

Initial Set Up at a Glance - Using the FB1200 Viewer Utility

Setting Up the FB1200 via the FB1200 PC Viewer

Download the FB1200 Viewer to your PC
Available on the Fairbanks Intranet FB1200 Product Page
or at https://linktr.ee/Fairbanks_FB1200

Fairbanks Tech-Lynk Cable required for PC Viewer (PN38081)



Starting a Session

1. Connect the Tech-Lynk cable to the optical ports on the front panel of the FB1200 and to the USB port of your PC
2. Open the FB1200 Viewer on your PC
3. Select "Start Session"
 - a. Pop up screen will prompt for connection settings
 - i. Select appropriate COM Port
 - ii. Select cable type being used
 - b. Select "Start Session" again
 - i. For technician use, select "Service Setup" menu



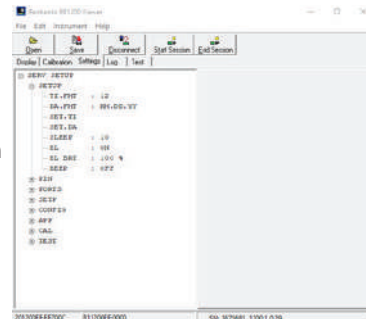
Changing Display Settings of the FB1200

TIME & DATE Format

- TI.FMT - for changing the time format between 12 hr / 24 hr
- DA.FMT - for changing the arrangement of the date

SETTING TIME & DATE

1. Select "Instrument" above the Save icon
2. Select "Set Date/Time"
3. Select "Set"
4. Prompt for "Send PC Date/Time" will appear
 - Select OK
5. Current Date/Time set on the PC will pull through and set time/date on the instrument



SLEEP

- Sleep - Change screen sleep mode from OFF, 5, 10, 20, 30 or 60 seconds

BACK LIGHT

- BL - Change back light setting from OFF, ON or AUTO

BACK LIGHT BRIGHTNESS (comes factory set at 60%)

- BL BRT - Change brightness levels for viewer optimization (5% - 100%)

FRONT PANEL BUTTON BEEP

- Beep - Change tone from OFF to ON depending on customer requirements

Setting the PIN for Service and Supervisor Access

SERV SETUP

- PIN: SERV - Service PIN (0 to 9999)
- SUPER - Supervisor PIN (0 to 9999)

Configuring for Capacity and Division

1. Open CONFIG menu structure
2. Set D.1 to division size
3. Set CAP.1 to capacity of scale
4. Set P.UNIT to primary unit of measure
 - a. Set UNIT.2 and/or UNIT.3 if needed
5. Set any other parameters needed for application as needed
6. Select "Save" at top of viewer to save changes



Calibrating the FB1200 to a Scale Platform

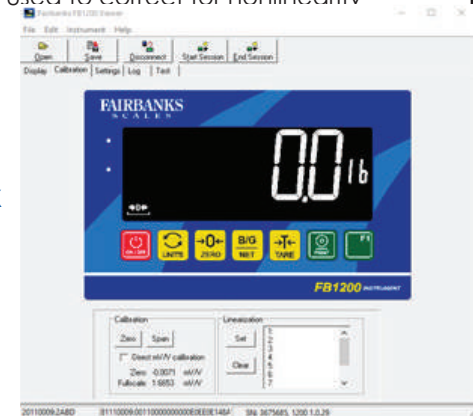
ZERO/SPAN Calibration

1. Select the "Calibration" tab
2. Ensure that the **Direct mV/V Calibration** is **NOT** checked
3. With the scale unloaded, press the **ZERO** button in the Calibration box
4. "Z in P" will appear on the front panel and the Viewer window
5. When complete, the display should show a zero weight
6. Add a known weight to the scale
7. Press "SPAN" on the Viewer
8. A window will appear to enter the calibration weight
9. Type in the calibration weight and press OK
10. "S in P" will appear on the display
11. When complete, the scale should show the calibrated weight
12. The **Zero** and **Full Scale mV/V** values will update in the viewer window

Multipoint Linearization









Up to 10 additional calibration points can be used to correct for nonlinearity

1. Place weight on the scale (less than the capacity of the scale)
2. Click on "1:" in the **Linearization box**
3. Click "SET"
4. A box will appear requesting the calibration weight
5. Enter the calibration weight and click **OK**
6. L in P will appear on the display (when complete, current wgt will display)
7. The percentage of capacity of the last weight will appear after "1:"
8. Repeat steps 2 - 8 for up to nine additional values
9. If two steps aren't far enough apart, "ERROR 10 - Linearization point too close" will appear
Add weight to the latest sample and try again



FB1200 Quick Calibration Guide (Front Panel)






Accessing the Calibration Menu

1. Enter the FB1200 setup menu using the rear setup switch or holding the  and  keys.
2. Use  to select SERV and press  to enter.
3. (Optional) If there is a service password configured, the FB1200 will display "P.CODE?" Press 
 - a. Enter the passcode using the FB1200 Front Panel Button Navigation (below).
 - b. When the last digit is highlighted, press  to submit.
4. Press  repeatedly until CAL is displayed, press  to enter.






Description
This guide lays out the procedure for performing a zero-span calibration of the FB1200 instrument through the front panel.

Installation
The FB1200 should be properly wired to the scale and configured according to the FB1200 Service Manual. (51512)





CAL:ZERO Zero Calibration Routine

1. Press the  key until CAL is shown, Press the  key to show the CAL:ZERO setting (displays ZERO CAL?)
2. Press the  key to continue. The display will show CONT? and then the current weight. Remove all weight from the scale
3. Press the  key to start the zero calibration. The display will show "Z in P" to indicate that the calibration is in progress. When the process is complete, the display will show "DONE" and then the weight to allow the zero to be checked.
4. Press the  key to exit zero calibration and return to the calibration menu.

CAL:SPAN Span Calibration Routine

1. SPAN CAL? will be displayed, Press  to continue.
2. Add the test weigh to the scale.
3. Press  and enter the actual weight on the scale using the front panel button navigation.
4. When the last digit is highlighted, press  to enter.
5. "S IN P" will display to indicate that the span is in progress.
6. Press the  key to display the uV/d and returns to the calibration menu.
7. Press  until "1200" is displayed and the instrument returns to the main weigh screen.

FB1200 Front Panel Button Navigation

	→ Advance to the next digit		→ Decrement the selected digit
	→ Increment the selected digit		→ Return to the previous digit

Disclaimer
 Every effort has been made to provide complete and accurate information. Reference the manual (51512) or the FB1200 Quick Calibration Guide for complete information.

If you have any questions, please contact the Fairbanks Distribution Support team, Product Manager or Technical Support