



**Anti Theft
Operation &
Installation
Guide**

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. The brakes are applied for five seconds and then released if there is no movement to prevent the battery from discharging unnecessarily.

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.

On initial power up WiTi Anti-Theft needs to be initialised. To do this press the button on the remote control and the lights will flash once. The system is now initialised. This only needs to be done on power up. If power is removed from WiTi Anti Theft then the system needs to be initialised again.



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** must be installed away from environmental conditions that may cause damage to the unit's circuitry including water, salt spray and humidity.
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Specifications

| | Trailer Unit |
|--------------------------|--------------|
| Nominal System Voltage | 12V |
| Operating Voltage | 9V-15V |
| Standby Current | <10mA |
| Operating Temp | -20C – 60C |
| Max. Trailer Axles | 3 Axles |
| Braking circuit max draw | 25A |
| Maximum Rated Current | 30A |
| Weight | 300g |

Contents

1. Trailer Unit
2. Alarm horn
3. Two Remote Controls



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 or near 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.

Wiring Instructions

The Anti Theft system is supplied with two connectors, an 8 pin unit for the lights, brakes and horn circuits and a 2 pin connector for power. Install the wiring on the corresponding plugs supplied before connecting to the Trailer Unit.

Connect one of the terminals on the horn to the green and white wire and the other terminal to an earthing point.

Note: If a break away option is installed there will be two additional blue wires on a separate 2 pin connector. These must be connected to the break away switch on the caravan.

| Wire Colour | Function |
|---------------|---|
| Yellow | Left Indicator |
| Green | Right Indicator |
| Red | Brake Light |
| Brown | Driving Lights |
| Black | Reverse Lights |
| Blue | Electric Brake Output |
| White | Earth Return |
| Green / White | Alarm output. Connect to the horn. The horn can be earthed to the chassis or any earth point. It is not polarity sensitive. |

| Wire Colour | Function |
|-------------|--|
| Red 12V+ | Connect to the positive terminal of the battery. |
| Black NEG | Connect to negative terminal of the battery. |

| Wire Colour | Function |
|-------------|-------------------|
| Blue X 2 | Break away Switch |