

MATRIX[®] 430

GUIDANCE. SIMPLIFIED.



MATRIX 430 CONSOLE



RXA-30 ANTENNA



PATCH ANTENNA

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.

Matrix 430 Features and Benefits

- Versatile GNSS guidance in a compact, portable package
- High-contrast, full-color, 4.3 in / 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

HOW TO ORDER

Part Number	Description
GD430-GLO-P-B	Kit, Matrix 430, GLONASS, Patch Antenna, Battery leads
GD430-GLO-P-C	Kit, Matrix 430, GLONASS, Patch Antenna, COBO Connector
GD430-GLO-P-L	Kit, Matrix 430, GLONASS, Patch Antenna, US lighter Connector
GD430-GLO-R30-B	Kit, Matrix 430, GLONASS, RXA-30 Antenna, Battery Leads
GD430-GLO-R30-C	Kit, Matrix 430, GLONASS, RXA-30 Antenna, COBO Connector
GD430-GLO-R30-L	Kit, Matrix 430, GLONASS, RXA-30 Antenna, JS Lighter Connector

ACCESSORIES

Part Number	Description
CG430 GLO	Console, Matrix 430, GLONASS
45-05645	Cable, Power, US Lighter Adapter
45-05867	Cable, Power, COBO Adapter
45-05775	Cable, Power, Direct to Battery, 10 ft / 3 m
65-05241	Kit, RAM Mount w/ Suction Cup
65-05179	Metal Mounting Plate (Also Requires 3 Velcro Strps #60-10081)
78-50190	Antenna, GPS Patch L1 with GLONASS
90-02720	Kit, RXA-30 Antenna with 20 ft / 6 m Cable
90-02721	Kit, RXA-30 Antenna with 30 ft / 9 m Cable

ACCURACY

Correction Type	Pass-to-Pass Accuracy	Year-to-Year Repeatability
Autonomous	+/- 12-18 in / 30-45 cm	+/- 3 ft / 1 m
SBAS	+/- 6-10 in 15-25 cm * Also Referred to as Sub-Meter	+/- 3 ft / 1 m

MATRIX 430 SYSTEM COMPONENTS

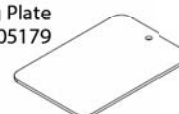


Console, Matrix 430
CG430-GLO

GPS Patch Antenna
78-50190

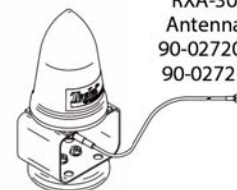


Metal Mounting Plate
65-05179

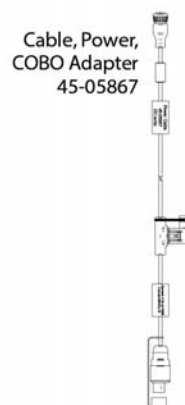


Kit, RAM Mount
w/ Suction Cup
65-05241

RXA-30
Antenna
90-02720/
90-02721



SYSTEM SETUP SCREEN



Cable, Power,
COBO Adapter
45-05867

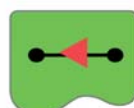


Cable, Power,
Lighter Adapter
45-05645



Cable, Power,
Direct to Battery
45-05775

GUIDANCE MODES



Straight



Curved



Circle Pivot



Last Pass

