

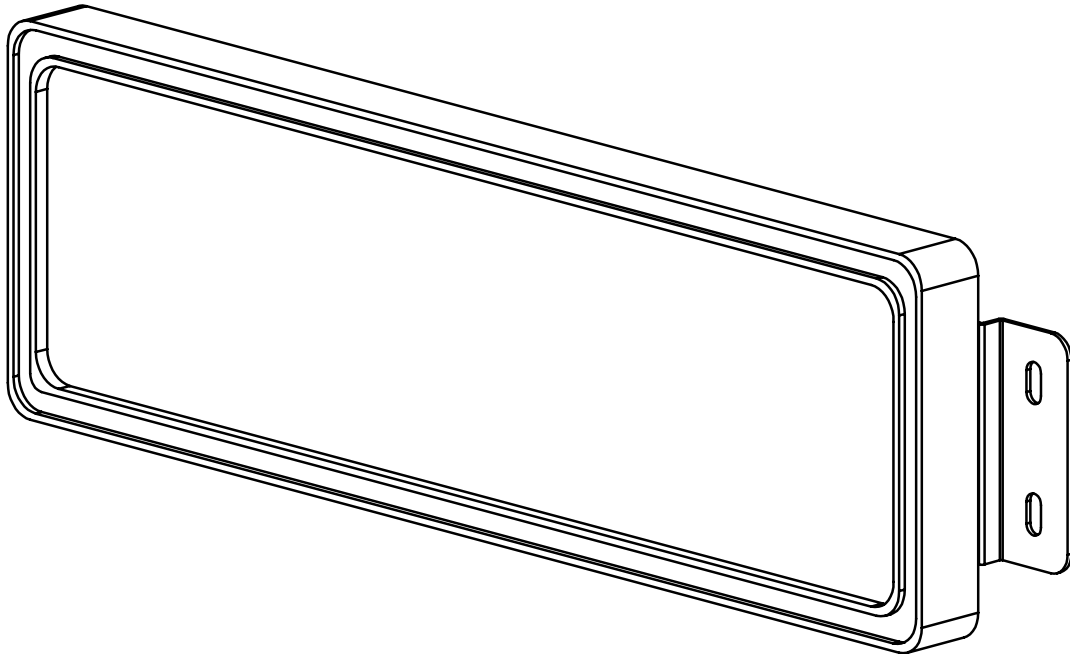


Doing Our Best to Provide You the Best

AG20068, Rev 0
1/25

REMOTE DISPLAY

640 Avery Weigh-Tronix & Libra



READ complete Grain Cart manual CAREFULLY BEFORE attempting to operation.

For replacement parts see the grain cart manual.

OPERATOR MANUAL

TABLE OF CONTENTS

640 Avery Weigh-Tronix 3-4

 Configuration Mode..... 3

 Serial Settings 4

Agrimatics Libra Scales 5-7

 Pairing the Serial Link..... 5

 Troubleshooting - No Display 6

 Troubleshooting - Bluetooth Pairing 7

640M/640/640XL Configuration Mode

The following steps will get you into the indicators configuration menu to change parameters for the proper output.

- 1) Press  to turn on scale.
- 2) Press and hold  for approx 3 seconds and release the button after the 3rd beep.
The indicator should read **"SET.PAS"**
- 3) Press and release  until the display reads **"6"**.
- 4) Press and release  to move the cursor to the right
- 5) Press and release  until the display reads **"4"**
- 6) Press and release  to move the cursor to the right
- 7) Press and release  until the display reads **"0"**.
- 8) Press and release  twice and display should read **"CONFIG"**. You are now in the configuration Mode of the indicator
- 9) Proceed to Page 4 for the RS-232 Serial Settings (8-pin connector)

640M/640/640XL RS-232 Setup

The following steps will set the serial output for LED remote displays, wireless transmitters, and WiFi modules.

- 1) With the LCD reading "**CONFIG**", press and release  repeatedly until "**RS232**" is shown
- 2) Press and release  The indicator should read "**PORT 1**"
- 3) Press and release  The indicator should read "**BAUD**".
- 4) Press and release  until "**LAYOUT**" is shown
- 5) Press and release  The indicator should read "**STD**" (If the indicator reads "**REMOTE**", then skip to step 7)
- 6) Press and release  until "**REMOTE**" is shown
- 7) Press and release  The indicator should read "**LAYOUT**".
- 8) Press and release  repeatedly until the indicator reads "**BUSY**". The indicator is saving the changes that were just made and will return you back to normal weighing.

REMOTE DISPLAY WITH A LIBRA SCALE SYSTEM

Serial Link - Pairing / Un-pairing Serial link

Pairing is done directly through the Libra Harvest app and NOT through the general smartphone/tablet Bluetooth settings.

If you have already paired a grain cart to your app:

1. Ensure Bluetooth is enabled on your mobile device.
2. Bring your mobile device to the Serial Link device and launch the Libra Harvest app.
3. Select the *Settings* tab inside the app. For the tractor's mobile device, ensure *Primary Display* is selected.
4. Tap the  next to your grain cart.
5. Select your Serial Link device from the *Available devices* list, and ensure that your Libra Cart device is already selected.
6. Your device will now appear with a check mark, indicating successful pairing. Tap **Done** to complete pairing.
7. The LED on the device will start to flash twice and a link icon will appear above the "Clear" button on the *Display* tab if you have an active connection.

If you have not paired a grain cart to your app:

1. Ensure Bluetooth is enabled on your mobile device.
2. Bring your mobile device to the Libra Cart and Serial Link devices and launch the Libra Harvest app.
3. Select the *Settings* tab inside the app. For the tractor's mobile device, ensure *Primary Display* is selected.
4. Tap **Add Grain Cart** to add your new Libra Cart device to the app, and wait for the scan to finish.
5. Select your Libra Cart and Serial Link devices from the *Available devices* list.
6. Provide a name for the cart, choose the desired weight display format (e.g., 10 lb, 20 lb), and tap **Add+** to finish.
7. Your device will now appear under "Grain Carts" with a check mark, indicating successful pairing.
8. The LED on the Serial Link will start to flash twice and a link icon will appear above the "Clear" button on the *Display* tab if you have an active connection.

Troubleshooting

Disconnecting a paired Serial Link

1. Navigate to the *Settings* tab
2. Tap the  next to your grain cart
3. Under Selected Devices find your Serial Link device and **swipe left** to delete the connection.
4. Tap **done** to confirm the disconnection.

Note: Your scoreboard will turn off when you **close** the Libra Harvest app or disconnect your Serial Link.

Serial Link - No Display on Scoreboard

If pairing to the Serial Link was successful, but the connected display is not displaying properly, ensure each of the following:

1. The Libra Harvest app is running the latest version from the Apple App Store or Google Play.
2. Bluetooth is enabled on the mobile device.
3. Confirm your device has power: the green LED on the Serial link flashes every 2 seconds: once for power, twice when connected.
4. In the *Settings* tab of the app, the Serial Link & Libra Cart devices are listed under the Selected Devices in the Grain Cart (tap the  next to the grain cart to check selected devices).
5. If the device is listed without a checkmark, tap the **cart / device** name to reconnect. If there is a checkmark, **swipe left** on the device name to delete, then re-pair (data remains unaffected).
6. Ensure your Serial Link power and interface cables are in good condition. Check for any pinches, tears, or breaks on the cables and connections.
7. Your Libra Cart device is in **Primary mode** and is displaying weight in the *Display* tab of the Libra Harvest app.

If re-pairing is successful, but the issue is persisting, try the following:

1. Under general Bluetooth settings, turn the Bluetooth OFF then ON.
2. Turn airplane mode ON then OFF on the mobile device.
3. Restart the mobile device.
4. Unplug the Serial Link's power cable and interface cable, wait a full 60 seconds and then reinsert.
5. Try another compatible mobile device.

Serial Link - Bluetooth Pairing Issues

See Pairing for instructions. If unsuccessful, ensure each of the following:

1. Ensure the Libra Harvest app and the app is running the latest version from the Apple App Store or Google Play.
2. You are pairing from the *Settings* tab of the Libra Harvest app and NOT the general tablet / smartphone Bluetooth settings.
3. Bluetooth is enabled on the mobile device.
4. Ensure your device is receiving power. The green LED on the Serial link will flash once if it is receiving power. It will flash twice if it is connected to a device.
5. Your device is model number M0014, M0016 or IFM-CART. Serial Link will not work with any other device.
6. The device is not currently connected to another Libra Harvest app. If the LED on the Serial Link is flashing twice it is connected to another app. The connected app will have a solid link symbol just above the Clear button on the *Display* tab.
7. The device is not already listed under Selected Devices under the Grain Cart in the *Settings* tab of the Libra Harvest app (tap the  next to the grain cart to check selected devices). If the device is listed, but there is no checkmark beside the cart name, tap the name to reconnect.
8. Your Serial Link power and interface cables are in good condition. Check for any pinches, tears, or breaks on the cables and connections.

If still unsuccessful, try the following:

1. Under general Bluetooth settings, Turn Bluetooth OFF then back ON.
2. Turn airplane mode ON then OFF on the mobile device.
3. Restart the mobile device.
4. Unplug the Serial Link's power cable, wait a full 60 seconds and then reinsert.
5. Try another compatible mobile device.



4010 320th St., Boyden, IA. 51234

Phone: (712) 725-2311

Fax: (712) 725-2380

Toll Free: 1-800-54DEMCO (1-800-543-3626)

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