WI-130 / WPI-135
PDOX Unattended System

Documentation

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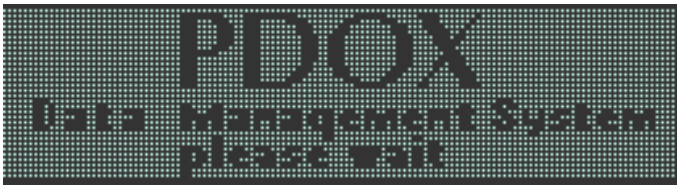
INTRODUCTION

The **WI-130 PDOX Unattended System** works in conjunction with a computer operating the **PDOX Truck Scale Management System**. In order for the unattended system to work, the computer must have the PDOX system currently loaded and running. When the WI-130, containing the Unattended System, is first powered on, the following startup screen appears.



[Figure 1 - Startup Screen]

When the computer and the WI-130 are communicating, the startup screen disappears, and the following main menu screen appears. If communication between both units has not been established, the previous screen will remain displayed.

[Figure 2 - Main Menu]

Before using the unattended system, all vehicles, customers, and materials must be setup in the **PDOX Truck Scale Management System** on the computer. Follow the instructions on pages 3-1 through 3-8 of the PDOX Users Manual for entering these items. The System Parameters for the PDOX system in the computer also needs to be setup. See pages 6-4 through 6-8 of the PDOX Users Manual.

Please call the PDOX Support Group for help with special setup items.

When setting up materials in the PDOX system, set the unit of measure for each material as TONS.

OPERATION

To begin processing trucks, scan the vehicle ID barcode card or press the **ENTRY(F3)** key on the main menu screen shown in *Figure 2* . The screen shown below in *Figure 3* appears, prompting the user to press the appropriate function key. Press the **TRUCK(F1)** key, and either scan the vehicle ID barcode card or manually enter the number of the truck currently on the scale (*see Figure 4*).

[Figure 3]

[Figure 4]

The WI-130 will communicate with the PDOX program on the computer to verify the truck ID. This may take several seconds. If the ID is valid, the truck number, customer number, and default material number will appear on the WI-130 display, as shown below in *Figure 5*. If the truck ID is invalid, the WI-130 will display a message saying "VEHICLE NOT SETUP".

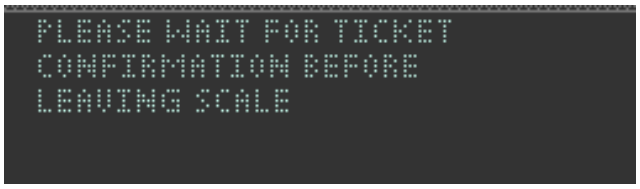
[Figure 5]

If the displayed information is correct, press the **DONE(F5)** key. The unattended system will return to the main menu screen, as shown below in *Figure 6*.

[Figure 6]

At this point, press the **ACCEPT(F4)** key to accept the transaction. The WI-130 displays the screen shown below in *Figure 7*, while communicating with the PDOX

program on the computer. The information and weight from the scale are transmitted to the PDOX program and stored in the appropriate tables.



[Figure 7]

INBOUND TRANSACTION

If this is an inbound transaction, then the WI-130 will display the first of two messages for a few seconds:

COMPLETING AND PRINTING
IN-YARD PASS.

The final message will be: CONTINUE INTO THE YARD AND PLEASE
STOP ON THE WAY OUT TO FINISH TKT.

The WI-130 then prints an inbound ticket similar to the format shown below.

```
In-Yard Pass

Date    : 05-14-01 Time In : 09:10:13

Truck   : AAA100
Customer: AAA
Mat     : GRAVEL

Gross   : 36420 lb
Tare    :     0 lb
```

The screen then returns to the main menu screen, shown in *Figure 2*, awaiting entry of another truck ID.

OUTBOUND TRANSACTION

If this is an outbound transaction, then the WI-130 will display the first of two messages for a few seconds:

COMPLETING AND PRINTING
OUTBOUND TICKET.

The final message will be: TICKET IS COMPLETE
PLEASE CONTINUE.

The WI-130 then prints an outbound ticket similar to the format shown below.

```
COMPLETED TICKET

Ticket : 1002      Date    : 05-14-01
Time In: 09:10:13  Time Out: 09:38:15

Truck   : AAA100
Customer: AAA
Mat     : GRAVEL

Gross   : 65200 lb
Tare    : 36420 lb
-----------------
Net     : 28780 lb

Units    :   31.63 TONS
* Price  : $  2.00
---------------------
Net Price: $ 63.26
+ Fee 1  : $  0.00
+ Fee 2  : $  0.00
---------------------
Total    : $ 63.26
```

The screen then returns to the main menu screen, shown in *Figure 2*, awaiting entry of another truck ID.

Special Note regarding the ACCEPT key on the main menu

If the ACCEPT(F4) key is pressed without a Vehicle ID having been entered, the WI-130 displays the following message:

VEHICLE ID BLANK
ANY KEY TO CONTINUE

Special Note regarding the CLEAR key on the main menu

There may be occasions when the values, displayed after the DONE key is pressed, need to be cleared for some reason, prior to pressing the ACCEPT key. One reason may be that the wrong truck ID, customer, or material are displayed. The operator may desire to clear these values and start over. To do this, press the **CLEAR(F5)** key on the main menu. The following message is displayed:

[Figure 8]

Selecting “NO” leaves the values as they are and the system returns to the main menu. Selecting “YES” clears the values and returns to the main menu.

Adding or Changing Transaction Data

If the information displayed, as shown previously in *Figure 5*, is incorrect, or additions or changes to other data are required, these can be made prior to pressing the DONE key. The screen in *Figure 5* contains menu selections for Truck, Job, and Customer. Other selections can be accessed by pressing the **MORE(F4)** key. An additional menu screen appears, which is shown below in *Figure 9*.

[Figure 9]

This screen contains menu selections for Source, Location, Product(material), and Container. If any of these items need to be added or changed in the ticket transaction, press the appropriate key and enter the desired value. When finished, press the **DONE(F5)** key to return to the previous screen as shown in *Figure 5*. Press the **DONE(F5)** key again to return to the main menu screen shown in *Figure 6*. Then, the **ACCEPT(F4)** key can be pressed to finish the transaction.

SYSTEM CONFIGURATION

Serial Port 1 of the WI-130 is used to communicate with the computer running the PDOX Truck Scale Management System. Serial Port 1 is configured as follows:

Baud Rate:	9600
Parity:	None
Data Bits:	8
Handshake:	None
Mode:	Basic Control
End of Message:	3

Serial Port 2 of the WI-130 is used for the barcode card reader and Star Micronics printer. Serial Port 2 is configured as follows:

Baud Rate:	9600
Parity:	None
Data Bits:	8
Handshake:	None
Mode:	Keyboard
End of Message:	13

Using a Keyboard

If using a keyboard with the WI-130 PDOX Unattended System, the F1-F5 keys on the keyboard correspond to the soft-keys on the WI-130 menus. See the example shown below.

F1 **F2** **F3** **F4** **F5**

Wiring

WI-130 Port 1	9-pin connector
XMT	2
REC	3
GND	5

WI-130 Port 2	
XMT	Red wire to printer
REC	Red wire from scanner
GND	Yellow wire that combines black wires from printer & scanner

WI-130 TB14	
12V	Green wire from scanner
GND	White wire from scanner