



Find My Landroid
get started

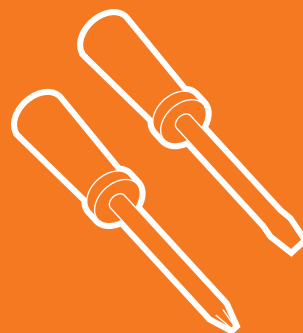
In the box



3x



From your toolbox



LANDROID
UNMANNED
MOWING
VEHICLE

WA0862

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Thank you for purchasing a Worx Find My Landroid.

We're here to help:



Support

www.worx-europe.com/support

Landroid Owner's Site

<https://account.worxlandroid.com/login>

**WARNING: Read all safety warnings and all instructions.**

Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Carefully read the instructions for the safe operation of the machine.

Save all warnings and instructions for future reference.

RF exposure requirements

To satisfy RF exposure requirements, a separation distance of 200mm or more should be maintained between this device and persons during device operation.

Operations at a closer distance are not recommended.

The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

Maintenance

1) Have your equipment serviced by a qualified repair person using only identical replacement parts.

This will ensure that the safety of the equipment is maintained.

2) Never service damaged battery.

Service of the battery should only be performed by the manufacturer or authorized service providers.

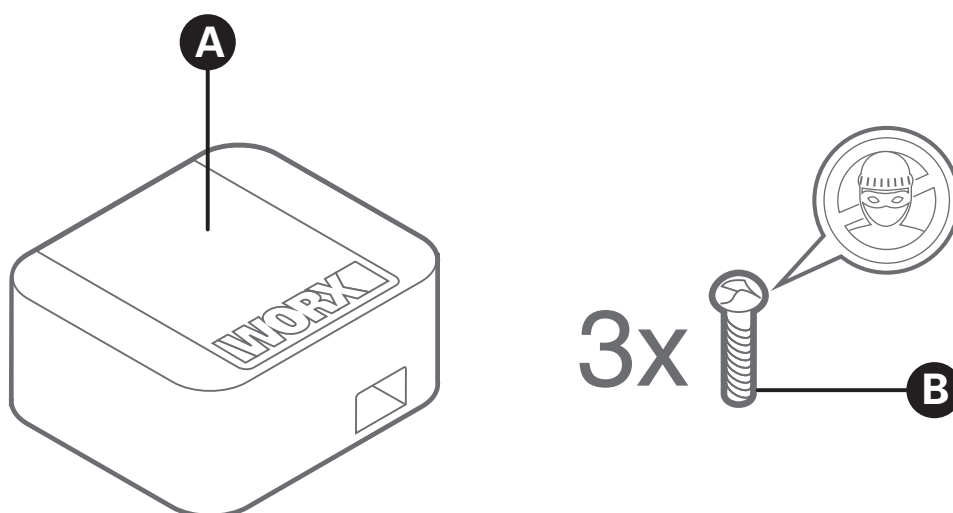
Symbols

Read the operator's manual.



Waste electrical products should not be disposed of with household waste.
Please recycle where facilities exist.
Check with your Local Authorities or retailer for recycling advice.

WHAT'S IN THE BOX



A Find My Landroid module

B 3 anti-tamper screws

HOW IT WORKS

Find My Landroid option tracks your Landroid in case of theft and allows Landroid to operate if there's no Wi-Fi coverage in your garden.

Find my Landroid uses GPS and a mobile network connection to stay connected to the internet at all times; this way, you won't need Wi-Fi to control your mower through the app.

Geofence area

If your Landroid is taken outside the geofence area, you will immediately get notified on your smartphone via the Landroid app. You will be able to lock the robot and track it. Be advised that if FML is on "deep sleep" mode the notification will be delayed by a few minutes (see below). You can set the geofence area on the app. Please consider that there is a small tolerance area (30m from the geofence): if you want to test Find My Landroid you should bring Landroid a bit further away.

Backup battery

Find my Landroid has a backup battery: in case the main battery is removed or Landroid is turned off, it will remain connected for a week. In these cases, Find My Landroid enters "deep sleep" mode in order to save battery: it will wake up for two minutes every ten minutes trying to connect with GPS and communicate its position. After a while, in order to extend battery life, Find My Landroid will decrease the number of messages; it will send one every 30 minutes, and then one every hour.

If you willingly remove the battery from your Landroid or simply turn it off to store it somewhere inside the geofence area (eg. in the garage), Find My Landroid will keep working for one day. After that it will enter "storage mode" and it will stop sending messages.

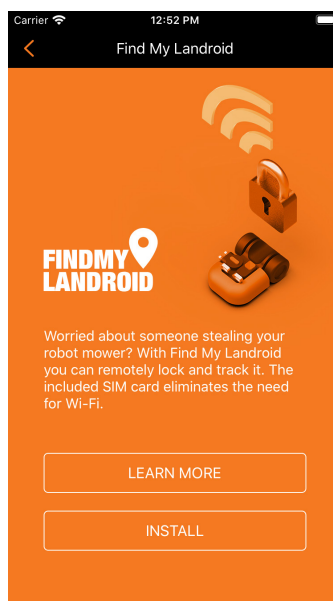
Pre-paid SIM card

Find My Landroid provides data connectivity with its multi-IMSI SIM card, which works with a multitude of telecom providers. The included SIM card is pre-paid for three years, after which it can be renewed for a small annual fee. A mail with all details on renewal will be sent once the expiration is near.

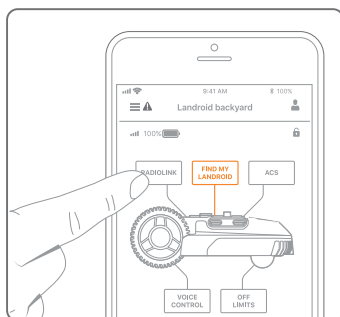
INSTALLATION



To install the Find My Landroid just open the app and select "Find My Landroid".



then select "Install" and proceed with the step by step instructions on the app.



Successful installation of the Find My Landroid module is displayed on the app's home screen (Find My Landroid symbol becomes orange). By touching the orange symbol of Find My Landroid you will access to the further steps to complete the FindMyLandroid settings.

Troubleshooting

Make sure your Find My Landroid® module is securely installed and follow the actions below if your Landroid® does not operate correctly. If these do not identify and correct the problem, contact your service agent.

Symptom	Cause	Action
The position of Landroid® cannot be shown precisely on the App, or its position cannot be detected.	The GPS signal is affected by the weather or some interference.	1. Check and make sure: Landroid® is not upside down or on its side; Landroid® is not covered by some metal objects. 2. Take Landroid® to an open area where it can obtain a mobile signal.
	You are not using the latest version of the Landroid® App.	Please update the Landroid® App to the latest version.
Landroid® does not give an alarm when it is outside the Geo fence.	The software of Landroid® itself is not the latest.	Update the software of the Landroid® before using the module.
	There is a small tolerance area immediately outside the perimeter set for Find My Landroid®.	Bring Landroid® outside of the tolerance area (approximately 30m from the Geo fence) to verify that Find My Landroid® is working.
	The Find My Landroid® module is powered off.	Turn on Landroid® and if necessary recharge it. If it doesn't need to be recharged, Find My Landroid® module will be recharged by the Landroid® PowerShare battery. (Landroid® has an inner battery that lasts a week after it is turn off).
	Geo Fence is not set, or radius of Geo Fence is not set.	Use the Landroid® App to set it properly.
	Landroid® is powered off.	In this case, the alarm will be sent 10mins after the Landroid® is brought outside of the Geo fence.
Landroid® still works when it is outside the Geo fence.	Geo Fence is not set, or radius of Geo Fence is not set.	Use the Landroid® App to set it properly.
	Geo Fence is not enabled.	
Landroid® works normally but the communication between Landroid® and smartphone does not work properly.	The cellular network coverage of Find My Landroid® is weak.	Check if you Find My Landroid® has a weak signal. If yes move to an area with a good signal.
	The Find My Landroid module is damaged.	Please go to https://account.worxlandroid.com/ access your profile and open a ticket using the form
	The software of Landroid® is not the latest.	Update the software of Landroid®.
	The Landroid® App needs to be updated.	Update your Landroid® App before using the module.
	The SIM of the Find My Landroid® module is not activated.	Before first use, make sure you have activated the SIM by following the procedure in the Landroid® App.
	The Find My Landroid® module is not well connected to Landroid®.	Reinstall the Find My Landroid® module. Check that the module connector is correctly inserted with a click.
	Landroid® has no power.	Check if the screen of Landroid® is illuminated. If not, send Landroid® back to the charging base for charging or start emergency procedure to charge it.
	The pre-paid SIM subscription has expired.	The SIM has a pre-paid 3-year subscription. Once expired it must be renewed. An e-mail with all details on renewal will be sent once the expiration is near. When you'll receive it, follow the instruction.

Symptom	Cause	Action
Landroid® is unable to achieve real time positioning or the location of Landroid® cannot be updated in real-time.	The module is designed to update the positioning every 10 minutes, When Landroid® has low power battery capacity, the time interval of positioning update will be longer.	This is normal. No action is needed.
	Landroid® has been switched off for more than 24 hours inside the Geo fence for storage.	

NOTE:

1. The Find My Landroid® module and the Radiolink module can only be alternatively installed.
And the anti-theft screw must be removed by the service agent.
2. The battery of Find My Landroid® module must be replaced by the service agent.
3. Make sure Landroid® is regularly charged during storage, once every half year is recommended.
4. The Find My Landroid® module needs be topped up after a pre-paid 3-year SIM subscription.

Technical data

Band	Tx (MHz)	Rx (MHz)	Max (EIRP) Transmitted Power (dBm)
EGPRS 900MHZ	880~915	925~960	30
EGPRS 1800MHZ	1710~1785	1805~1880	30
NB-IOT Band3	1710~1785	1805~1880	24
NB-IOT Band8	880~915	925~960	24
NB-IOT B20	832~862	791~821	24

Declaration of Conformity

We,
Positec Germany GmbH Grüner Weg 10, 50825 Cologne, Germany

Declare that the product,

Description **4G+GPS module**

Type **WA0862 (2 - designation of machinery, representative of 4G+GPS module)**

Function **GPS localization + cellular connectivity**

Complies with the following Directives,

2014/53/EU, 2011/65/EU&(EU)2015/863

The notified body involved

Name: TIMCO ENGINEERING, Inc (notified body CE1177)

Address: 849 NW State Road 45, Newberry, Florida 32669, USA

Certification No. : TCF-437CC20

Standards conform to,

EN 301 908-1 V11.1.1, EN 301 908-13 V13.1.1, EN 301 511 V12.5.1,

EN 303 413 V1.1.1, EN 301 489-1 V2.2.3, Draft EN 301 489-52 V1.1.0,

EN 301 489-19 V2.1.1, EN 50665:2017, EN 62311:2008, EN 62368-1:2014+A11:2017

A handwritten signature in black ink is positioned to the left of a large, grey, stylized CE mark.

2020/05/14

Allen Ding

Deputy Chief Engineer, Testing & Certification

Positec Technology (China) Co., Ltd.

18, Dongwang Road, Suzhou Industrial

Park, Jiangsu 215123, P. R. China