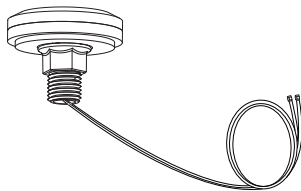


Kress



Commercial



CyberTank Antenna Installation Guide KAC926

TABLE OF CONTENTS

Introduction.....	3
Component List.....	5
Product safety.....	6
Assembly	9
Technical data	12

INTRODUCTION

Dear Customer,

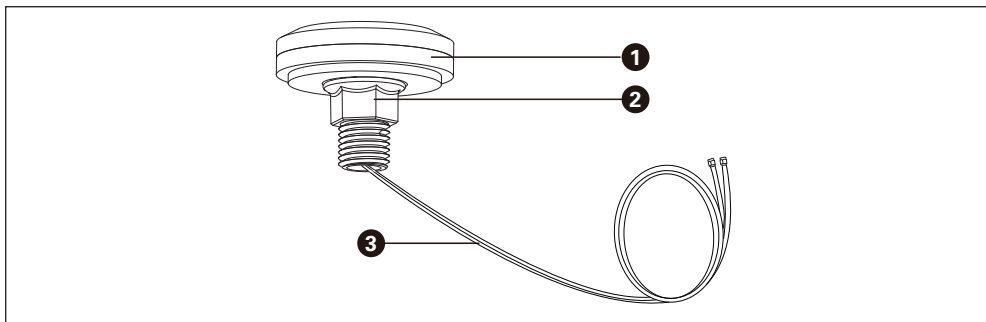
Thank you for buying this Kress Commercial product. We are dedicated to developing high quality products to meet your commercial landscaping requirements.

The Kress brand is synonymous with premium quality service. Over the years of your product's life, if you have any questions or concerns about your product, please contact your dealer or our Customer Service Team for assistance.

We are confident you will enjoy working with your Kress product for years to come.

INTENDED USE

The product is intended for enhancing the 4G signal for the CyberTank in closed environments.



COMPONENT LIST

- | | |
|----|---------------------------|
| 1. | ANTENNA |
| 2. | NUT |
| 3. | SIGNAL TRANSMISSION CABLE |

PRODUCT SAFETY GENERAL SAFETY WARN- INGS



WARNING Read all safety warnings and 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 product.
Save all warnings and instructions for future reference.**

USER MANUAL REQUIREMENTS FOR WIRELESS PRODUCT

- a) Operation of this device is subject to the following two conditions:
- (1) This device may not cause harmful interference, and
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
- b) Caution: Changes or modifications to this unit not

expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- c) NOTE: This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

For mobile device

- 1) To satisfy EMC & RF exposure requirements, a separation distance of 20 cm (7.9") or more should be maintained between the antenna of this device and persons during device operation
- 2) To ensure compliance, operations at closer than this distance is not recommended

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.




Antenna caution (for detachable antennas)

This radio transmitter to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Gain of antenna: 4dBi max

Type of antenna: 50ohm, Chip (GPS) / Dipole (4G)

SYMBOLS

	Read the operator's manual.
	Warning
	RCM marking

ABN: Australian Business Number. By this number, business information such as entity type, status, business location etc. can be found at website <http://abr.business.gov.au>.
ABN of Positec Australia Pty Limited is 14 101 682 357

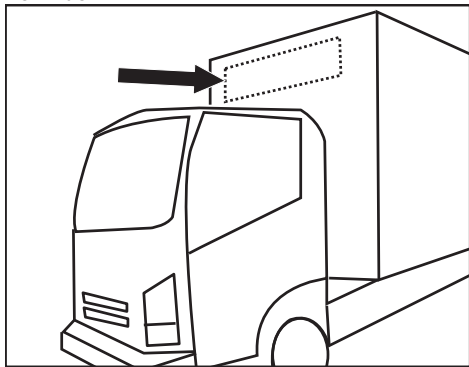


Environmentally friendly disposal
Old electrical appliances must not be disposed of together with the residual waste, but have to be disposed of separately. The disposal at the communal collecting point via private persons is for free. The owner of old appliances is responsible to bring the appliances to these collecting points or to similar collection points. With this little personal effort, you contribute to recycle valuable raw materials and the treatment of toxic substances.

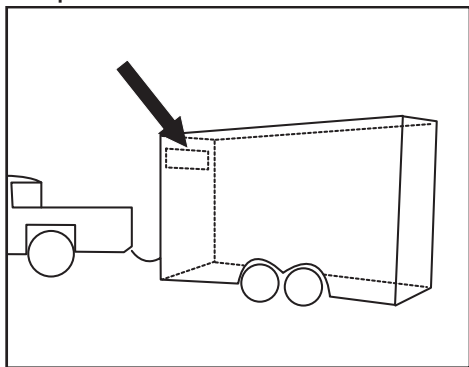
CYBERTANK ANTENNA INSTALLATION GUIDE

Recommended installation position for different vehicles

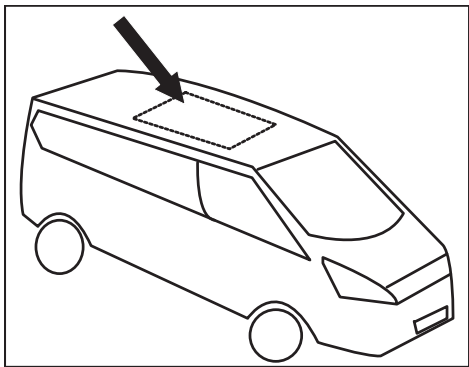
Box Truck



Pickup + Box Trailer



Van



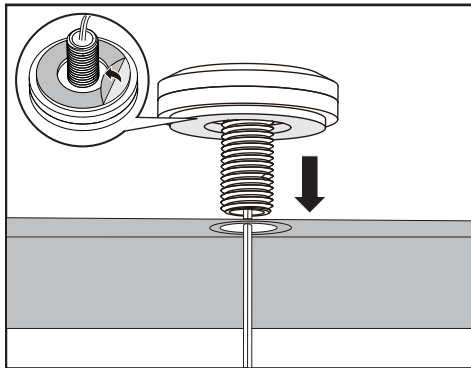
ASSEMBLY

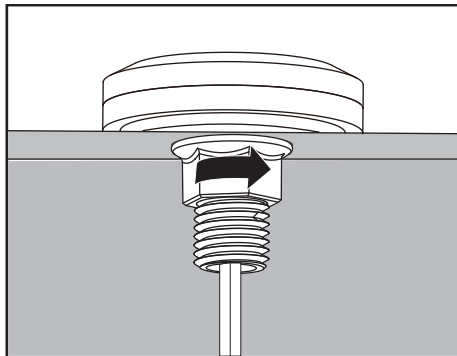
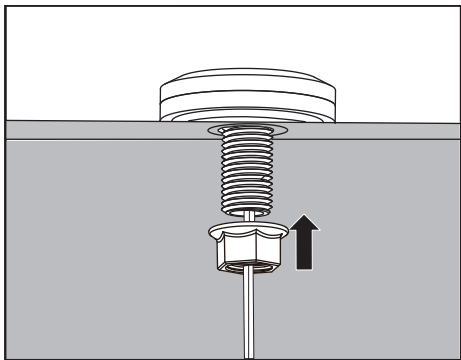
Use a hole saw attachment (1.2 in/30mm) on your power Tool to create a hole above the position where the CyberTank is located

NOTE: It is important to ensure that the hole is drilled on a flat surface and is at a safe distance from any electrical systems, such as wire harnesses, to avoid damaging them. Avoid obstacles like vehicle frames

when drilling the hole.

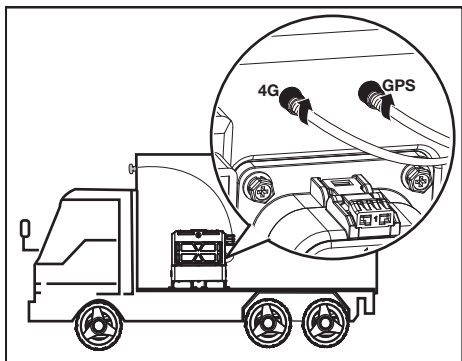
Assemble the antenna with the vehicle.





Connect the antenna with your CyberTank.

NOTE: Connect the cable to the 4G and GPS port respectively.



strength of the signal in your current location, and an external antenna only enhances the signal strength within an enclosed environment.

SETTING UP THE ANTENNA IN APP

Read App Download and Connection Guide and connect your CyberTank with the APP.

To enable the external antenna to function properly, follow the instructions in the app to switch from the built-in antenna to the external one.

NOTE: The signal strength is dependent on the

TECHNICAL DATA

	KAC926
Cable length	4 m
Weight	200 g

Technical data for 4G

Band	TX (MHz)	RX (MHz)	Maximum Average Conducted Output Power (dBm)
GSM 900	880-915	925-960	35.00
DCS 1800	1710-1785	1805-1880	32.00
WCDMA Band I	1920-1980	2110-2170	26.00
WCDMA Band V	824-849	869-894	26.00
WCDMA Band VIII	880-915	925-960	25.00
LTE Band 1	1920-1980	2110-2170	25.00
LTE Band 3	1710-1785	1805-1880	25.00
LTE Band 5	824-849	869-894	25.00
LTE Band 7	2500-2570	2620-2690	25.00

LTE Band 8	880-915	925-960	25.00
LTE Band 28	703-748	758-803	25.00
LTE Band 40	2300-2400	2300-2400	25.00

Technical data for GPS

	TX (MHz)	RX (MHz)
GPS L1	/	1559-1610
GLONASS G1	/	1559-1610
BDS	/	1559-1610
Galileo (E1)	/	1559-1610

ENVIRONMENTAL PROTECTION



Environmentally friendly disposal

Old electrical appliances must not be disposed of together with the residual waste, but have to be disposed of separately. The disposal at the communal collecting point via private persons is for free. The owner of old appliances is responsible to bring the appliances to these collecting points or to similar collection points. With this little personal effort, you contribute to recycle valuable raw materials and the treatment of toxic substances.

Positec Australia Pty Limited
10 Corporate Blvd Bayswater, VIC 3153, Australia



Copyright © 2023, Positec. All Rights Reserved.
V0-AU-KAC926-M-20230529