Using this Quick Start Manual
Use this Quick Start Manual with your CTXL Recorder to set it up and perform basic operations. For detailed information, refer to the User’s Guide (Manual Number M4098).

Parts of the CTXL

1. Control panel display and keyboard
2. Pens, upper CHAN 1 (temp), lower CHAN 2 (humidity)
3. Chart paper
4. Chart light bulb (inside; on chart base)
5. Pen cap posts (inside; on chart base)
6. Time set arrow (inside; on chart base)
7. Temperature/humidity sensor probe
8. Sensor clip
9. dc power jack
10. Battery compartment (at the rear)
11. Decorative foot cover (stabilizing arm inside)
12. LCD display, backlite
13. RS232 port
14. Door lock

Install the Batteries
1. Place the recorder on a soft surface front face down.
2. Insert the 4 "D" size batteries in the battery compartment as shown in Figure 2.

Batteries provide power if the ac adaptor is not used. Otherwise, they provide power backup in case of ac power failure.

Install the Chart Paper
Make sure the Sensor probe is plugged into the Recorder when power is on. The Factory setup is for 7 Day Chart Speed & °F Chart Scale.

To install or change the same Chart paper:
• Open the Recorder door and remove the magnetic hub that holds the paper.
• Place the new Chart paper.
• Rotate the paper, until the present time lines up with the Time reference arrow as shown in the following figure.
• Place the magnetic hub over the paper & close the recorder door.

This can be done with or without power turned on.

2.4.1 Changing Chart Speed & Scale

You can change the Chart speed & scale as follows:
• Make sure the unit is turned on by pressing the Power Key.
• Open the Recorder door. The pens will go to the Home position (Bottom of scale) and the display will show “door off” as well as the existing Chart Speed (7 Days) and Chart scale (°F).
• Press the Chart Speed key to change to 1 or 32 day chart.
• Press the Chart Scale key to change to °C if needed.
• Install the new Chart paper as explained in the previous paragraph.
• Close the Recorder door. The display will show “DATA rSt?”
• Press the YES key to reset (erase) previous stored data in memory. The unit beeps for verification.
• Press the NO key to continue recording without resetting (erasing) previous stored data in memory.
• If no keys are pressed, the unit will resume recording after 5 seconds without erasing previous stored data in memory.

Setting Alarms and Time Clock

Real Time Mode
High Alarm - Channel 1 (Temperature)
Press [A] or [V] keys to set high alarm
Press [SET] key to enable/disable alarm
LAL icon is on when high alarm enabled
Low Alarm - Channel 1 (Temperature)
Press [A] or [V] keys to set low alarm
Press [SET] key to enable/disable alarm
LAL icon is on when low alarm enabled
High Alarm - Channel 2 (Humidity)
Press [A] or [V] keys to set high alarm
Press [SET] key to enable/disable alarm
HAL icon is on when high alarm enabled
Low Alarm - Channel 2 (Humidity)
Press [A] or [V] keys to set low alarm
Press [SET] key to enable/disable alarm
HAL icon is on when low alarm enabled
Clock - Display Hour
Press [A] or [V] keys to set the hour
(Military time 0-23)
Clock - Display Minutes
Press [A] or [V] keys to set the minute
(00-59)
Clock - Display Month
Press [A] or [V] keys to set the month
(1-12)
Clock - Display Day
Press [A] or [V] keys to set the day
(01-31)

How to Install the Pen

Recorder Placement
As shipped, the recorder is set up for wall mounting (there is a decorative cover at the bottom of the recorder which remains in place for wall mounting; it comes off for bench top use).

Mount the Recorder on the Wall
1. Use the template provided in the wall mounting kit to locate the mounting holes.
2. Drill the holes.
3. Place anchors and screws in the holes.

Membrane Keypad and Display Functions

POWER
• Turns ON/OFF the recorder

Clock
• Displays Real Time Clock for 3 seconds

Scale
• Sets the Chart Scale to °F & RH or °C & RH (CTXL-TPH)

Speed
• Sets the Chart Speed to 1, 7, or 32 Day chart

Configure Menu - Sets Low, High Alarms & Time Clock
• Enables/disables low & high alarms

Set
• Increments set values

Accessories

CTXL Recorder Placement Kit
- Bottom cover
- Decorative arm
- Mounting screws
- Mounting template
- Instruction Manual
- Wall Mounting Bracket, Screws

Installing the Pens
1. Turn the recorder over (so it is front face up) and open the main door.
2. Remove the pen caps and place on the posts near the light bulbs.
3. Install the pens as shown in Figure 4. The blue pen goes in the humidity pen arm and the red pen goes in the temperature pen arm.