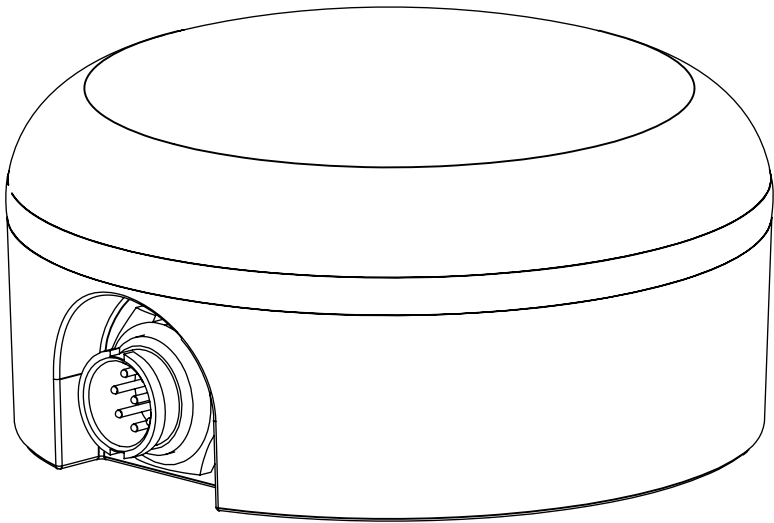




SPGTGFMAE010

# FARMNAVIGATOR



## Turtle<sub>RTK</sub>

### NTRIP SETUP

# 1. Introduction

NTRIP technology is a protocol that allows to receive GPS corrections via Internet connection from dedicated base stations. Activating the NTRIP the performance and precision of your GNSS receiver will be improved.

**NOTE:** NTRIP can be used correctly if the receiver is enabled to accept corrections through the same communication port connected to the G7 Farmnavigator. This feature is supported only by G7 Plus and G7 Iso variants.

## 2. Turtle RTK receiver connection and GPS fix check

1. Connect the Turtle RTK receiver to G7 Farmnavigator powered bracket (Figure 2.1);

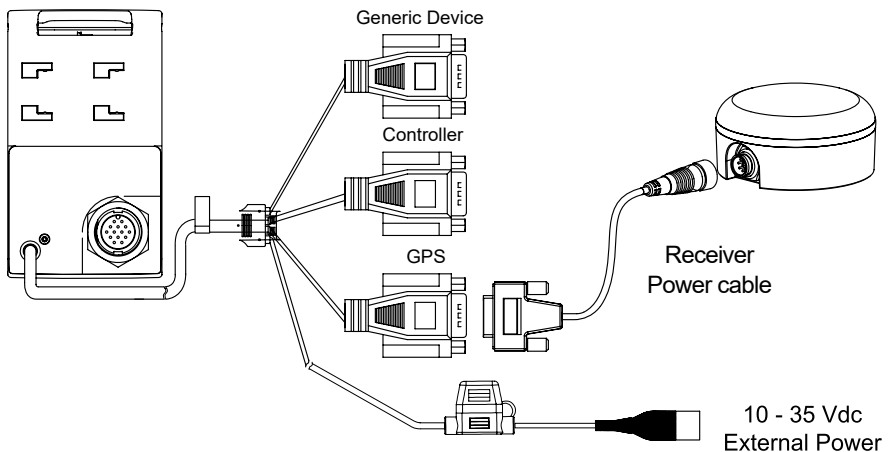


Figure 2.1

2. Connect the G7 Farmnavigator to powered bracket;
3. Power on G7 Farmnavigator;
4. In the Main Menu tap on "SETUP" (Figure 2.2);



Figure 2.2

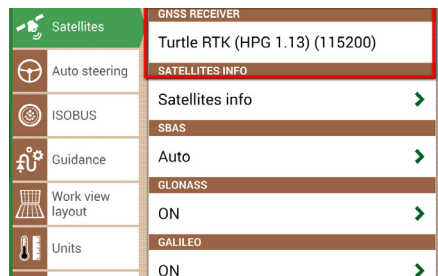


Figure 2.3

5. Select "Satellites" and in the field "GNSS RECEIVER" shall appear the name "Turtle RTK" (Figure 2.3);
6. Tap on "Satellites info" and wait a valid positions status (3D or DGPS fix) (Figure 2.4).

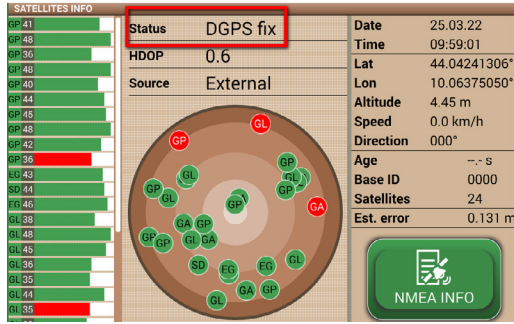


Figure 2.4

### 3. WiFi activation and connection to a WiFi network in G7 Farmnavigator

1. In the Main Menu tap on “SETUP” button (Figure 3.1)



Figure 3.1

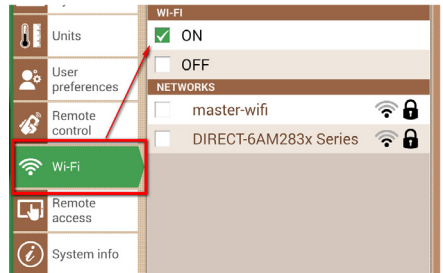


Figure 3.2

2. Select “WiFi” and tap “ON” (Figure 3.2)

3. Select the WiFi Network (Figure 3.3) and enter the password, then tap on “OK” (Figure 3.4);



Figure 3.3



Figure 3.4

## 4. NTRIP configuration

1. In the Main Menu tap on “SETUP” button (Figure 4.1)



Figure 4.1

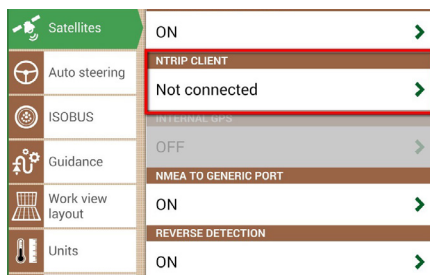


Figure 4.2

2. Select “Satellites” and tap on “NTRIP CLIENT (Turtle RTK)” (Figure 4.2);
3. Fill the fields shown in Figure 4.3 (account are provided by your dealer or by your NTRIP provider)

- Server
- Port
- User name
- Password
- Mount point

then tap on “Connect”;

4. Wait about 3 minutes, then all icons shall be green (Figure 4.4) and NTRIP services is active.

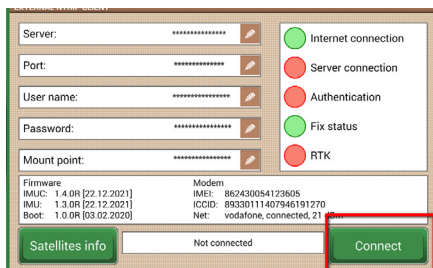


Figure 4.3

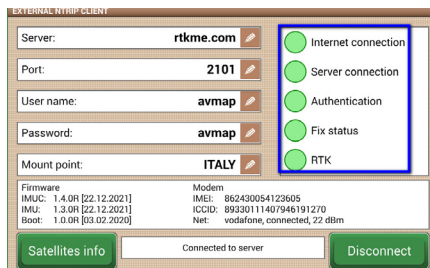


Figure 4.4

Now, your Turtle RTK receiver is ready to use.

# FARMNAVIGATOR

AvMap Srl  
Viale Zaccagna, 6  
54033 Carrara (MS), Italy  
www.avmap.it  
support@avmap.it  
www.farmnavigator.com