

# MATRIX® 430

## RELEASE NOTES

### Matrix® 430 v1.03

February 2016

New Features:

- Antenna to Boom distance can now be set from -10.0 m (boom forward) to +20 m (boom back).
- Added Transport mode to prevent the accumulation of GNSS position bias while transporting to the field when GNSS reception will be poor due to trees, buildings, etc.

Fixes:

- Corrected problem where changing the implement configuration with a job open could cause the application to crash. User must now close the job in order to change the Implement configuration.
- Made the power-down and data save procedures more robust, to prevent isolated cases of corrupted job data or consoles not booting into the application correctly in the next power-on event.
- Demo mode can be used with any allowed GNSS configuration
- Corrected problem where dropping a 'Return-to-Point' location in Demo Mode could cause speed and drawing problems in the next power-on event
- Firmware updates now run regardless of when the USB Drive is inserted in the console.
- Console can be powered off while in Screen-Shot mode with USB Drive inserted in port

### Matrix® 430 v1.02

February 2015

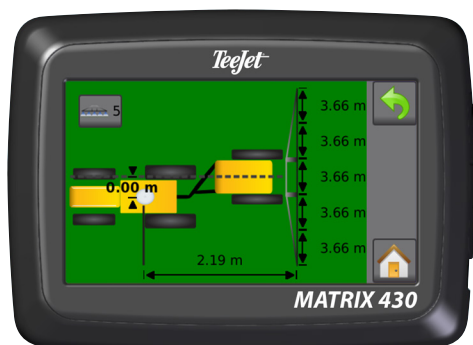
New Features:

- Speed output, signal for rate controllers etc. (requires external power/sense/speed cable: EU – 45-05969 or US – 45-05970)
- Implement detect input (requires external power/sense/speed cable: EU – 45-05969 or US – 45-05970)
- No delay in as-applied painting when switching implement on or off via the screen
- First-time startup settings added to automatically walk user through US/Metric units, Implement settings including sections and antenna position, and GNSS settings

Fixes:

- Corrected problem of occasional lockup when using Demo mode
- Virtual lightbar changed from Vehicle mode to Swath mode
- Improved usage of A+ button

### MATRIX® 430 v1.02



### Matrix® 430 v1.01

November 2014

The compact Matrix 430 is an easy to use, low cost, graphical guidance system ideal for first-time users. The full-color, touchscreen display allows the operator to efficiently navigate fields with minimal skips and overlaps in coverage

New Features:

- Versatile GNSS guidance in a compact, portable package
- High-contrast, full-color, 4.3"/110 mm graphic touchscreen display provides superior visibility in bright light conditions
- Full time, on screen numeric display of cross-track error with user selectable display of two additional parameters including: worked area, worked time and ground speed
- High-quality, internal GPS/GLONASS engine with ClearPath™ technology that enhances GNSS performance in areas where reception is poor or in regions where SBAS differential correction is not readily available
- Optional RXA-30 antenna provides improved reception and noise rejection for situations where GNSS signals may be weak or partially obstructed
- Minimal setup needed before operating
- Guidance modes include: Straight AB, Curved AB, Circle Pivot, and Last Pass
- Return-to-point feature allows operator to easily resume jobs or mark field hazards
- Boundary function allows for easy and precise measurement of field area
- Implement ON/OFF status can be manually activated on screen for single or multiple sections or for single section only with status detect wire
- Applied alert provides operator with audible alarm when entering into previously applied areas
- Area counter measures and displays applied area throughout application
- Elapsed time counter measures amount of time spent on current job
- Simple reporting function provides coverage reports in .KML or .PDF format downloaded via USB port

### MATRIX® 430 v1.01

