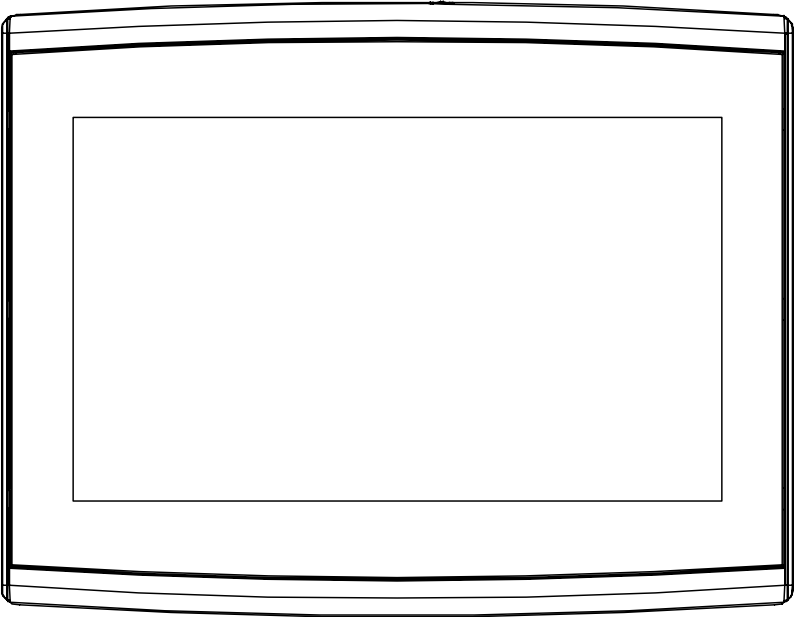


MMGTUAMAE077

# FARMNAVIGATOR



## INSTALLATION MANUAL

# 1. Product description

The FARMNAVIGATOR G7 series includes four models: G7 Ezy, G7 Plus, G7 Iso and G7 Terminal featuring a 7" display, parallel guidance software, manual and automatic boom sections control, WiFi connectivity\*, Auto-Steering kit compatibility\*, and ISOBUS compatibility\*\*.

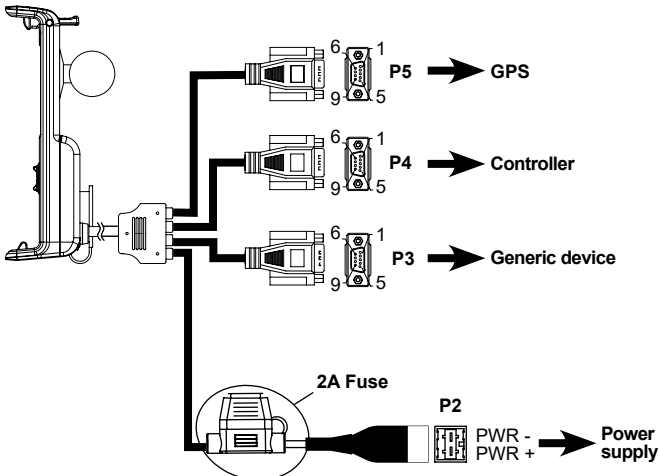
## 1.1 Content of the package

- Dust protective cover;
- Powered bracket with:
  - 3 x serial ports (2 x DB9 powered 12 V DC, 1 x DB9);
  - 1 x power supply connector;
  - 1 x 14 pin connector (USB-VideoIN-Ethernet cable compatible);
  - 1 x 4 pin connector\*\* (In-cab connection cable compatible).
- Power cable extension with cigarette lighter plug;
- Power cable extension with spade terminals\*;
- Power cable extension with coxo plug\*;
- USB + VideoIN cable / USB + VideoIN + Ethernet cable\*;
- In-cab connection cable\*\*;
- RAM U-Bolt Base - B;
- RAM Diamond Base - B;
- RAM Double Socket Arm - B.

\*G7 plus, G7 Iso, G7 Terminal

\*\*G7 Iso, G7 Terminal

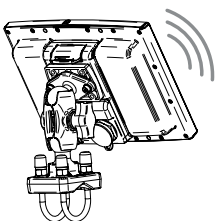
## 2. Connections scheme



P5 PIN-OUT	
PIN n°	Function
2	GPS TX
3	GPS RX
4	GPS VCC
5	GPS GND

P4 PIN-OUT	
PIN n°	Function
2	DEVICE 2 TX
3	DEVICE 2 RX
5	DEVICE 2 GND

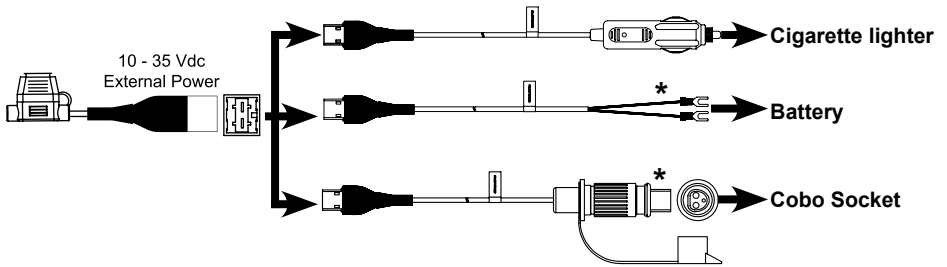
P3 PIN-OUT	
PIN n°	Function
2	DEVICE 1 TX
3	DEVICE 1 RX
4	DEVICE 1 VCC
5	DEVICE 1 GND
9	EXTERNAL ALARM



**Wireless LAN connection capability\***

\*G7 Plus, G7 Iso,  
G7 Terminal

## 2.1 Power supply connection

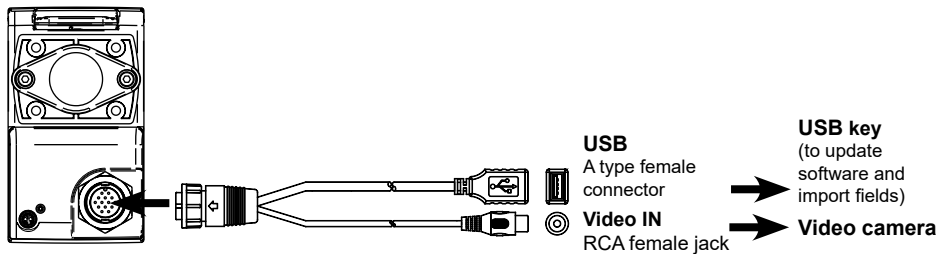


Images are for illustrative purpose only and can differ from the real product.

\*G7 Plus, G7 Iso,  
G7 Terminal

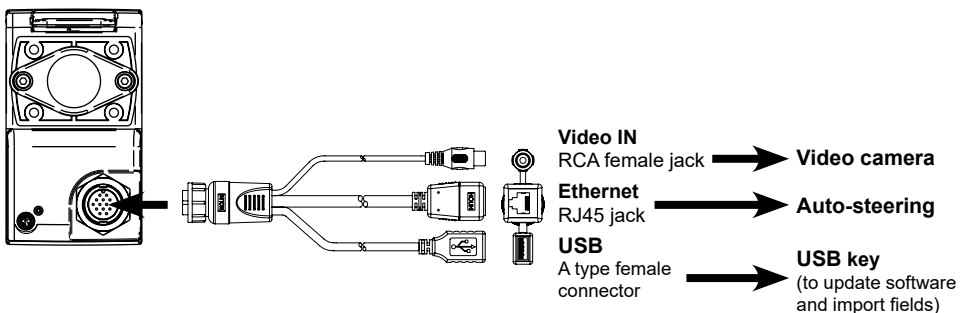
## 2.2 USB and video camera connection

(Using the cable included only in G7 Ezy)



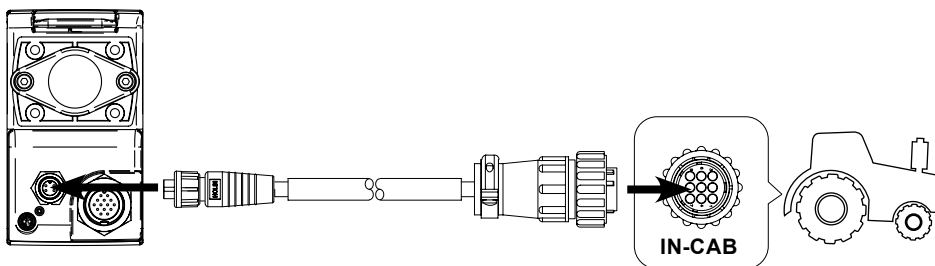
## 2.3 USB, video camera and Auto-steering connection

(Using the cable included in G7 Plus, G7 Iso and G7 Terminal)



## 2.4 ISOBUS connection

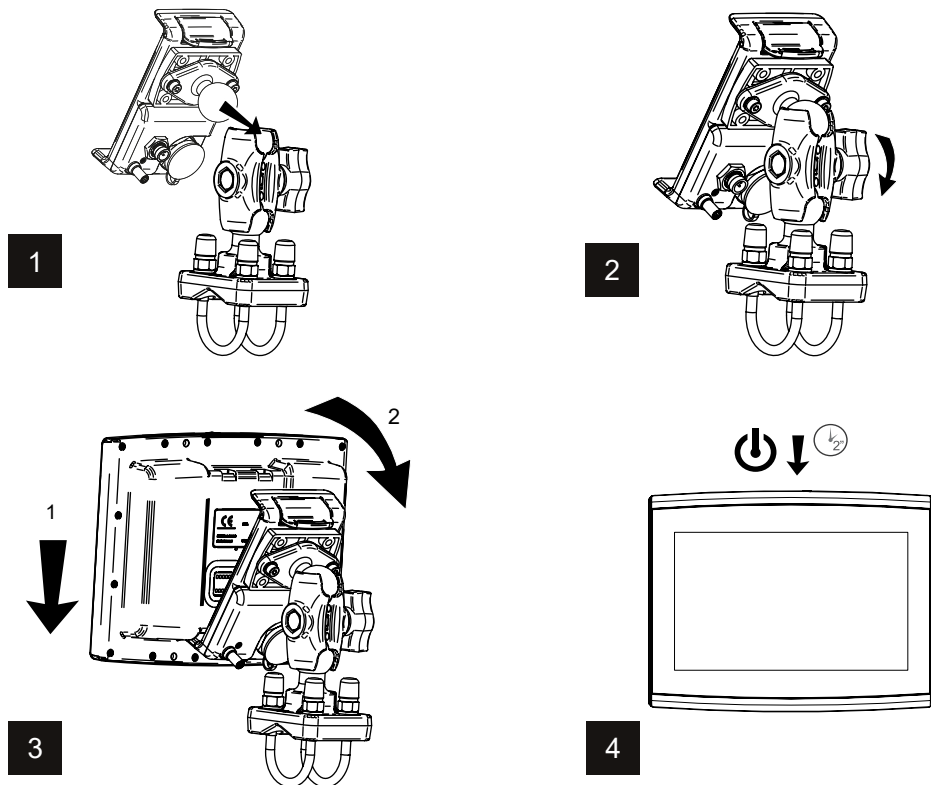
(Using the cable included in G7 Iso and G7 Terminal)



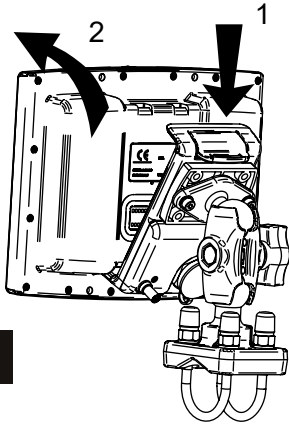
**ATTENTION:** The In-cab cable is not waterproof. Do not use outside the tractor cab.

## 3. Bracket assembly

### 3.1 To install

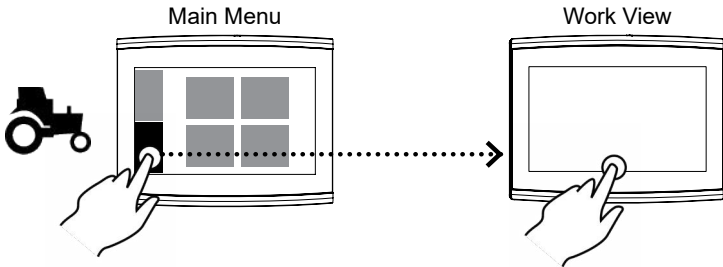


### 3.2 To uninstall



## **4. Operations**

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Explore the map



Rotate the map

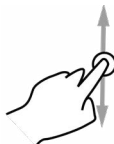


Zoom the map

### 4.1 Other gestures

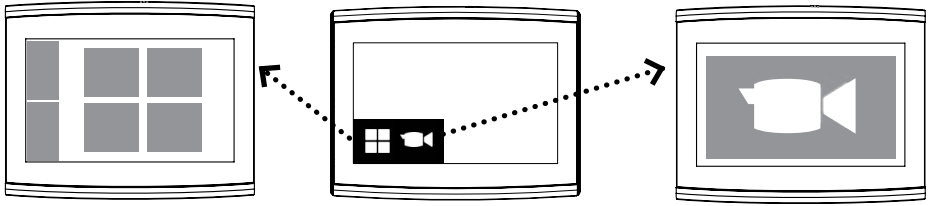


Select

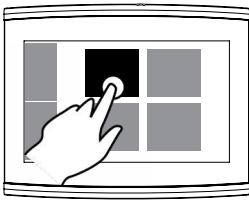


Scroll page

## 4.2 Menu on Work View

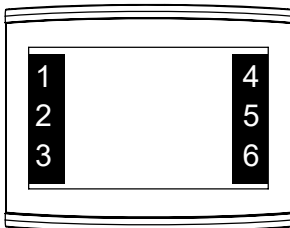


## 4.3 Start a Job



Create a job or a field

## 4.4 Buttons on map



1		Create and manage guidelines	<b>All models</b>
2		Create a field	<b>All models</b>
3		To set the headland area	<b>All models</b>
4		Start/Stop autosteering	<b>G7 Plus G7 Iso G7 Terminal</b>
		Save mark	<b>G7 Ezy</b>
5		Nudge control	<b>All models</b>
6		Start/Stop the job	<b>All models</b>

## 5. Product conformity information

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### 5.1 Simplified EU declaration of conformity

Hereby, AvMap Srl, Viale Zaccagna 6, 54033 Carrara (MS), Italy declares that the radio equipments in the following table are in compliance with Directive 2014/53/EU.

G7 Plus	P3MJ52WWAM, P3MJ52TWAM
G7 Ezy	P3MJ52WBAM, P3MJ520BAM, P3MJ520BTU, P3MJ520BCF, P3MJ520BAR
G7 Iso	P3MJ57WWAM, P3MJ57VWAM
G7 Terminal	P3MJ57SWAM

The full text of the EU declaration of conformity is available at the following internet address:  
**[eudeclaration.avmap.it](http://eudeclaration.avmap.it)**

### 5.2 Simplified UK declaration of conformity

Hereby, AvMap Srlu, Viale Zaccagna 6, 54033 Carrara (MS), Italy declares that the radio equipment in the following table is in compliance with the relevant statutory requirements:

G7 Plus	P3MJ52WWAM, P3MJ52TWAM
G7 Ezy	P3MJ52WBAM, P3MJ520BAM, P3MJ520BTU, P3MJ520BCF, P3MJ520BAR
G7 Iso	P3MJ57WWAM, P3MJ57VWAM
G7 Terminal	P3MJ57SWAM

The full text of the UK declaration of conformity is available at the following internet address:  
**[eudeclaration.avmap.it](http://eudeclaration.avmap.it)**

## 6. Safety Information

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AvMap disclaims any liability deriving from an improper use or installation of the product in a way that may violate the regulations and safety. It is highly recommended that the installation of the product will be performed by a qualified maintenance technician. Consult the Installation manual for a correct installation procedure.

## 7. Technical specifications

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- Dimensions: 188 x 146 x 33 mm (7.40" x 5.74" x 1.29");
- Weight: 640 g;
- Display: 7";
- Display resolution: 1024 x 600 px;
- Display brightness: 1000 nits;
- Touch-screen: capacitive multi-touch;
- Built-in GPS\*: WAAS/EGNOS/MSAS/GAGAN;
- Wireless LAN connection capability\*;
- CAN port\*\*;
- Water and dustproof: IP56;
- Supply voltage: 10-35 Vdc;
- Operating temperature: -20°C / +65°C (-4°F / +149°F);
- Storage temperature: -30°C / +80°C (-22°F / +176°F);
- Transmitting frequency range: 2400 - 2483 MHz;
- Maximum transmitting power: 1 mW (or 100 mW\*);
- Maximum power consumption: 1.5 A @ 12 V.

\*G7 Plus, G7 Iso, G7 Terminal

\*\*G7 Iso, G7 Terminal

The logo for FarmNavigator features a stylized leaf icon above the word "FARMNAVIGATOR" in a bold, black, sans-serif font. The leaf is positioned above the letter 'M'.

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