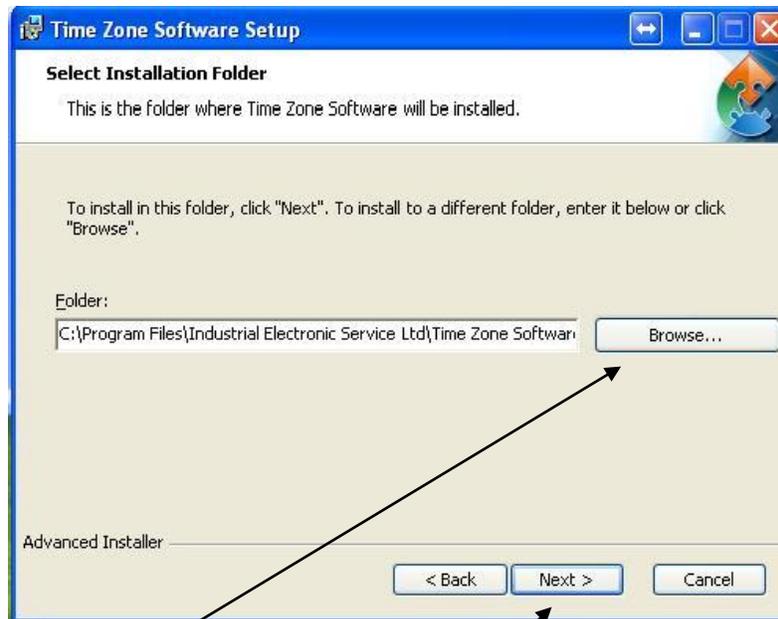


Time Zone Software v1.0 Manual

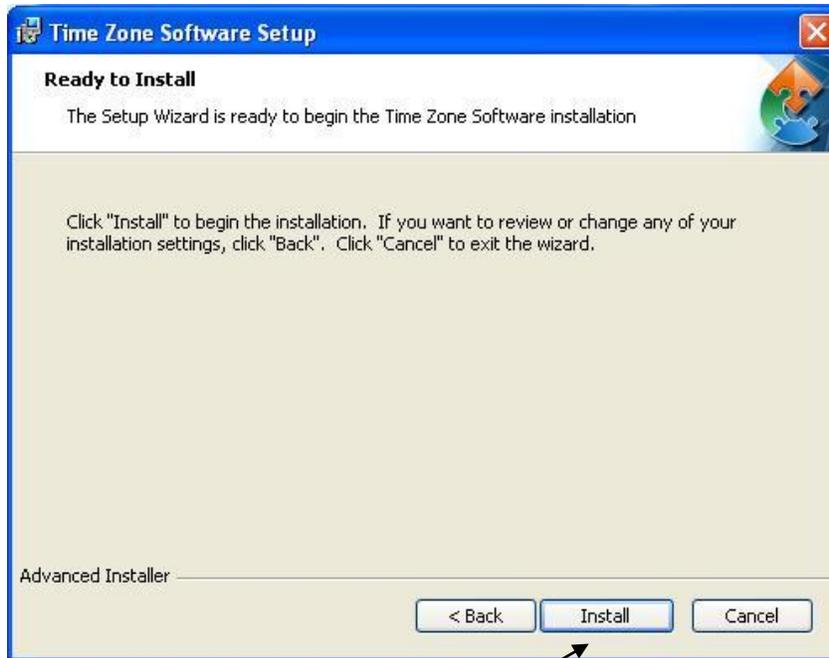
When installing the Time Zone Software go to My Computer and select your CD drive. Click on the Time Zone Software v1.0 file, the welcome to the Time Zone Software Setup Wizard will appear.



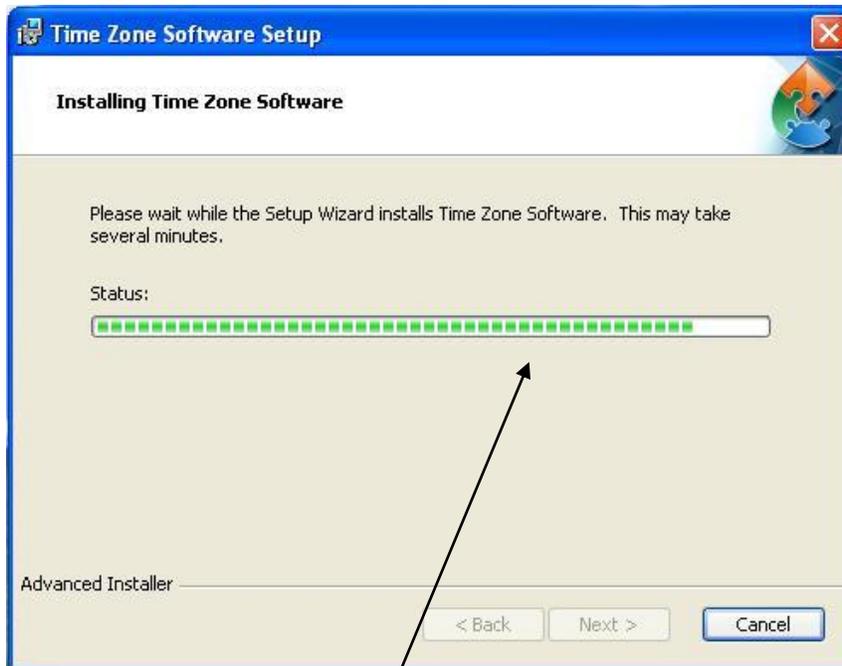
Click Next



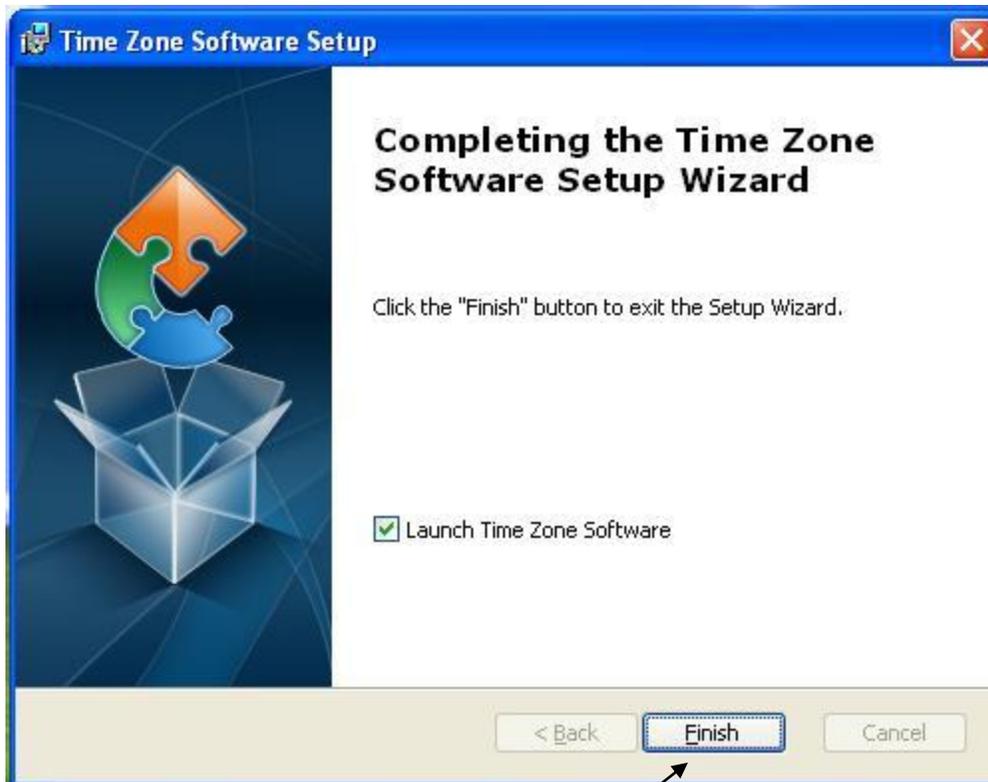
Select the directory you would like to install the software in. The default is Program Files. Click next after you selected the directory.



Click next to start the installation process.



When the status bar completes the software will be installed.

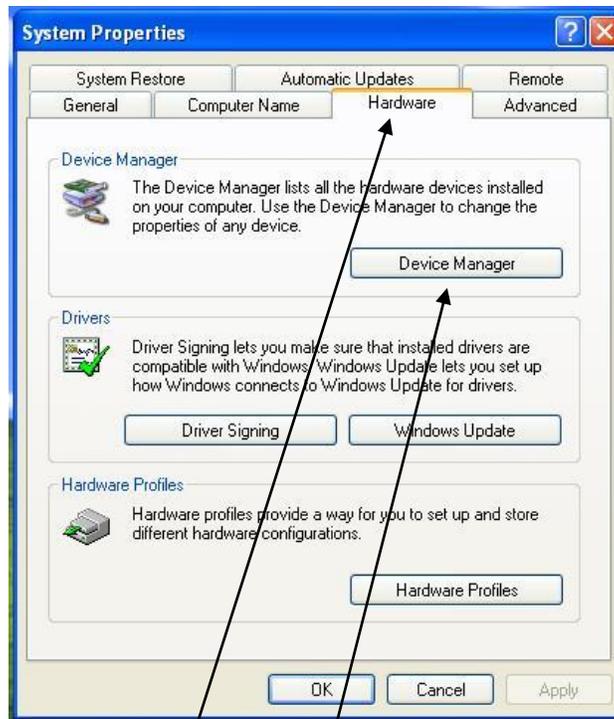


Click the Finish button and the Time Zone Software will launch.

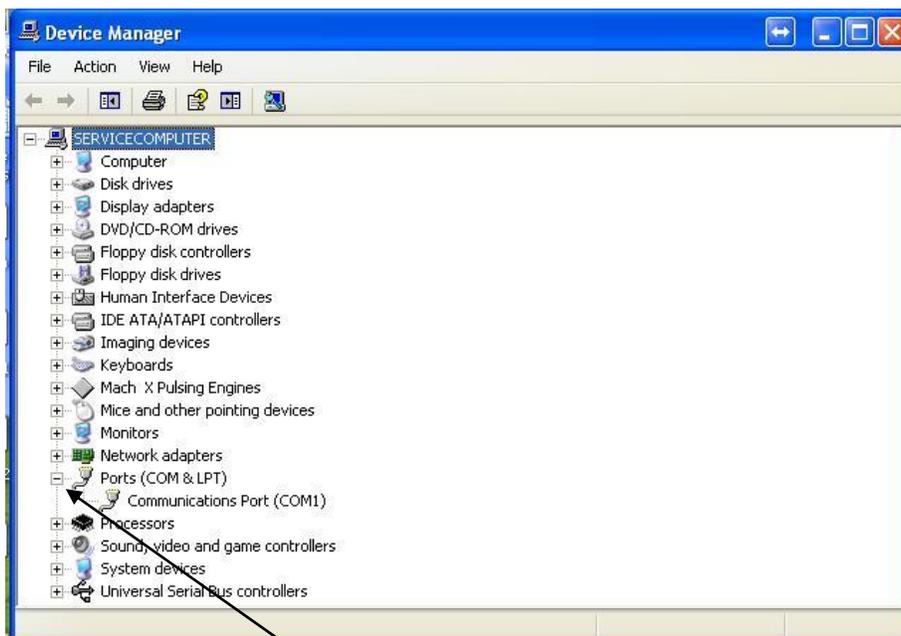
We will need to locate available **Com Ports** on the PC.



Right click on My Computer and click properties

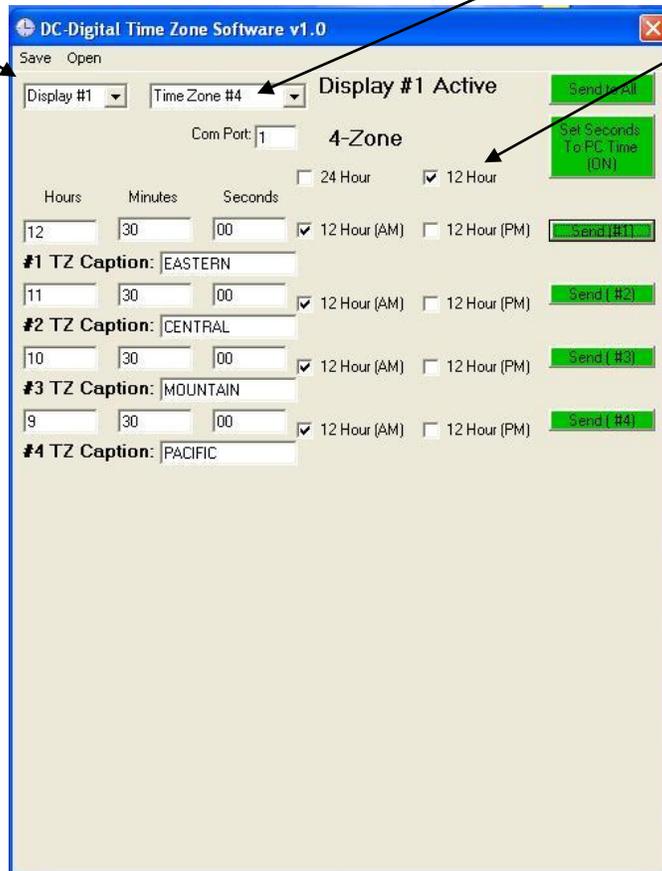


Select the hardware tab and then click on Device Manager.



Click on the ports list and see what available ports are on the PC. Choose what port you would like to use and connect the Time Zone Data cable to that port on the back of your computer.

Now it's time to open the Time Zone Software. There is an icon on the desktop and one located under start, all programs and under the Time Zone Software folder. The software defaults to a **four zone** display selected **12 hour** AM on **display #1**. When sending to a time zone or all of them at once the colons will flash.



DC-Digital Time Zone Software v1.0

Save Open

Display #1 Time Zone #4 Display #1 Active Send to All

Com Port: 1 4-Zone Set Seconds To PC Time (DN)

Hours Minutes Seconds 24 Hour 12 Hour

Hours	Minutes	Seconds	<input type="checkbox"/> 24 Hour	<input checked="" type="checkbox"/> 12 Hour	Send
12	30	00	<input checked="" type="checkbox"/> 12 Hour (AM)	<input type="checkbox"/> 12 Hour (PM)	Send (#1)
#1 TZ Caption: EASTERN					
11	30	00	<input checked="" type="checkbox"/> 12 Hour (AM)	<input type="checkbox"/> 12 Hour (PM)	Send (#2)
#2 TZ Caption: CENTRAL					
10	30	00	<input checked="" type="checkbox"/> 12 Hour (AM)	<input type="checkbox"/> 12 Hour (PM)	Send (#3)
#3 TZ Caption: MOUNTAIN					
9	30	00	<input checked="" type="checkbox"/> 12 Hour (AM)	<input type="checkbox"/> 12 Hour (PM)	Send (#4)
#4 TZ Caption: PACIFIC					

Select the Com Port you would like to use from the **Device Manager**.

To enter a caption, you can use **MAX 13** characters **A-Z**, **dash** and **space bar**.

After you have set up the hour, minutes, seconds, com port number, checked 24 hour or 12 hour you can save these by clicking **save** and reloading them by clicking **open**.

DC-Digital Time Zone Software v1.0

Save Open

Display #1 Time Zone #4 Display #1 Active Send to All

Com Port: 1 4-Zone Set Seconds To PC Time (ON)

Hours Minutes Seconds 24 Hour 12 Hour

12 30 00 12 Hour (AM) 12 Hour (PM) Send (#1)

#1 TZ Caption: EASTERN

11 30 00 12 Hour (AM) 12 Hour (PM) Send (#2)

#2 TZ Caption: CENTRAL

10 30 00 12 Hour (AM) 12 Hour (PM) Send (#3)

#3 TZ Caption: MOUNTAIN

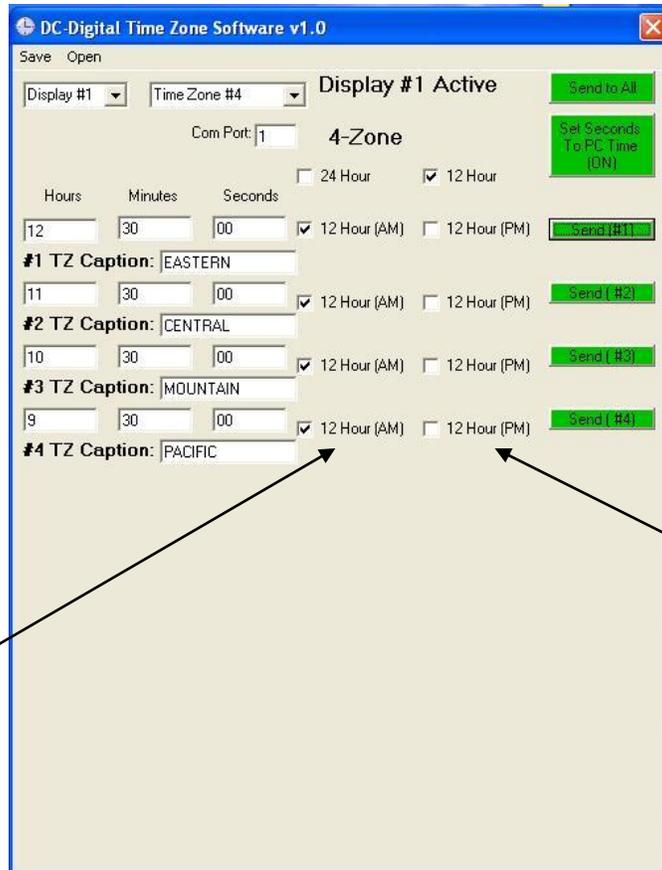
9 30 00 12 Hour (AM) 12 Hour (PM) Send (#4)

#4 TZ Caption: PACIFIC

Send to All is for sending all the information at once.

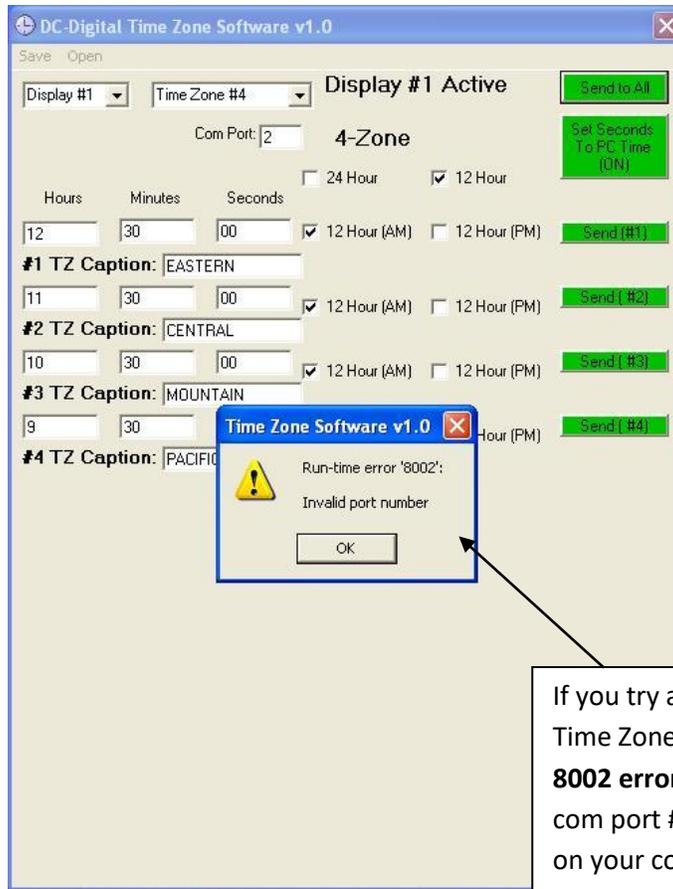
If you click on Set Seconds to PC Time it will update the seconds to the computer time.

Send #1 - #10 is used for just updating that one Time Zone.



12 hour AM will not display a dot in the upper left corner of each time zone display.

12 hour PM will display a dot in the upper left corner of each time zone display.



If you try and update your Time Zone Display & receive an **8002 error**, you have entered com port # that's not available on your computer. Click "Ok" and the program will close.

12 Hour Mode

Sends to All time zones in display.

The screenshot shows the 'DC-Digital Time Zone Software v1.0' window. At the top, there are 'Save' and 'Open' buttons. Below them are dropdown menus for 'Display #1' and 'Time Zone #10'. The main area is titled '10-Zone' and contains 10 rows of settings. Each row includes fields for Hours, Minutes, and Seconds, checkboxes for '24 Hour' and '12 Hour', and radio buttons for '12 Hour (AM)' and '12 Hour (PM)'. A 'TZ Caption' field is present for each zone. On the right side of each row is a green 'Send' button. A 'Send to All' button is located at the top right. A 'Set Seconds To PC Time (ON)' button is also visible.

To enter a caption, you can use MAX 13 characters A-Z, dash and space bar.

Sends to just that time zone in the display # you choose.

When choosing AM or PM on the #1 time zone the rest of the time zones will default to that setting. After you have chosen the AM or PM on the first time zone you can change the other time zones next.

DC-Digital Time Zone Software v1.0

Save Open

Display #1 Time Zone #10 Display #1 Active

Com Port: 1 10-Zone

24 Hour 12 Hour

Hours Minutes Seconds

12 30 00 12 Hour (AM) 12 Hour (PM)

#1 TZ Caption: EASTERN

11 30 00 12 Hour (AM) 12 Hour (PM)

#2 TZ Caption: CENTRAL

10 30 00 12 Hour (AM) 12 Hour (PM)

#3 TZ Caption: MOUNTAIN

9 30 00 12 Hour (AM) 12 Hour (PM)

#4 TZ Caption: PACIFIC

8 30 00 12 Hour (AM) 12 Hour (PM)

#5 TZ Caption:

7 30 00 12 Hour (AM) 12 Hour (PM)

#6 TZ Caption:

6 30 00 12 Hour (AM) 12 Hour (PM)

#7 TZ Caption:

5 30 00 12 Hour (AM) 12 Hour (PM)

#8 TZ Caption:

4 30 00 12 Hour (AM) 12 Hour (PM)

#9 TZ Caption:

3 30 00 12 Hour (AM) 12 Hour (PM)

#10 TZ Caption:

Send to All

Set Seconds To PC Time (ON)

Send (#1)

Send (#2)

Send (#6)

Send (#7)

Send (#8)

Send (#9)

Send (#10)

In 12Hr mode you can enter 1-12 in the hours.

In 12Hr mode you can enter 1-59 or 01-59 in the seconds manually or click the **Set Seconds to PC Time**

In 12Hr mode you can enter 1-59 or 01-59 in the minutes.

DC-Digital Time Zone Software v1.0

Save Open

Display #1 Time Zone #10 Display #1 Active Send to All

Com Port: 1 10-Zone

24 Hour 12 Hour

Hours Minutes Seconds 12 Hour (AM) 12 Hour (PM) Send [#1]

#1 TZ Caption: EASTERN

11 30 18 12 Hour (AM) 12 Ho

#2 TZ Caption: CENTRAL

10 30 18 12 Hour (AM) 12 Ho

#3 TZ Caption: MOUNTAIN

9 30 18 12 Hour (AM) 12 Ho

#4 TZ Caption: PACIFIC

8 30 18 12 Hour (AM) 12 Hour (PM) Send [#5]

#5 TZ Caption:

7 30 18 12 Hour (AM) 12 Hour (PM) Send [#6]

#6 TZ Caption:

6 30 18 12 Hour (AM) 12 Hour (PM) Send [#7]

#7 TZ Caption:

5 30 18 12 Hour (AM) 12 Hour (PM) Send [#8]

#8 TZ Caption:

4 30 18 12 Hour (AM) 12 Hour (PM) Send [#9]

#9 TZ Caption:

3 30 18 12 Hour (AM) 12 Hour (PM) Send [#10]

#10 TZ Caption:

Set Seconds
To PC Time
(OFF)

If you have turned the **Set Seconds to PC Time (ON)** you can turn it off by clicking the red (OFF) button.

24 Hour Mode

DC-Digital Time Zone Software v1.0

Save Open

Display #1 Time Zone #10 Display #1 Active

Com Port: 1 10-Zone

24 Hour 12 Hour

Hours Minutes Seconds

#1 TZ Caption: EASTERN 12 Hour (AM) 12 Hour (PM)

#2 TZ Caption: CENTRAL 12 Hour (AM) 12 Hour (PM)

#3 TZ Caption: MOUNTAIN 12 Hour (AM) 12 Hour (PM)

#4 TZ Caption: PACIFIC 12 Hour (AM) 12 Hour (PM)

#5 TZ Caption: 12 Hour (AM) 12 Hour (PM)

#6 TZ Caption: 12 Hour (AM) 12 Hour (PM)

#7 TZ Caption: 12 Hour (AM) 12 Hour (PM)

#8 TZ Caption: 12 Hour (AM) 12 Hour (PM)

#9 TZ Caption: 12 Hour (AM) 12 Hour (PM)

#10 TZ Caption: 12 Hour (AM) 12 Hour (PM)

Sends to All time zones in display.

24 Hour select box. If you have check it will gray out the 12 hour check boxes.

Sends to just that time zone in the display # you choose.

The screenshot shows the DC-Digital Time Zone Software v1.0 interface. At the top, there are menu options 'Save' and 'Open', and a status bar 'Display #1 Active'. Below this, there are dropdown menus for 'Display #1' and 'Time Zone #10', and a '10-Zone' label. A 'Send to All' button is visible. The main area contains a grid of 10 time zone settings. Each setting includes input fields for 'Hours', 'Minutes', and 'Seconds', a 'TZ Caption' field, and radio buttons for '12 Hour (AM)' and '12 Hour (PM)'. A '24 Hour' radio button is selected. A 'Set Seconds To PC Time (ON)' button is located at the top right. Four callout boxes provide instructions:

- Box 1 (top left): 'In 24Hr mode you can enter 0-23 or 00-23 in the hours.' with an arrow pointing to the 'Hours' field of the first zone.
- Box 2 (top right): 'In 24Hr mode you can enter 1-59 or 01-59 in the seconds manually or click the Set Seconds to PC Time' with an arrow pointing to the 'Set Seconds To PC Time (ON)' button.
- Box 3 (middle left): 'In 24Hr mode you can enter 1-59 or 01-59 in the minutes.' with an arrow pointing to the 'Minutes' field of the third zone.
- Box 4 (bottom right): 'To enter a caption, you can use MAX 13 characters A-Z, dash and space bar.' with an arrow pointing to the 'TZ Caption' field of the sixth zone.

If you have any questions please contact Industrial Electronic Service at 937-746-9750

Industrial Electronic Service / DC-Digital

325 Industry Dr. Carlisle, OH 45005