PIX-10 Electronic Time Recorder

Operation Manual

SPECIFICATIONS

Power requirement:
For PIX-10 input: AC16.5V, 60Hz, 0.6A (Max.)
For AC adapter:
  - AC120V ± 10%, 60Hz
  - AC230V ± 10%, 50Hz
  - AC240V ± 10%, 50Hz

Ambient temperature: -10°C ~ 45°C (14°F ~ 113°F)

Ambient humidity: 10% ~ 90% (no condensation)

Dimensions: 140mm(W) x 150mm(H) x 165mm(D) (5-1/2" x 6" x 6-1/2")

Weight: 1.8 Kg (4.2 lbs.)

Environment:
  - Indoor use only: dust-free environment
  - Keep out of direct sunlight

For PIX-10 with 120 V AC Adapter
Listed and Certified by: Underwriters Laboratories, Inc.
  - UL E50230
  - CSA Certified Association LR-55921
Front Panel Description

- LCD Display Window
- Manual Print/Change Button
- Manual Print/Enter Button

The RESET button is located on the right lower back side of the case.

RESET Button
This button is used with the CHANGE or ENTER button to start/enter the program mode.

Manual Print/Enter Button
In Normal mode, press this to print manually. In Program mode, press this to accept a value or enter a selection into memory.

Manual Print/Change Button
In Normal mode, press this to print manually. In Program mode, press this to change data or advance to the next menu selection.
To perform any programming instructions, steps must be followed in order. The PIX-10 accommodates two programming modes, normal and quick mode. Either mode can be accessed simply by entering a particular password. To get into normal programming mode, enter the password “8088”. This normal program mode programs all the items in the PIX-10. For an easy, quick setup of a particular item in the PIX-10, enter a different password (see chart 1) instead of the normal programming mode password of “8088”. The benefit of the quick programming mode is that every print style is assigned to a password. Therefore, it is only required to enter a password to program a specific print style and print direction.
Removing The Cover & Packing Material

1. Turn key clockwise and lift case to remove cover.

2. Lift up printer block and remove spacer.
Adjusting The Margin

1. Locate the Card Stopper Adjustment Screw behind the wall mount plate on the bottom of the machine.

2. Position the paper or time card and adjust the screw accordingly. The print margin can be adjusted a maximum of 22mm (7/8"). There are ruler markings on both sides of the base plate to help you align the card.

Wall Mounting

1. Remove Wall Mount Bracket by pushing back on "A" top tabs. Then push "B" tabs down.
2. Securely mount bracket on wall using three #10 wood screws or equivalent.
3. Place the PIX-10 on the Wall Mount Bracket by sliding the top tabs into the slots on each side of the case. Push the PIX-10 back and down against the wall and bracket until the PIX-10 snaps into place. Be careful not to pinch the power cord with the bracket. Installing the cover case will secure the PIX-10 to the Wall Mounting Bracket.
To perform any programming instructions:

The PIX-10 accommodates two programming modes, normal and quick mode. Either mode can be used to program the printer. In quick mode, enter the password "8088". This normal program mode programs all the items in the PIX-10 (see chart 1) instead of the normal programming mode password of "8088". The benefit of the quick mode is that you only need to enter a password to program a specific print style and print direction.

1. Understanding the Front Panel
   - LCD Display Window
   - Manual Print / Change Button
   - Manual Print / Enter Button

   **PLUG IN POWER CORD**

2. **NOTE:** To exit programming mode and return to time display press the **RESET** button at any time.

   The **RESET** button is located on the right lower back side of the base.

Sheet 1: Programmed for Quick program mode.
Entering the quick program mode

The following steps describe how to get into the quick Program mode.

Note: Please refer to Chart 1 for password list.

1. Press and hold down the RESET button.
2. While holding down the RESET button, press and hold down the ENTER (right) button.
3. While holding down the ENTER (right) button, release the RESET button.
4. When Pr09 shows in the display, release the ENTER (right) button.

(Con't)
for Quick Program Mode

ions, steps must be followed in order.

be accessed simply by entering a particular password. To get into normal programming
For an easy, quick setup of a particular item in the PIX-10, enter a different password
quick programming mode is that every print style is assigned to a password. Therefore, it is

3 Entering the quick program mode (con't)

5. Press the ENTER (right) button again.
6. Press the CHANGE (left) button until the number you desire appears
   at the first digit, then press ENTER (right) button.
7. Press the CHANGE (left) button until the number you desire appears
   at the second digit, then press ENTER (right) button.
8. Press the CHANGE (left) button until the number you desire appears
   at the third digit, then press ENTER (right) button.
9. Press the CHANGE (left) button until the number you desire appears
   at the fourth digit, then press ENTER (right) button.
10. When the display flashes all of the four digits, press ENTER (right)
   button.

4 Setting the year, month and date

1. When the display flashes P , press ENTER (right) button.
2. Press the CHANGE (left) button until the correct year appears,
   then press ENTER (right) button.
3. Press the CHANGE (left) button until the correct month appears,
   then press ENTER (right) button.
4. Press the CHANGE (left) button until the correct date appears,
   then press ENTER (right) button.
5. When the display flashes the correct year, month and date,
   press ENTER (right) button.
6. When the display flashes P , press the CHANGE (left)
   button to move to Time Setting.

5 Setting the time

Note: Use 24 hour format and regular 60 minute format when setting the
time.

1. When the display flashes P , press ENTER (right) button.
2. Press the CHANGE (left) button to choose 12 hour AM/PM display
   or 24 hour military time, then press ENTER.
3. Press the CHANGE (left) button until the correct hour appears,
   then press ENTER (right) button.
4. Press the CHANGE (left) button until the correct minutes appears,
   then press ENTER (right) button.
5. When the display flashes the correct time, press ENTER (right) button.
6. When the display flashes P , press the CHANGE (left)
   button to move to the beginning of daylight saving time setting.
6 Setting the beginning of daylight saving time

Note: You will only need to program daylight saving time once.
Once the date has been set, it will automatically adjust year after year.

1. When the display flashes $P_b d L E$, press ENTER (right) button.
2. Press the CHANGE (left) button until the correct year appears, then press ENTER (right) button.
3. Press the CHANGE (left) button until the correct month appears, then press ENTER (right) button.
4. Press the CHANGE (left) button until the correct date appears, then press ENTER (right) button.
5. When the display flashes the correct year, month and date, press ENTER (right) button.
6. When the display flashes $P_b d L E$, press the CHANGE (left) button to move to the end of daylight saving time setting.

7 Setting the end of daylight saving time

Note: You will only need to program daylight saving time once.
Once the date has been set, it will automatically adjust year after year.

1. When the display flashes $P_e d L E$, press ENTER (right) button.
2. Press the CHANGE (left) button until the correct year appears, then press ENTER (right) button.
3. Press the CHANGE (left) button until the correct month appears, then press ENTER (right) button.
4. Press the CHANGE (left) button until the correct date appears, then press ENTER (right) button.
5. When the display flashes the correct year, month and date, press ENTER (right) button.
6. When the display flashes $P_e d L E$, press the CHANGE (left) button to move to the end of daylight saving time setting.

Note: To disable daylight saving, set the beginning and ending date to the same date.

8 Exit program mode

1. When the display flashes $E_n d$, press ENTER (right) button to exit program mode.
3 Entering the quick program mode

The following steps describe how to get into the quick Program mode.
Note: Please refer to Chart 1 for password list.

1. Press and hold down the RESET button.
2. While holding down the RESET button, press and hold down the ENTER (right) button.
3. While holding down the ENTER (right) button, release the RESET button.
4. When Pr09 shows in the display, release the ENTER (right) button.

(Con't)
for Quick Program Mode

ions, steps must be followed in order.

be accessed simply by entering a particular password. To get into normal programming
-10. For an easy, quick setup of a particular item in the PIX-10, enter a different password
quick programming mode is that every print style is assigned to a password. Therefore, it is

3 Entering the quick program mode (con't)

5. Press the ENTER (right) button again.
6. Press the CHANGE (left) button until the number you desire appears
at the first digit, then press ENTER (right) button.
7. Press the CHANGE (left) button until the number you desire appears
at the second digit, then press ENTER (right) button.
8. Press the CHANGE (left) button until the number you desire appears
at the third digit, then press ENTER (right) button.
9. Press the CHANGE (left) button until the number you desire appears
at the fourth digit, then press ENTER (right) button.
10. When the display flashes all of the four digits, press ENTER (right) button.

4 Setting the year, month and date

1. When the display flashes \texttt{P, dR EE}, press ENTER (right) button.
2. Press the CHANGE (left) button until the correct year appears,
then press ENTER (right) button.
3. Press the CHANGE (left) button until the correct month appears,
then press ENTER (right) button.
4. Press the CHANGE (left) button until the correct date appears,
then press ENTER (right) button.
5. When the display flashes the correct year, month and date,
press ENTER (right) button.
6. When the display flashes \texttt{P, dR EE}, press the CHANGE (left)
button to move to Time Setting.

5 Setting the time

Note: Use 24 hour format and regular 60 minute format when setting the
time.

1. When the display flashes \texttt{CL oc}, press ENTER (right) button.
2. Press the CHANGE (left) button to choose 12 hour AM/PM display
or 24 hour military time, then press ENTER.
3. Press the CHANGE (left) button until the correct hour appears,
then press ENTER (right) button.
4. Press the CHANGE (left) button until the correct minutes appears,
then press ENTER (right) button.
5. When the display flashes the correct time, press ENTER (right) button.
6. When the display flashes \texttt{CL oc}, press the CHANGE (left)
button to move to the beginning of daylight saving time setting.
6 Setting the beginning of daylight saving time

Note: You will only need to program daylight saving time once. Once the date has been set, it will automatically adjust year after year.

1. When the display flashes $P_3 b d L E$, press ENTER (right) button.
2. Press the CHANGE (left) button until the correct year appears, then press ENTER (right) button.
3. Press the CHANGE (left) button until the correct month appears, then press ENTER (right) button.
4. Press the CHANGE (left) button until the correct date appears, then press ENTER (right) button.
5. When the display flashes the correct year, month and date, press ENTER (right) button.
6. When the display flashes $P_3 b d L E$, press the CHANGE (left) button to move to the end of daylight saving time setting.

7 Setting the end of daylight saving time

Note: You will only need to program daylight saving time once. Once the date has been set, it will automatically adjust year after year.

1. When the display flashes $P_4 E d L E$, press ENTER (right) button.
2. Press the CHANGE (left) button until the correct year appears, then press ENTER (right) button.
3. Press the CHANGE (left) button until the correct month appears, then press ENTER (right) button.
4. Press the CHANGE (left) button until the correct date appears, then press ENTER (right) button.
5. When the display flashes the correct year, month and date, press ENTER (right) button.
6. When the display flashes $P_4 E d L E$, press the CHANGE (left) button to move to program end.

Note: To disable daylight saving, set the beginning and ending date to the same date.

8 Exit program mode

1. When the display flashes $E n d$, press ENTER (right) button to exit program mode.
9 Setting the language

1. When the display flashes \( P_b \, L \, n \, 9 \), press ENTER (right) button.
2. Press the CHANGE (left) button until the correct language appears, then press ENTER (right) button.
3. When the display flashes \( P_b \, L \, n \, 9 \), press the CHANGE (left) button to move to the print direction setting.

Please refer to the following language Table for language selections.

Language Table

<table>
<thead>
<tr>
<th>English</th>
<th>French</th>
<th>Italian</th>
<th>Roman</th>
<th>Common</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1 EN9</td>
<td>L3 Frn</td>
<td>L5 ITY</td>
<td>L7 R on</td>
<td>L9 Con</td>
</tr>
<tr>
<td>Spanish</td>
<td>German</td>
<td>Portuguese</td>
<td>Japanese</td>
<td></td>
</tr>
<tr>
<td>L2 SPn</td>
<td>L4 GER</td>
<td>L6 PT9</td>
<td>L8 JPn</td>
<td></td>
</tr>
</tbody>
</table>

10 Setting the print direction

1. When the display flashes \( P_r \, P_r \, d_r \), press ENTER (right) button.
2. Press the CHANGE (left) button until the correct direction appears, then press ENTER (right) button.
3. When the display flashes \( P_r \, P_r \, d_r \), press the CHANGE (left) button to move to the auto print setting.

Right Side Printing = LEFT Side Printing =

RIGHT LEFT
ERROR MESSAGES:

- O.5 Property
- 2.5 Jason, Restore Power and Press the Reset button.
- 4.5 Check the programming quality to ensure that you are in good condition. After reprogramming, check Power and Press the Reset button.
- 5.5 Check the programming quality to ensure that you are in good condition. After reprogramming, check Power and Press the Reset button.

TO REMOVE:
1. Pull the two catches "a" and middle fingers up and hold with index finger.

REPLACING THE RIBBON:
2. Insert the ribbon cassette. This will make ribbon move to the cassette. The item in the cassette cannot be inserted. Press the RESET button to move the ribbon mechanism down and a paper.

Sample Print Style code list:
Using the diagnostic routine

The diagnostic routine accommodates LCD segments check, number of print and a memory clear feature.

1. When the display flashes \( d_1 A_8 \), press ENTER (right) button.
2. When the display flashes \( d_1 L_2 \) (LCD segments check), press ENTER (right) button.
3. When all of the LCD segments are turned on, press the ENTER (right) button to advance to the next step.
4. When the display flashes \( n P_r t \) (total number of print), press ENTER (right) button.
5. The number of prints counted will be displayed. Press ENTER (right) button to advance to the next step.
6. When the display flashes \( C_L_r \) (memory clear), press ENTER (right) button.
7. To clear the memory and reset the defaults, press the CHANGE (left) button until 3 appears, then press ENTER (right) button. Press the CHANGE button until 2 appears, then press ENTER (right) button.
8. When the display flashes \( 3 2 \), press ENTER (right) button.

When the Memory is cleared, the value of the following features will automatically reset to the defaults.

Date: 01/01/95, Time: 12:00 AM, Daylight saving: off, Print style: '95 JAN 1 AM 12:00, Language: English, Right/Left print: right, Auto Print: on and Leading zero suppress: off.