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## OPERATION AND INSTALLATION INSTRUCTIONS

### **WiTi Anti-Theft System**

In the event an attempt is made to steal the caravan or trailer, **WiTi** detects movement and initiates anti-theft mode. All the lights flash, the alarm sounds for 30 seconds and the brakes are applied to bring the caravan or trailer to a complete stop, making it impossible to tow.

To activate the anti-theft press the button on the remote control and the lights will flash once followed by a three second safety pause and then two flashes to indicate the system is armed. To deactivate press the button on the remote control and the lights will flash once.

**WiTi** incorporates an advanced safety system to ensure the anti-theft system cannot be accidentally activated whilst the caravan or camper trailer is being towed. After activating the system, if movement is detected during the three second safety pause the system will not arm. The lights will not flash twice and the system must be deactivated again before another arming sequence is initiated.

### **Low Voltage Alarm**

**WiTi** features a low voltage alarm. If voltage drops below 11.5V on the battery in the trailer or caravan the alarm will sound and the trailer lights will flash to alert the driver. **WiTi** must be connected to a charging source immediately in order to suspend the low voltage alarm.



## WARNINGS & SAFETY INSTRUCTIONS

**Do not operate WiTi unless you have read and understood this manual and WiTi is installed as per the instructions.**

- Ensure the cable used to install **WiTi** is of adequate thickness to provide the necessary current for the circuit.
- **WiTi** only supports LED globes. The use of incandescent globes will damage the circuitry and void the warranty. Upgrade to LED if necessary.
- **WiTi** must be installed away from environmental conditions that may cause damage to the unit's circuitry including water, salt spray and humidity.
- **WiTi** automatically pairs when in range but it is always good practice to check the lights before towing to ensure they are all operating.

## Specifications

	Trailer Unit
Nominal System Voltage	12V
Operating Voltage	9V-15V
Standby Current	<10mA
Operating Temp	-20C – 60C
Max. Trailer Axles	2 Axles
Lighting circuit/s max draw	2A - LED only
Braking circuit max draw	20A
Maximum Rated Current	35A
Weight	300g

## Contents

1. Trailer Unit
2. Alarm horn
3. Remote Control



# INSTALLATION INSTRUCTIONS

## Anti Theft Installation

The unit **must be installed vertically** with the wiring harness protruding from the bottom of the unit. **WiTi** uses gravity to initialise the anti-theft system and if not installed vertically functionality could be compromised.

WiTi Anti Theft can be installed in any area that makes practical sense, typically next to the battery in the caravan or trailer. WiTi can be secured to any flat surface using strong double sided tape.

The horn must be installed at least 1 metre away from the Trailer Unit and on a different mounting surface to prevent interference.

The caravan or trailer battery must be connected to an acceptable charging circuit - either solar panels, anderson plug or DCDC charger.

*Note: WiTi only supports LED type globes. If older incandescent style globes are used then the circuit must incorporate a relay to minimise the load on WiTi. Failure to do this will result in irreparable damage to the circuitry and void warranty.*

Wire Colour	Function
Brown	Driving Lights
Blue	Electric Brake Output
Green / White	Alarm output. Connect to the horn.
White	Alarm earth
Red fused 35A	Connect to the positive terminal of the house battery.

## Wiring Instructions

Please ensure the cable used is of adequate thickness to provide the necessary current for the circuit.

Brown: Connect to the brown wire on the trailer wiring harness. The brown wire is for the driving lights, side markers and front markers. Note: only LED globes are supported. If incandescent globes are in use then a relay must be incorporated into the circuit to protect the electronics in WiTi. *Failure to do this will result in irreparable damage to the circuitry and void warranty.*

Blue: Connect to the blue wire on the trailer wiring harness that is connected to the electric brakes.

Green & White Trace: Connect to the either terminal of the horn. The other terminal of the horn must be connected to the white wire.

White: Connect to the second terminal on the horn.

Red Fused wire: Connect this to the positive terminal on the battery.

Black : Connect this to the negative terminal of the battery.

## LIMITED WARRANTY

If Leisure Technologies determines that you are covered by a warranty as set in the Australian consumer law the company shall at its expense: (a) repair the product, or replace the product with a new unit (which may have used refurbished parts of similar quality); (b) ship the repaired or replaced unit back to you; (c) warrant the repaired or replaced product for a reasonable period; and/or (d) refund money paid for the product. The Company has the discretion as to which remedy applies;

### Warranty period

The warranty period starts on the date of purchase and ends 24 months later. For the purpose of this limited warranty, the date of purchase is the date indicated on the original bill of sale or receipted invoice for the product from the vendor from which you acquired this product.

### How to get warranty service

During the warranty period, if you wish to return a defective product you may contact us via [www.WiTi.com.au](http://www.WiTi.com.au). You may then return the defective product to the address given accompanied by an acceptable proof of purchase (a bill of sale or receipted invoice).

### What is not covered

The limited warranty does not cover a product:

- for which you are not the original purchaser;
- that is damaged by using in a way that was unreasonable or unintended;
- that is returned after the applicable warranty period set out above has expired;
- that has been installed other than per the product installation guidelines;
- that has been maintained, altered or modified, opened or repaired, other than by the company or by a company authorised service centre;
- that has been physically damaged, other than by the company or a company authorised service centre.

To the extent permitted by law, Leisure Technologies, its directors, officers, employees, suppliers and agents, shall not be liable for injury to persons or property, or for any indirect, special, incidental or consequential, punitive or exemplary damages and liability, and shall be limited to the amount you paid for the product.

### Other important notices

To the extent permitted by law, this limited warranty constitutes the entire agreement on the subject matter and supersedes any prior agreement or understanding, written or oral. Where used herein, the company shall mean Leisure Technologies Pty Ltd and its subsidiaries and associates.

Our goods come with guarantees that cannot be excluded under the Australian consumer law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The benefits under your warranty are in addition to other rights and remedies under the law in relation to the product.

[www.WiTi.com.au](http://www.WiTi.com.au)  
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