

SOP - How to Configure a Digi-Star GT 400 Grain Cart Scale

Purpose: Configure a Digi-Star GT 400 grain cart scale to properly broadcast information for Bluetooth compatibility in the Harvest application.

When: After the scale has been installed, tested and mounted in a grain cart.













Who: Customer, Sales or Customer Success Manager

What's Needed:




- A Digi-Star GT 400 grain cart scale installed, tested and working
- A compatible Android or iOS device
- Conservis Bluetooth adapter set for 7/E/1 or 8/N/1 communication depending on the scale version and capabilities

Procedure:

1. Connect the Conservis Bluetooth adapter on the bottom of the scale-indicator.
2. Power on the scale.
3. Hold the right two buttons down for several seconds -   and the following message will scroll by: "Press Select or Net or Menu 1/2/3/4/Calib/Exit – Then press ON key".
4. Select  twice until "Menu 2" appears on the screen and select  to enter the settings for "Menu 2".
 - a. Advance through Menu 2 by selecting  until "Score M" appears on the screen. Pausing on "Score M" will then advance to the settings for "Score M".
 - i. Press  to advance the "Score M" setting to "21" and select  to save.
 - b. Press  to advance farther into Menu 2 to "Com In".
 - i. Press  to advance the "Com In" setting to "EZ2CMD" and select  to save.
 - c. The next menu will be "PRTFMT".
 - i. Press  to advance the "PRTFMT" setting to "PRTAC1" and select  to save.
 - d. **Depending on the firmware version, you will have different options available as you move through the rest of the Menu 2 options. Continue as explained below.**
 - e. Using the same technique you've perfected already, move through the options and look for the following settings (note, some may not exist – please read ahead through the rest of the procedure before continuing) C1-1PA, C1-2PA, C1-3PA, C2 PA and set them all the same, ideally that will be "8/N/1" or "7/E/1". **Do not set them to Auto.**





- f. The next set of options to look for and set are C1-1BD, C1-2BD, C1-3BD, C2 BD and set them all to 9600. **Do not set them to Auto.**
- g. Select  several times to Exit back to the beginning and you will see the scale live weight being displayed.
- h. **Important:** Power off the scale, wait 5 seconds and then power it back on.

The scale should now be prepared to have the Mobile Device paired to the Bluetooth adapter and the Harvest application configured.

Verifying Firmware Version - Performing a Self Test

Procedure:

1. Start with the scale powered on and showing the live weight
2. It is often easier to use your phone to record a video of the scale screen when doing this rather than trying to read off the firmware version quickly
3. Press and hold the  button for 3 seconds, until the "LB" indicator starts to blink, then release.
4. Press and release the  button to start the Self Test
5. The firmware version of the scale is the set of digits & letters displayed after you see **PRG ID**