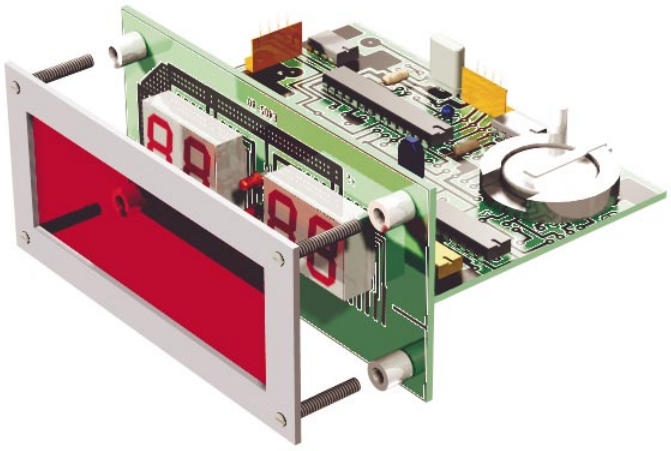
SPECIFICATION SHEET

Part # E402 : 12 Hour/24 Hour Clock



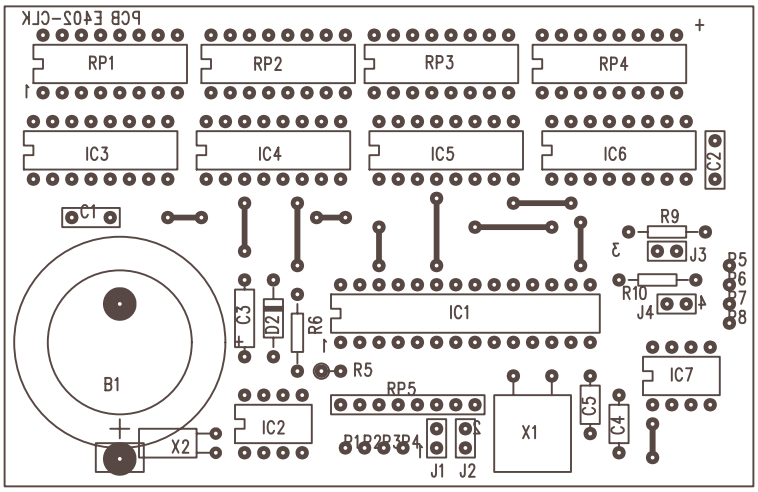
Standard features:

Operates on five volts DC
Bright red .56" LED digits
SELECT & SET buttons change time and settings
Designed for use with Automation Displays graphic panels

Options:

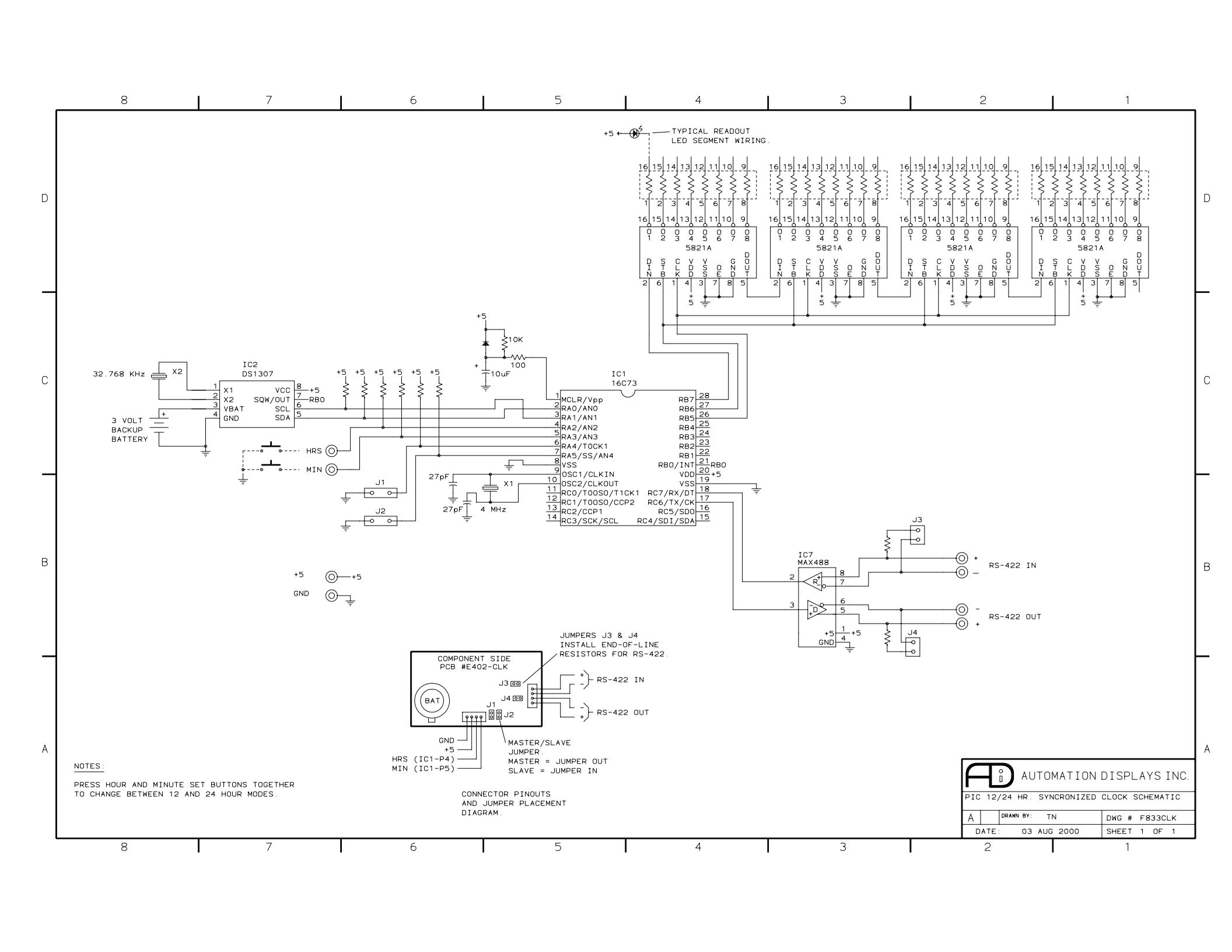
24 volt DC operation
Yellow or green LED digits
Custom button functions
Panel-mount bezel and filter assembly
Synchronized master clock with slave readouts
Serial data communication
Battery backup

PCB E402-CLK LOADING DIAGRAM



IC1: PIC16C73A
IC2: DS1207
IC3-IC6: 5821A
IC7: MAX488
X1: 4mhz Crystal
X2: 32.768 Khz Crystal
C1, C2: 0.01 uF Cap
C3: 10uF Cap
C3, C4: 27pF cap
B1: 3V battery holder
J1-J4: 2 pin jumper terminals
D2: 1N4004 diode
R5: 100 Ohm resistor
R6: 10K resistor
R9, R10: 220 Ohm resistor

READOUTS: HDSP-5321 2-DIGIT .56" Hewlett-Packard (red)



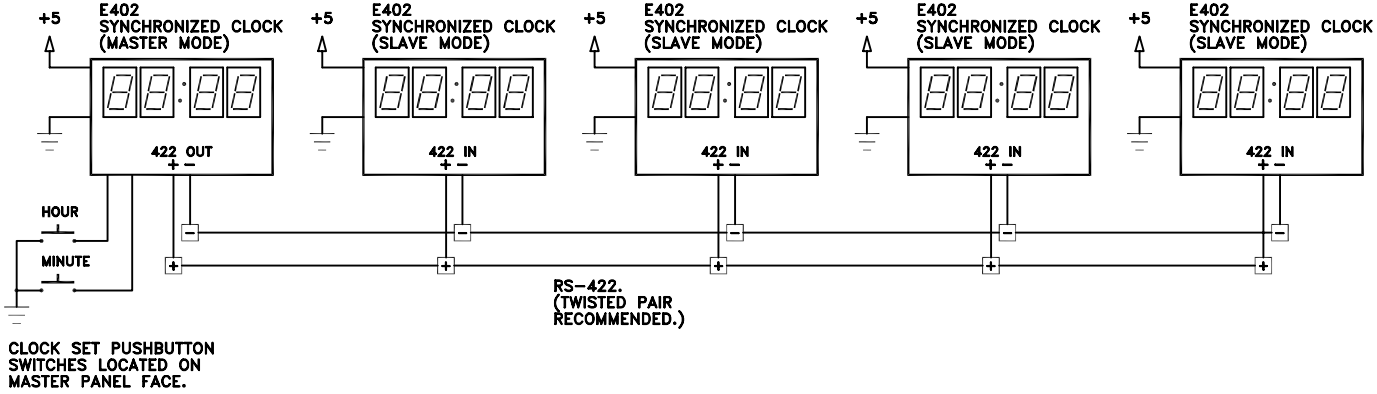
NOTES:

PRESS HOUR AND MINUTE SET BUTTONS TOGETHER
TO CHANGE BETWEEN 12 AND 24 HOUR MODES.

AUTOMATION DISPLAYS INC.

PIC 12/24 HR. SYNCRONIZED CLOCK SCHEMATIC

A	DRAWN BY: TN	DWG # F833CLK
	DATE: 03 AUG 2000	SHEET 1 OF 1



NOTES:

PRESS HOUR AND MINUTE SET BUTTONS TOGETHER TO CHANGE BETWEEN 12 AND 24 HOUR MODES.

SLAVE CLOCKS RECEIVE TIME DATA FROM MASTER CLOCK VIA RS–422 DATA LINES.

SEE SCHEMATIC DWG #F833CLK FOR DETAILED PINOUT AND JUMPER PLACEMENT INFORMATION.

AUTOMATION DISPLAYS INC.	
ELECTRICAL BLOCK DIAGRAM SYNCHRONIZED CLOCK CONNECTIONS	
D DRAWN BY: TN/RPL	DWG # E402–SYNC
DATE: 04 OCT 2004	SHEET 1 OF 1