ANYLOAD®

805TS Labrador Software Instructions



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1. Overview

1.1 Functions

Labrador is designed and applicable specifically to 805TS indicator only. The main functions are as follows:

1. Perform a complete setup of 805TS indicator from PC (Windows based PC).
2. The setup parameters can be saved directly using the PC instead of using the indicator's front panel.
3. All of the parameters are visible in a single interface that makes easier for the user to do changes of settings.
4. Easier and faster to make personalized label and print outputs.

1.2 Interface and Buttons

1.2.1 The Main Interface

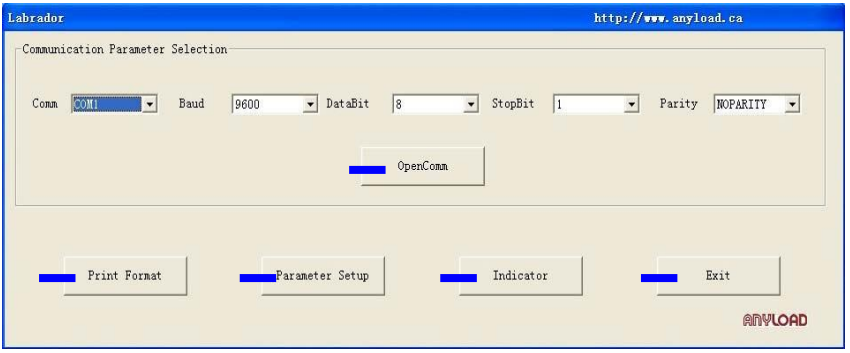


Figure 1.2.1 Main Interface

OpenComm – Setting the parameters for data transmission between the software and PC.

Comm - Transmission port

Baud - Baud rate
DataBits - Number of data Bits
Stop Bit - Stop Bit
Parity - Parity mode

Print Format - Setting the print format. Click and will enter into the Print Format Interface (see figure 1.2.2).
Parameter Setup - Setting the parameters of 805TS indicator. Click and will enter into the 805TS Setup Interface (see figure 1.2.3).
Indicator - The software interface of 805TS indicator.
Exit - Closing the software.

1.2.2 Print Format Interface (see Figure 1.2.2)

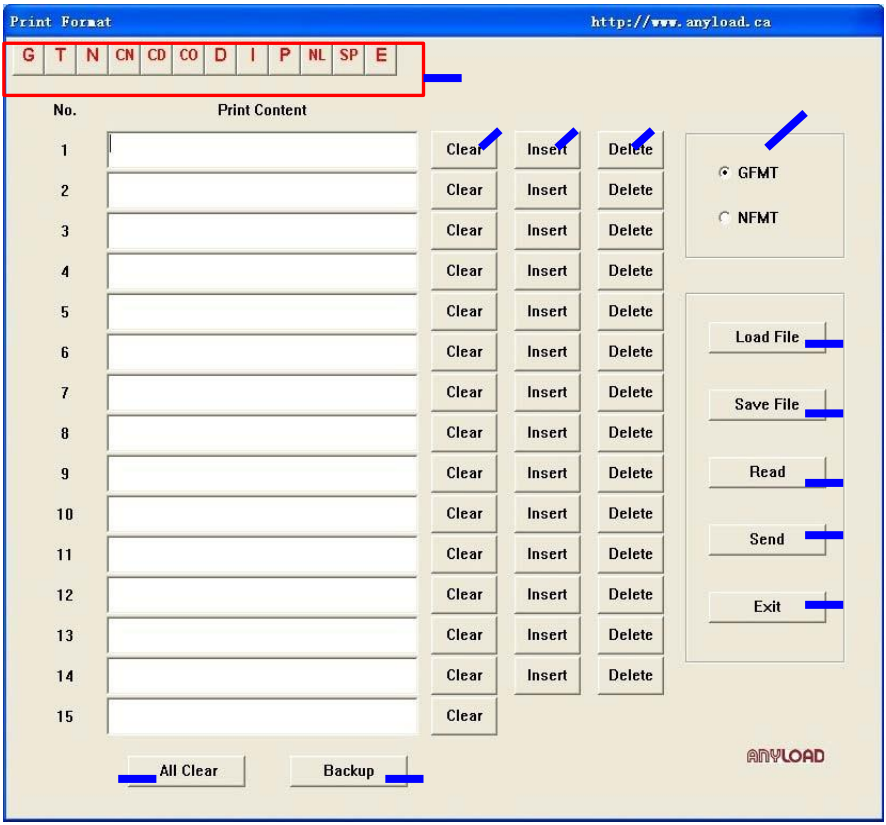


Figure 1.2.2 Set Print Format Interface

Clear， Clear the content in the text-frame.
Insert, Insert a blank line in front of this line.
Delete, Delete this line.
Option Box: Set GFMT or NFMT print format.
Load File, Open the previous setup file.
Save File, Save the current settings to file.
Read, Read out the current print content script of indicator.
Send， Write the current settings to the indicator
Exit, Closing the form.
Backup, Restore to the last print script.
All Clear, Clear all the contents in text-frame of the interface.
Print Command, Drag these commands to the print content line to print out the corresponding content.

1.2.3 805TS Setup Interface (see Figure 1.2.3)

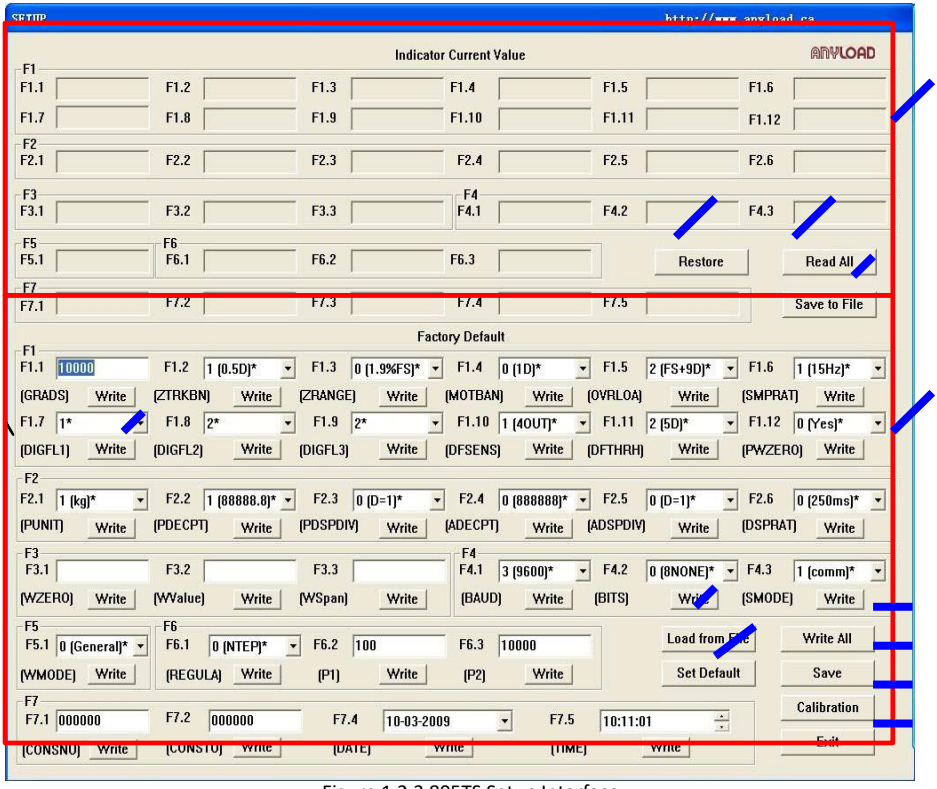


Figure 1.2.3 805TS Setup Interface

Indicator Current Value, Display the current parameters which have already set and saved to the indicator.
Restore, Restore to the previous setup of the indicator.
Read All, Read and show the current configurations in the indicator.
Save to File, Save the current setup of the indicator to file.
Factory Default, Display all the parameters of the indicator and to change any parameter based on your application needs.
Write, Change one parameter and write it to the indicator
Load From File, Open the previous setup file
Set Default, Restore to default setup.
Write All, Write all the parameters into the indicator once.
Save, Save the new value that have been changed
Calibration, Calibration of the indicator.
Exit, Close the interface.

1.2.4 Software Interface of Indicator (see Figure 1.2.4)

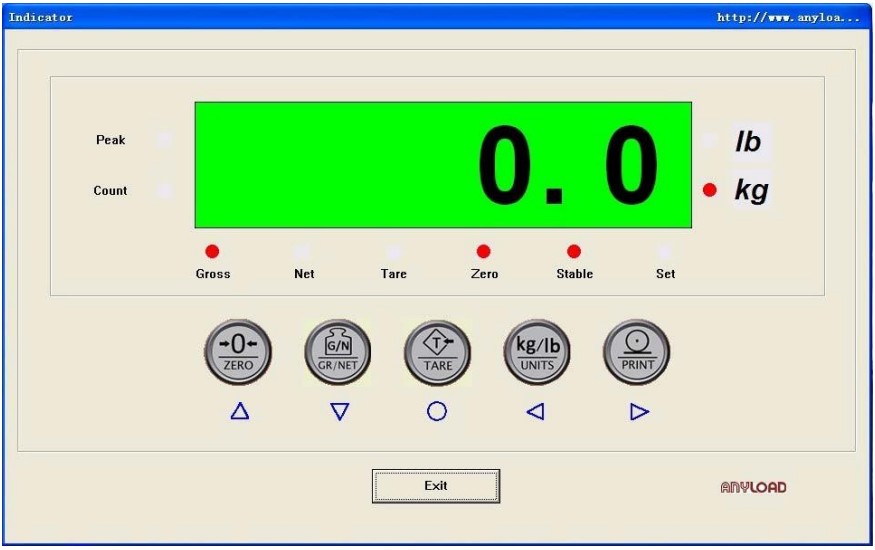


Figure 1.2.4 Software Interface of indicator

2. Connection

First, remove the back panel of 805TS indicator.

2.1 Connect 805TS to PC

Desktop or Notebook PC

Connect 805TS indicator to RS232 port of PC following the wiring configuration shown in figure 2.1 below. You must install the proper driver if using a USB TO RS232 cable.

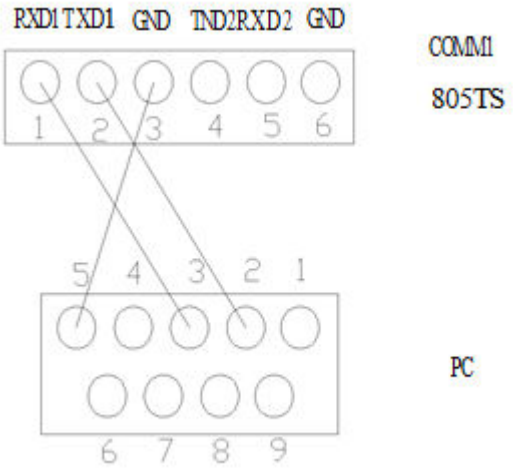


Figure 2.1 805TS connect to printer

2.2 Connect 805TS to Printer

Identify the three wires labeled RXD, TXD, GND in the serial data line of the printer then connect the wires to 805TS refer to Figure 2.2.

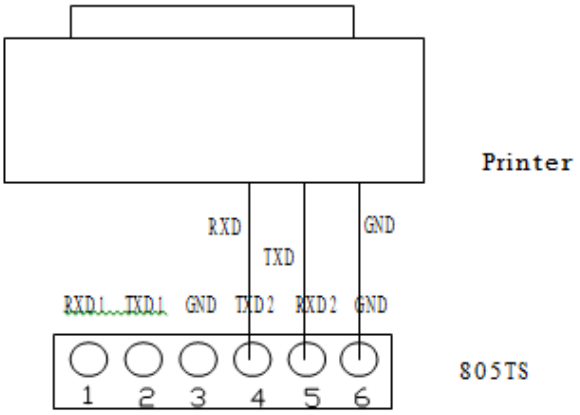
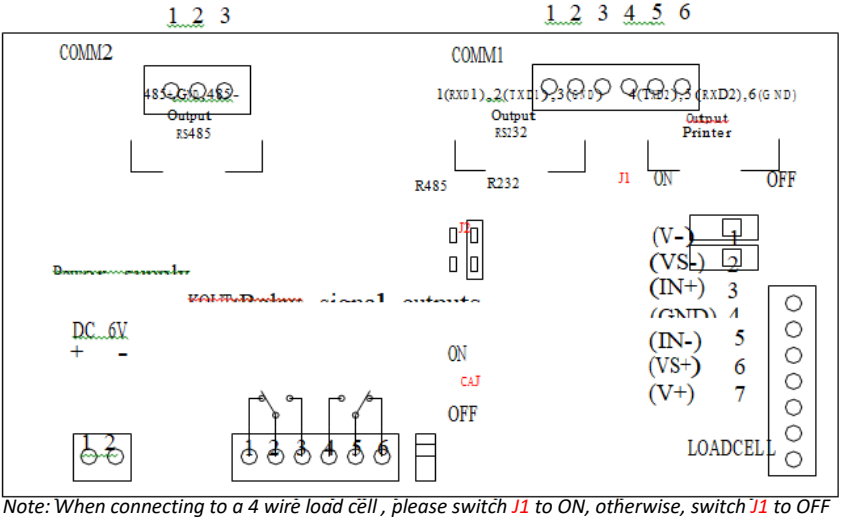


Figure 2.2 805TS connect to printer

Reset the internal parameters of the printer, make sure the settings of three parameters shall be as follows:

1. Parity : No Parity
2. Bit Rate : 9600 Bauds
3. Bits : 8 Bits

2.3 Connect the Indicator to Load Cell



Note: When connecting to a 4 wire load cell , please switch J1 to ON, otherwise, switch J1 to OFF

Figure 2.3 805TS Connect to Load Cell

3. Using the Software

Remove the sealing panel located at the upper right corner of the indicator, switch on CAJ jumper. //*Note: The CAJ jumper must be switched on once you want to do configuration operations.*

3.1 Set parameters for data transmission

Open Labrador.exe. Enter into Main interface.

Set the parameters of data transmission between software and PC. Note, the parameter of Comm must be set with the transmission port setting in the PC or else the indicator cannot transmit data successfully to PC

3.2 Set parameters of 805TS

Click “Setup”, enter into 805TS Setup Interface

Click “Read All”, read out the previous setup value of indicator. (Sometimes it will pop-up an error message because of transmission problem. Try again until you can read out the information successfully.)

According to your applications, select operations as follows:
(Refer to the manual of 805TS for details on indicator parameters)

1. Save the values the have been read out.
   Click “Save to File” to save
2. Change one parameter alone
   a. Change the value and click “Write” to send the configuration to indicator.
   b. Click “Save” to save new configuration
3. Change several parameters or more
   a. Click “Write All” after change the value to send the configuration to indicator
   b. Click “Save” to save new configuration
4. Load a previous setup from file
   a. Click “Load from File” to load a previous setup
   b. Click “Write All” to send the setup to indicator

c. Click “Save” to save new configuration

5. Restore to the last configuration
   a. Click “Restore” to Restore to the last configuration
   b. Click “Write All” to send the setup to indicator
   c. Click “Save” to save new configuration
6. Restore to the default setup (factory settings when the product leaves the factory)
   a. Click “Set Default”, a dialog pop-up with hint “Please enter the password”.
   b. Enter password “0711”.

Calibration of 805TS indicator *(Note: It’s required to turn on the CAJ button at the back of indicator when doing calibration using the software.)*
Click “Calibration” and will pop-up a dialog, (see figure 3.2.1)



Figure 3.2.1 “WZERO” Dialog

According to the hint of the "WZER0" dialog:

(1)If the test weights do not require hooks or chains, remove all weight from the scale platform.
(2)If the test weights require hooks or chains, place the hooks or chains on the scale.

Click “WZREO” to start zero, then "WVALUE" dialog pop-up when zero process finished.(see figure 3.2.2)

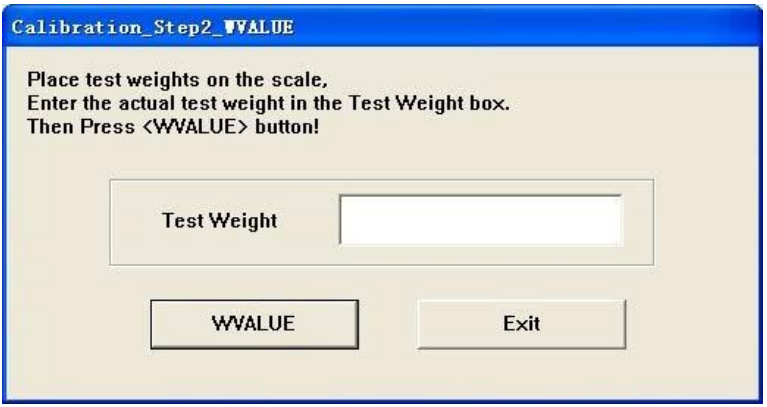


Figure 3.2.2 “WVALUE” Dialog

According to the hint of the "WVALUE" dialog: Place test weights on the scale, enter the actual test weight in the Test Weight box, the click “WVALUE”. (*Note: The Test Weight box do not support the importation of the decimal point, for example if the test weight weigh 500g and you have to set one decimal point then you should enter 5000*)

Click “WVALUE” then "WSPAN" dialog pop-up.(see figure 3.2.3)

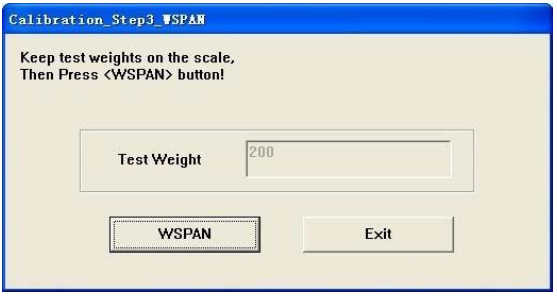


Figure 3.2.3 “WSPAN” Dialog

According to the hint of the "WVALUE" dialog: Keep test weights on the scale , then click “WSPAN”. After that "REZERO" dialog pop-up.(see figure 3.2.4)



Figure 3.2.4 “REZERO” Dialog

1. If the next application requires hooks or chains, place the hooks or chains on the scale, then click “REZERO” to start the process of zero the scale.
2. If the next application does not require hooks of chains, click “EXIT’ to finish calibration.

Calibration on 805TS is finished, "OK" dialog pop-up.(see figure 3.2.5)



Figure 3.2.5 “WSPAN” Dialog

Calibration is finished, exit from “805TS Setup Interface”. (see figure 3.2.6)



Figure 3.2.6 “Labrador” Dialog

3.3 Set print format

Note: To use print function please ensure that the parameter values in F4.3 is "1" - command mode

Exit from 805TS Setup Interface, click "Print Format" button in the main interface, enter into the Print Format Interface.

Enter the print content, you can directly drag the print command symbols which are in the upper left corner of the interface.

For the description of the commands, refer to table below:

<G>	Gross weight in displayed units. The format is “XXXXXXX UU” where “XXXXXXX” is the weight and “UU” is the unit
<N>	Net weight in displayed units. Same format as in <G> command
<T>	Tare weight in displayed units. Same format as in <G> command.
<CN>	Consecutive number. The Format is “XXXXXX”. See Section 7-1. For print consecutive number setting.
<CD>	Count item code (used only when Count Mode is set). The format is “XX”. See Section 1.5.3.6 for count item code setting.
<CO>	Count item quantity (used only when Count Mode is set). The format is “XXXXX”.
<D>	Date of printing. Format : dd-mm-yy, where dd is the day, mm is the month and yy is the year.
<I>	Time of printing. Format : HH:MM:SS, where HH is the hour, MM is the minute and SS is the second.
<P>	Peak mode value (used only when Peak Mode is set). The format is “XXXXXXX” (including decimal point)
<NL*nn*>	New line (nn is the number for CR and LF. Value must be in the range 1-99. If nn is not specified, 1 is assumed).
<SP*nn*>	Space (nn=number of space. Value must be in the range 1-99. If nn is not specified, 1 is assumed).
<E>	Command to complete print format setting. If a command is not ended with the <E> command, indicator is operated without print mode

Table 1 Print Format Commands

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