

### 6.6.8 Speed Source

1. **Speed Source** - allows user to select the speed source:
  - a. **GPS** - select to use GPS signal for speed.
  - b. **Wheel Sensor** - select to use the wheel sensor on the air seeder tank for speed.
  - c. **Manual** - select to use custom manual speed entered in the Configuration panel on the Seeder Controller screen. Refer to [Section 2.6.4 - Configuration Panel](#).

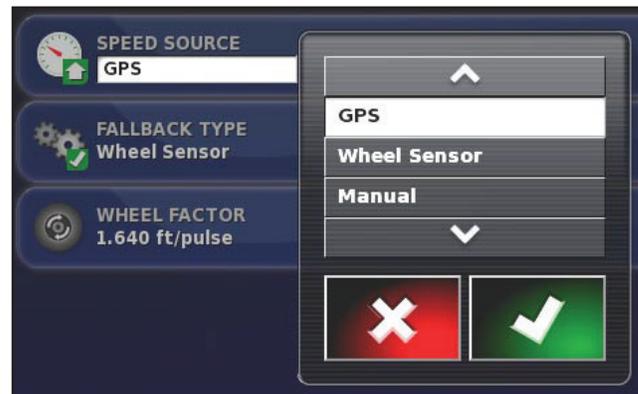


Figure 6.90 - Selecting Speed Source

### Important

For the best accuracy it is recommended to use GPS as a speed source. If there is no GPS equipment installed or GPS signal is not available, Manual Speed can be used if you are maintaining consistent speed. Make sure to maintain the SET manual speed to achieve the rates that have been set.

The third choice is a Wheel sensor. Accuracy may be affected as the tank goes from full to empty as this will cause the tire diameter to change, especially on the 7000 AS with large tires where the diameter changes substantially.



Figure 6.91 - Speed Source Setup

2. Fall Back Type - this button is enabled only when Speed Source is set to GPS.

In case the GPS signal is lost, to continue seeding, system will automatically switch to use speed source set in the Fallback Type. The options are:

- i. Wheel Sensor
- ii. Manual
- iii. Disabled

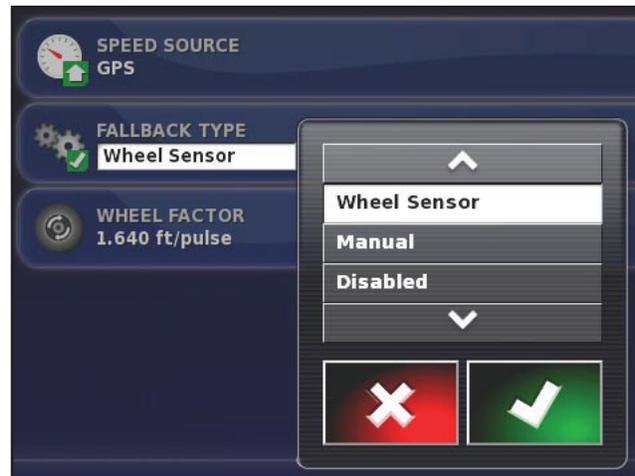


Figure 6.92 - Selecting Fallback Type

3. Wheel Factor - is pre-entered from the factory with a theoretical value and it represents the distance travelled by the seeder in the time between pulses from the ground speed sensor. The speed sensor is located on the rear left wheel, for 7000AS. For 6000AS it is located on a the transmission plate new the rear left wheel.

This button is enabled only when Wheel Sensor is selected for primary or alternative speed source. When selected will allow to change the wheel factor value. Refer to [Table 1 & 2 in Section 8.7 - Wheel Sensor Calibration](#) for theoretical values.

### Note

On 7000 Series air seeder wheel factor value, is variable due to change in tire diameter when air seeder tank is loaded and empty. This may affect accuracy.

If found that wheel factor is incorrect (incorrect ground speed and/or acre accumulation), wheel factor can be verified and if required calibrated. [Refer to Section 8.7 - Wheel Sensor Calibration.](#)



Figure 6.93 - Wheel Factor

## 6.6.9 Audio

Audio can be enabled for certain operations on the monitor to indicate the function,

1. **Master Switch Audio** - set to enabled for an audio click when the master switch is turned on or off.
2. **Tank Switch Audio** - set to enabled for an audio click when the tank switches are turned on or off.
3. **Drill Lift Lower Audio** - set to enabled for an audio click when the drill is lifted or lowered.
4. **Sections On Off Audio** - set to enabled for an audio click when the sections are opened or closed.



Figure 6.94 - Audio Setup