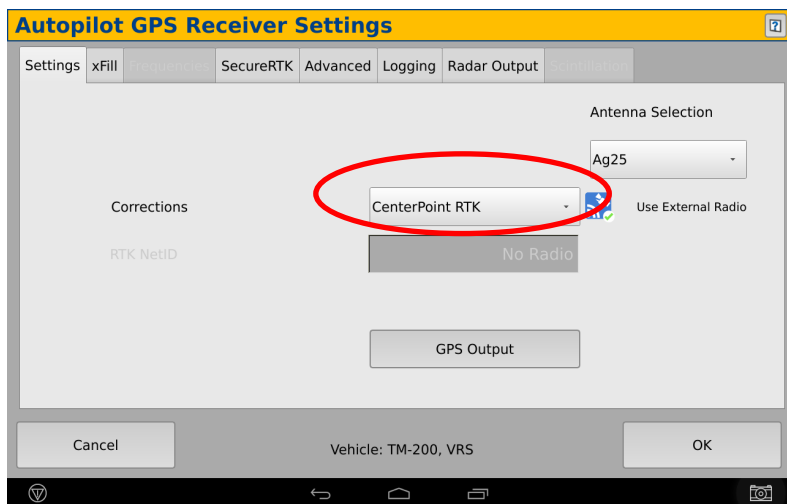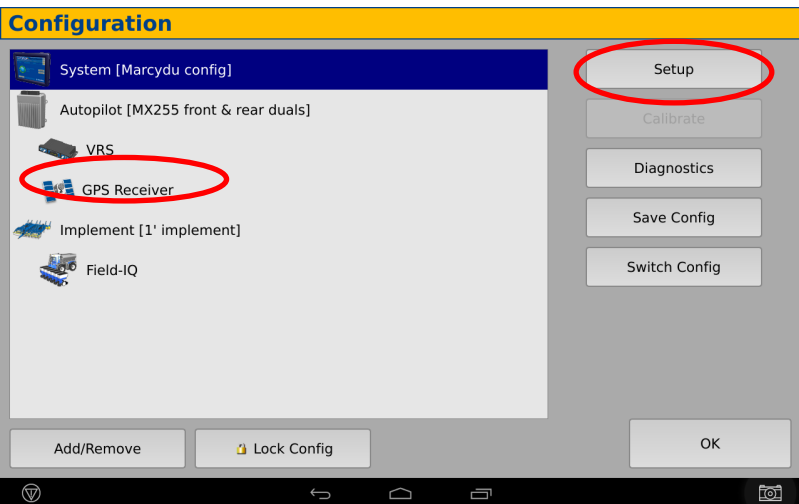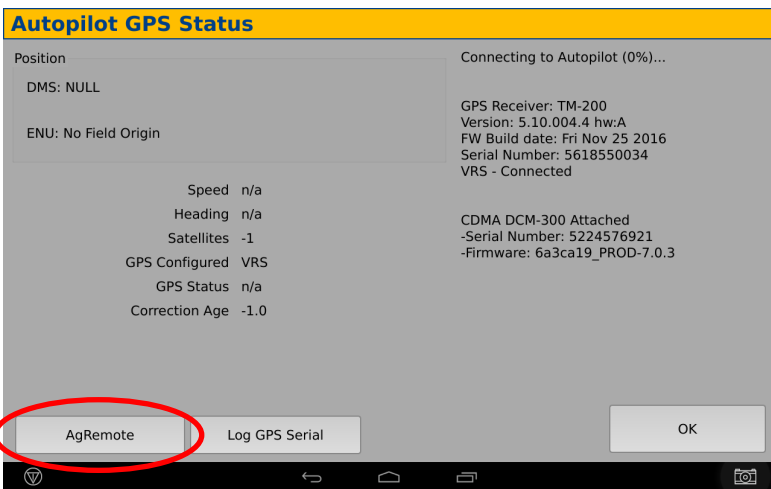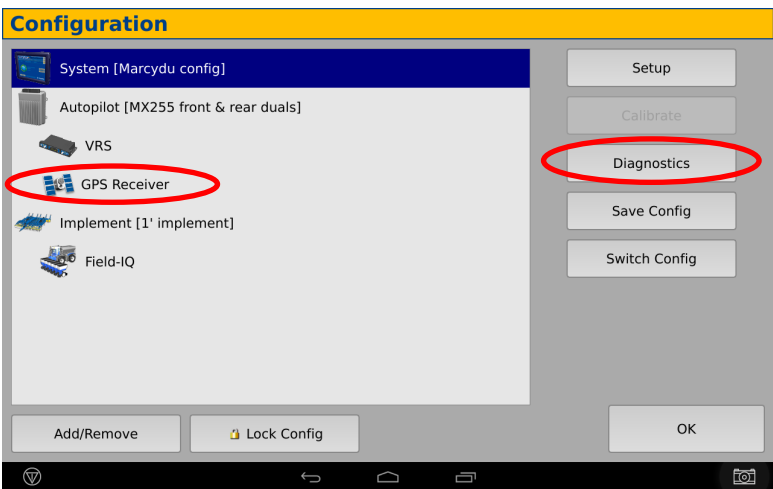# FMX/FM-1000 Quick Reference Card

Begin by installing the RV50 Cable into the back of the display either into Port C or port D. Once the Beacon is installed proceed to the Wrench and select GPS Receiver on the right, followed by Setup on the Left. On the GPS Receiver setup page change the Corrections to Centerpoint RTK.
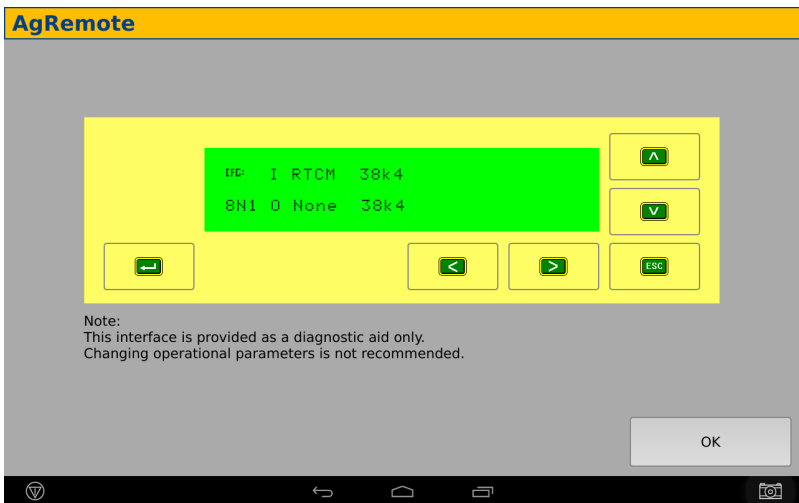
Configuration

- System [Marcydu config]
- Autopilot [MX255 front & rear duals]
  - VRS
  - GPS Receiver
- Implement [1' implement]
  - Field-IQ

Setup
Calibrate
Diagnostics
Save Config
Switch Config

Add/Remove   🔒 Lock Config   OK

Autopilot GPS Receiver Settings

Settings xFill Frequencies SecureRTK Advanced Logging Radar Output Calibration

Antenna Selection

Ag25

Corrections   CenterPoint RTK   Use External Radio

RTK NetID   No Radio

GPS Output

Cancel   Vehicle: TM-200, VRS   OK

Return to the Configuration page and select GPS receiver and Diagnostics (password 2009). Then Select Ag Remote.

Configuration

- System [Marcydu config]
- Autopilot [MX255 front & rear duals]
  - VRS
  - GPS Receiver
- Implement [1' implement]
  - Field-IQ

Setup
Calibrate
Diagnostics
Save Config
Switch Config

Add/Remove   🔒 Lock Config   OK

Autopilot GPS Status

Position
  DMS: NULL

  ENU: No Field Origin

          Speed   n/a
        Heading   n/a
      Satellites   -1
  GPS Configured   VRS
      GPS Status   n/a
  Correction Age   -1.0

Connecting to Autopilot (0%)...

GPS Receiver: TM-200
Version: 5.10.004.4 hw:A
FW Build date: Fri Nov 25 2016
Serial Number: 5618550034
VRS - Connected

CDMA DCM-300 Attached
-Serial Number: 5224576921
-Firmware: 6a3ca19_PROD-7.0.3

AgRemote   Log GPS Serial   OK

Ag Remote Setup instructions

1.   Press the right arrow twice to configuration -> press the Down arrow to enter the Configuration menu -> Press the Right arrow until you get to the port D config -> Press the down arrow to enter.

2.   Use the Right arrow once to select TSIP and the up or down arrows to change that to RTCM *Confirm Baud rate is set to 38k4-> Press the Right arrow 5 More times to move to the Bottom TSIP and using up or down change this to NONE. Press enter (see screenshot below to confirm settings) -> Then down once -> Confirm MNEA1 has nothing capitalized, then proceed down to NMEA2 and confirm nothing is capitalized. Press the esc icon 3 times to return to the main screen.

AgRemote

```
IFC:  I RTCM  38k4
8N1 O None  38k4
```

∧ ∨ ↵ ◁ ▷ ESC

Note:
This interface is provided as a diagnostic aid only.
Changing operational parameters is not recommended.

OK

*Note- If this unit was ordered with a subscription, it will be preprogrammed and plug and play ready. The following instruction

Log into the device via WAN static IP (166.XXX.XXX.XXX:8080) or LAN connection (192.168.1.1:8080) on Port 8080 (shown in ip con-

The username and password to log into these devices are as follows

Username: digifarm

Password: digifarm

You will then be directed to the page shown below. On this page you can select a receiver preset based on the receiver type you have, then enter your username and password. Save device info at the bottom then select the reboot icon at the top of the screen

DigiFarm: NTRIP Client Settings Manager

Logged in as: digifarm | Log Out

Presets

| NovAtel (Raven: RS1, Cruiser II with RTK, 600s, Envizio Pro/Pro II, Viper 4) |

Host

| caster.godigifarm.com |

Port

| 3101 |

Mount Point

| VBN_RTCM3_NOV |

Serial Port - Baud Rate

| 38400 |

Username

| |

Password

| |

☐ Internal GPS

☐ Manual GPS
Manual GPS - Latitude (Example: "4043.124436,N")

| |

Manual GPS - Longitude (Example: "9640.586358,W")

| |

Save Changes

RV50 hardware Installation Guide

Magmount with
Shotglass Antenna

RV50 Power connection
Typically powered by GPS reciever

Diversity Antenna

GPS
Antenna

Serial to Port on GPS receiver