SYSTEM CLOCKS CC2000 SERIES

FOUR INCH, FOUR DIGIT - LOW COST, SYSTEM CLOCKS

FOR SCHOOLS, HOSPITALS, FACTORIES, SPORTS FACILITIES, THEATERS, BOARDROOMS, CHURCHES, and MUSEUMS.

CC2002 Wall Mount

CC2002C2 2-Sided Ceiling Mount

CC2002W2 2-Sided Wall Mount

CC2001F Flush Mount

Built-In, 12 / 24 Hour Format...

59th Minute, Midnight/Noon, and RS232 Correction.

Super Bright Red LED Digits - Visible over 100 feet away.

Capacitive Backup - No Batteries Required.

Wall Mount, Flush Mount, and Double Sided models.

24 VAC and 120 VAC Versions.

CC2000 Series System Clocks provide an economical solution for any size clock system. They are easily corrected by master clock systems with 59th minute and Midnight correction. In addition, all CC2000 Series System Clocks can receive serial data input from computers or other controllers, for setting time and/or displaying short messages such as "FirE" and "bELL". Up to 50 clocks can be connected to a standard RS232 Port at distances of up to 2000 feet away. Signal drivers are available for adding additional clocks and greater distances.

A 12 Volt to 120 Volt, AC or DC pulse for less than 2 seconds on the correction input sets the time to 12:00 (0:00 if 24 hour format). If the pulse is 8 seconds the CC2000 assumes the correction is 59th minute correction, and will set its time to XX:58:02. If the pulse is 12 seconds, the CC2000 will set its time to 5:58:06. For RS232 Correction, a 10 Byte message is required for complete control of the CC2000 including instant 12/24 Hour time correction and ASCII messages such as "FirE" and "bELL". See the AE Series Option 354 sheet for more details on the 10-Byte message format.

MODELS AVAILABLE

All wall mount and 2-sided versions have a black extruded aluminum enclosure (12"W x 6.1"H x 3.5"D). Flush mount versions have a white, painted steel enclosure (13.4"W x 8.4"H x 3.6"D).

CC2001	System Clock, Wall Mount, 120 VAC	**CC2002**	Same except 24 VAC
CC2001W2	System Clock, 2-Sided Wall Mount, 120 VAC	**CC2002W2**	Same except 24 VAC
CC2001C2	System Clock, 2-Sided Ceiling Mount, 120 VAC	**CC2002C2**	Same except 24 VAC
CC2001F	System Clock, Flush Mount (includes back box), 120 VAC	**CC2002F**	Same except 24 VAC

12.0

3.5

4.0

6.1

CC2001 Wall Mount

Secures to Mounting
Plate with single screw
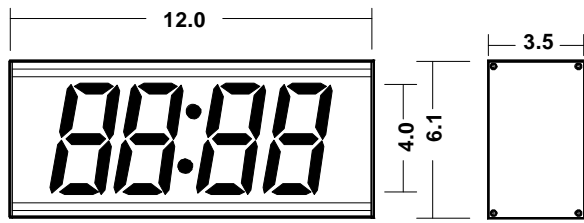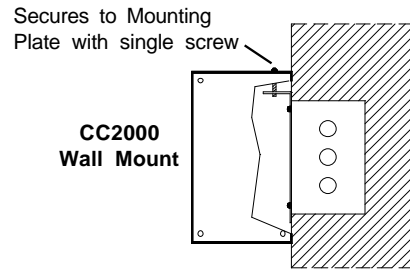
**CC2000
Wall Mount**

Mounts
to Single
Gang,
Double
Gang, or
4" Box

12.0

4.6

4.0

7.6
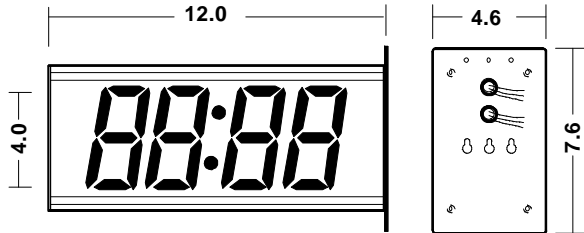
CC2001W2 2-Sided Wall Mount

End Panel secures to Box with
the required screw(s).
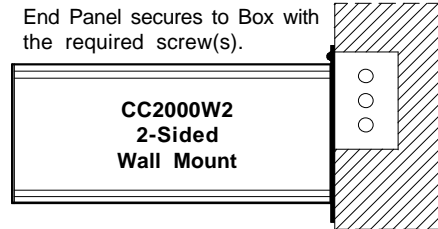
**CC2000W2
2-Sided
Wall Mount**

Mounts to
Single or
Double
Gang Box

12.0

6.0

6.0

3.5

3.0

4.0

6.1
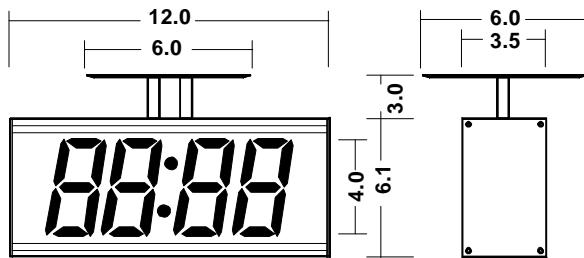
CC2001C2 2-Sided Ceiling Mount

Mounts to
4" Box

Secure Ceiling Mounting Plate
with the required screws.
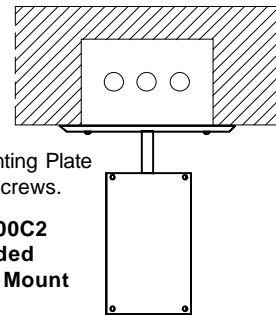
**CC2000C2
2-Sided
Ceiling Mount**

13.4

10.8

3.6

4.8

8.4

3.7
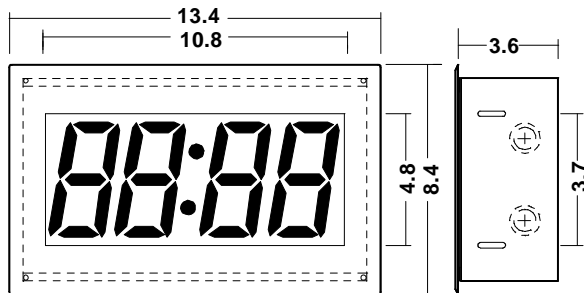
CC2001F Flush Mount

Secures to Back Box
with flat head screws
which are provided.

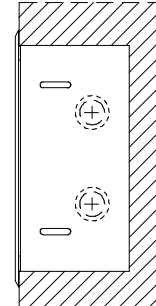**CC2000F
Flush Mount**

Back Box included
(12.4"W x 7.4"H x 3.6"D)

Back Box includes
conduit knockouts
and mounting holes.

SPECIFICATIONS: * ALL INTERNAL JUMPERS ARE FACTORY SELECTED.

Power: Single Sided: 120VAC, 6VA Max, 50/60 Hz (Internal Jumper Selected)
                              24VAC, 6VA Max, 50/60 Hz (Internal Jumper Selected)
            Double Sided: 120VAC, 8VA Max, 50/60 Hz (Internal Jumper Selected)
                              24VAC, 8VA Max, 50/60 Hz (Internal Jumper Selected)

Capacitive Backup, PM Indicator (upper left-hand corner of display)
12 or 24 Hour Format (Internal Jumper Selected)
Set Switches - Increment Hours and Minutes, access at back panel (CC2001and CC2002 only)

Sync Input - Correction Pulse Voltage Range : 12V - 120V AC/DC (2 mA max at 120 VAC)
            0 - 6   Second Duration: sets to 12:00 AM (0:00 when 24Hr Format)
            7 - 10   Second Duration: sets to XX:58, XX = hour (Displays 12Hr Format Only)
            11 - 17 Second Duration: sets to 5:58 (Displays 12Hr Format Only)

RS232 Input - Serial Data, 10 Byte Message
            Features: Corrects Time - 12/24Hr, ASCII Messaging
            12Hr Format: RS232 overrides and will display 12 or 24 Hr Format
            24Hr Format: Jumper overrides will display 24Hr Format only

WIRING

Power (120VAC Models)
120VAC Line   BLK
120VAC Neut   WHT
Ground   GRN/YEL

Power (24VAC Models)
24VAC   YEL
24VAC   WHT/YEL
Ground   GRN/YEL

Signal:
Sync (+)   WHT/BLU
Sync (-)   WHT/BLK
RS232 REC   WHT/ORG
RS232 GND   BLK/RED