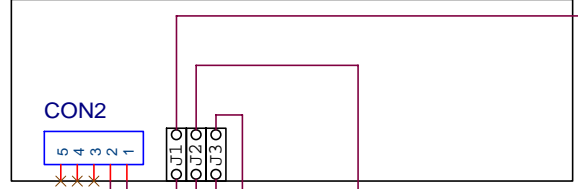


DB9 MALE

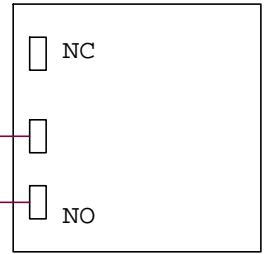
TORPEY CLOCK BOARD (TOP VIEW) - SEE NOTE 1



TORPEY TIMER BOARD (TOP VIEW)

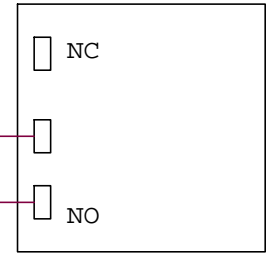


STOP SW1



AML21
Terminal View

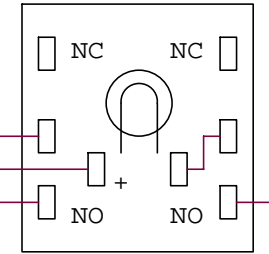
START SW2



AML21
Terminal View

REAR OF TURRET PANEL

AUTO START SW3



AML22CBS8BD
Terminal View

NOTE 1
TORPEY CLOCK BOARD MOD INSTRUCTIONS

- Starting with a stock Clock Board:
- 1) Remove jumper from VR1 pins 1 & 3.
 - 2) Mount Regulator VR1 (Part# PT5101N) to Bottom of Board.
Note pin 1 assignment.
(Component side of VR1 faces toward display.)
 - 3) Connect CON2 pins 2 & 3 together.
 - 4) Leave J9-J12 on top of board. (Do NOT remove.)
 - 5) Solder +5V/GND twisted pair to C3 (from bottom of board) as shown. (24 GA)
 - 6) Solder +5V/GND twisted pair to C4 (from bottom of board) as shown. (24 GA)

MAKE ALL CONNECTIONS IN RED!!

Sierra Automated Systems & Engineering Corp.		
Title	Clock/Timer Panel Wiring Diagram	
Size	Document Number	Rev
B		A
Date:	Friday, June 02, 2006	Sheet 1 of 1