



TeeJet TECHNOLOGIES MATRIX 430 GPS System User Guide

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SETUP THE CONSOLE

1. On guidance screen, press NAVIGATION AND GUIDANCE OPTIONS tab  to display options.

2. Press HOME button .
3. Press CONSOLE button . Adjust settings as needed.

- LCD Brightness 
- Colour Scheme 
- Units 
- GNSS Demo Mode 
- Screenshot 
- Time Zone 

CONFIGURE THE MACHINE

4. From the Home screen , press CONFIGURATION button .
5. Select and configure a Machine profile .
- Select Machine Profile Number **A** – use to select 1 of 5 machine profiles. The profile that is “active” is displayed/active on the operation screen.
 - Set Number of Implement Sections **B** – used to select the number of implement sections. Range is 1 to 7 sections.
 - Set Section Widths **C** – used to enter the width of each section. Each section can be a different width.
 - Set Lateral Implement Offset Distance **D** – used to define the lateral distance from the centre line of the machine to the centre of the implement.
 - Positive value will move the implement to the right of centre while facing in the machine’s forward direction.
 - Negative value will move the implement to the left of centre while facing in the machine’s forward direction.
 - Set In-Line Implement Offset Distance **E** – used to define the in-line distance from the GNSS antenna (the zero point) to the implement.
 - Positive value will move the implement behind the GNSS antenna.
 - Negative value will move the implement in front of the GNSS antenna.
6. Select Lighbar Spacing  – used to set the distance away from the guideline or vehicle each guidance screen lightbar box represents.
7. Set GNSS configuration . GPS uncorrected signals from the GPS system are always available and cannot be disabled.
- Set SBAS Usage **F** – used to select if any satellite-based differential correction system (SBAS) will be used.
 - Select Minimum Position Quality Requirement **G** – used to select between using ClearPath® or SBAS.
 - Select Additional Constellations **H** – used to Indicated when the GLONASS or QZSS uncorrected signals are available.




NOTE: When using the Matrix 430 in Europe, always include GLONASS. Use SBAS (EGNOS) where applicable.




SETUP GUIDANCE







1. From the Home screen  , press GUIDANCE button  .

2. Establish desired Selectable Guidance Bar Information.

- Speed 
- Total Applied Area 
- Application Time
- Swath Number 



3. On vehicle view guidance screen, from the NAVIGATION AND GUIDANCE OPTIONS tab  , select

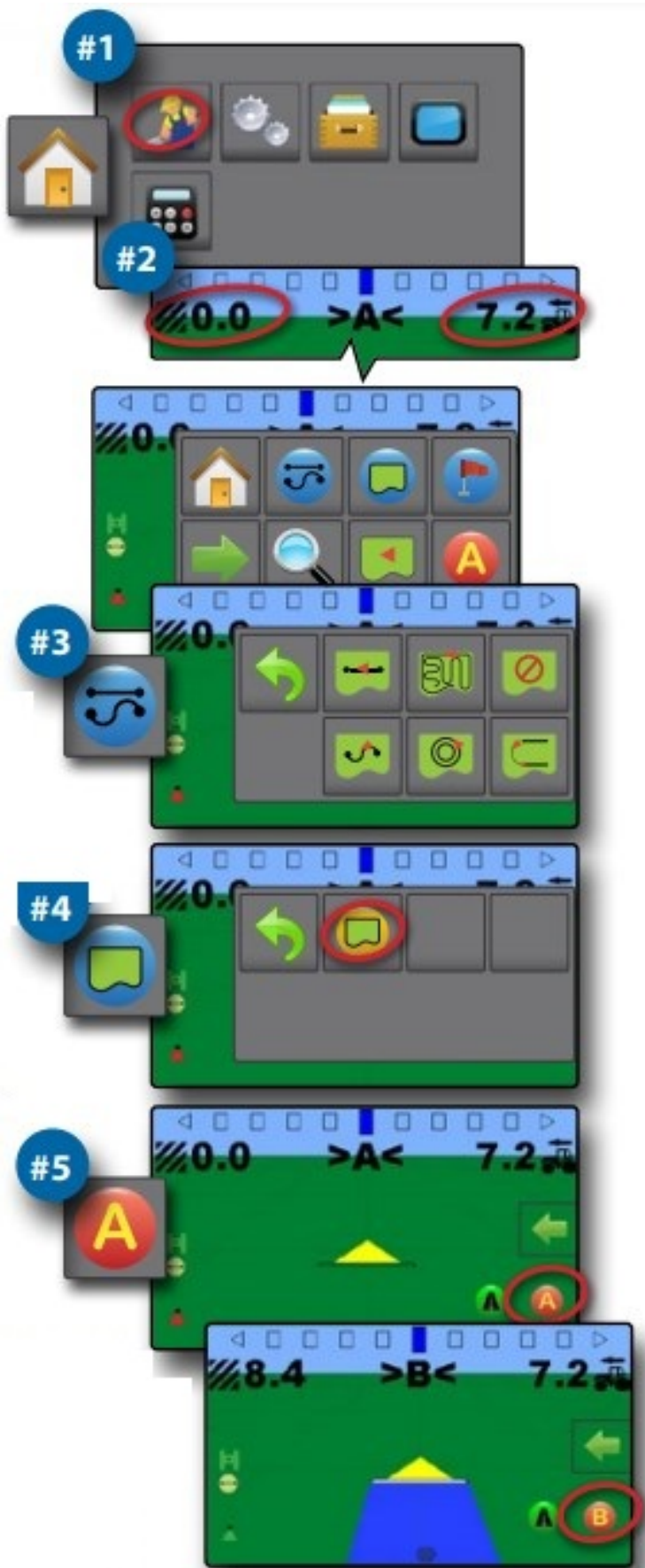
Guidance mode 

- Straight AB guidance 
- Last pass guidance 
- No guidance 
- Curved AB guidance 
- Circle pivot guidance 
- NextRow guidance 

4. On vehicle view guidance screen, from the NAVIGATION AND GUIDANCE OPTIONS tab  , create





boundary 

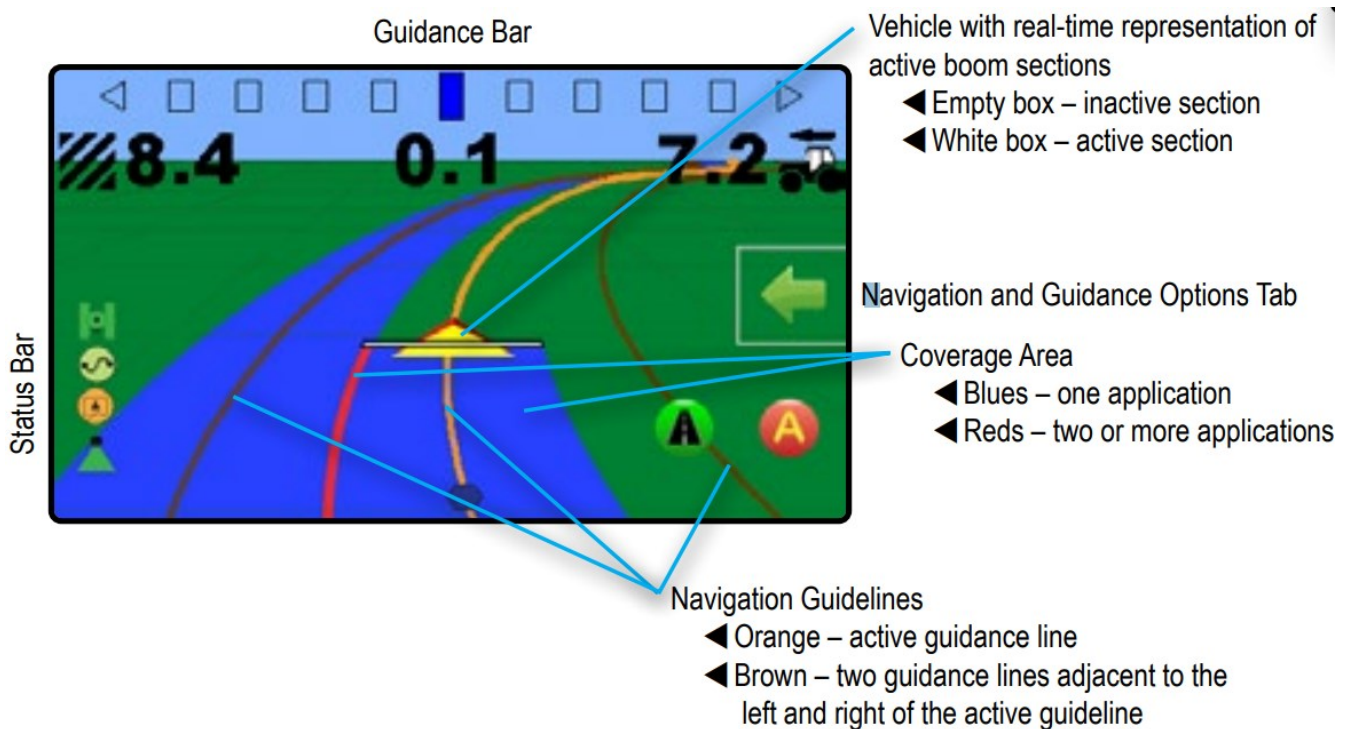
5. Create AB guideline   .



GUIDANCE SCREEN OPTIONS

- Application Mapping – press VEHICLE icon  in the centre of the guidance screen to turn on or off application mapping.

- Return to Point  – set a return point to provide guidance back to the established point.
- A+ Nudge Feature  – allows the current guideline to be shifted to the vehicle's current location.
- Transport Mode   – recommended for use when traveling between fields as this will improve accuracy in guidance functions.



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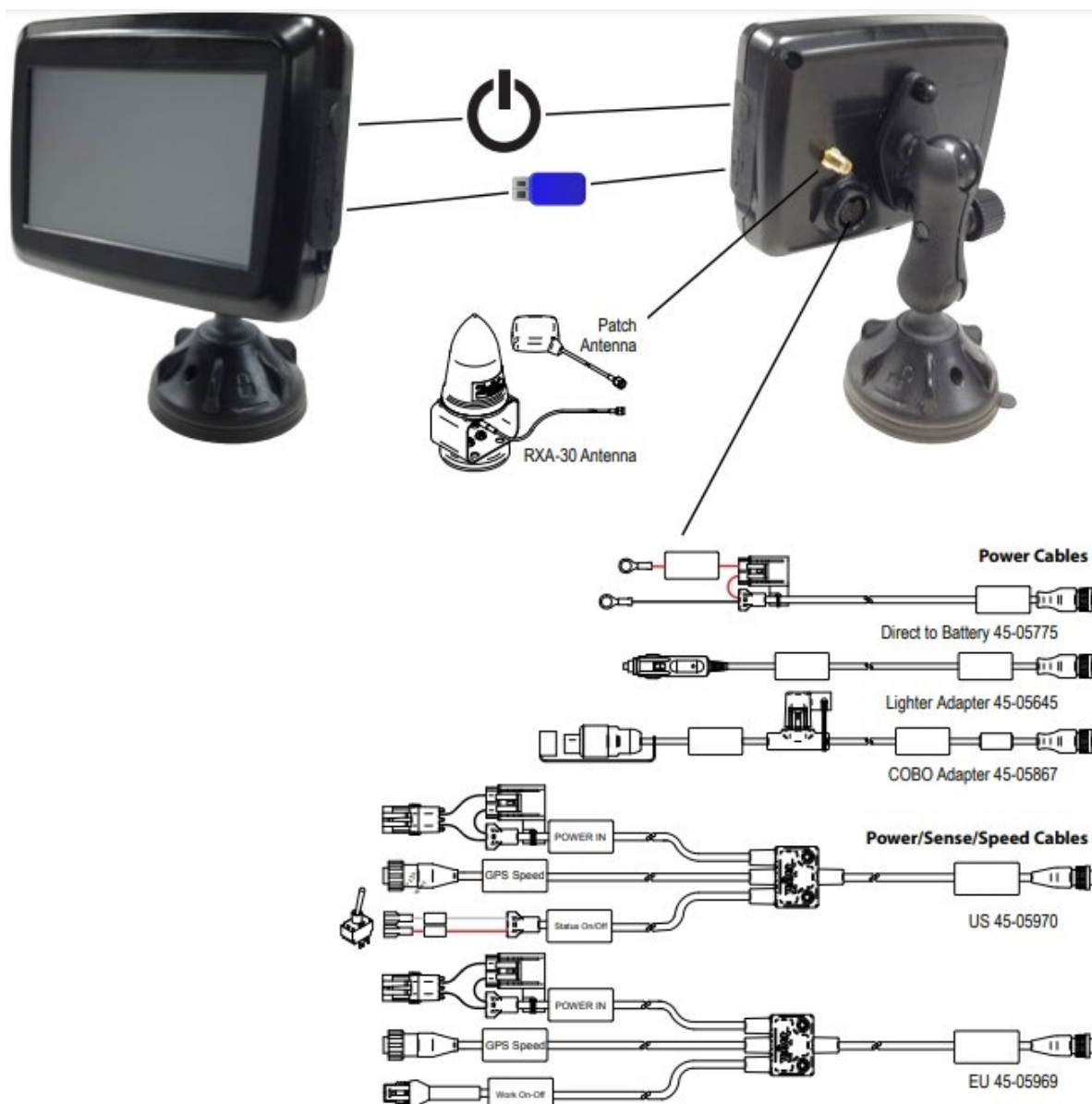
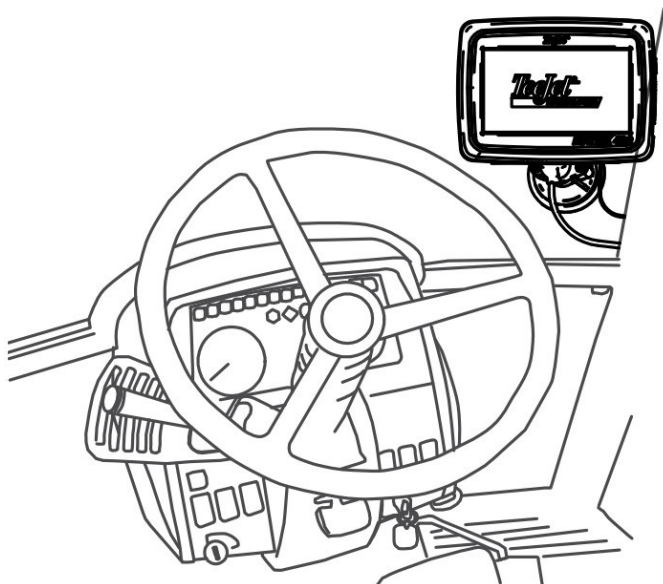
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Documents / Resources

	<p>TeeJet TECHNOLOGIES MATRIX 430 GPS System [pdf] User Guide MATRIX 430 GPS System, MATRIX 430, GPS System</p>
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References

- [TeeJet® Technologies](#)

Manuals+,