OPERATION & INSTALLATION GUIDE

AUSTRALIAN MADE AND OWNED

WITI SAFELINK WIRELESS TOWING INTERFACE



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NEED A HAND?

Use the support form on our website. You can attach photos of your install, which helps us help you faster.

Prefer a professional fit? Find a WiTi dealer or installer near you at witi.com.au/pages/dealers-and-installers.

Warnings & Safety

READ THIS FIRST

Do not tow with SafeLink until you have read and understood this guide, and SafeLink has been installed as described in it.

- **SafeLink needs a WiTi Anti-Theft System** installed and powered on the caravan or trailer you are towing. The Anti-Theft System is what drives the trailer lights and brakes.
- **Check your lights and brakes before every tow.** SafeLink pairs automatically when it is in range, but always walk around and confirm the indicators, tail, brake and reverse lights work, and that the trailer brakes respond. See the checklist on page 13.
- **If the wireless link drops, the trailer lights and brakes switch off.** Stop somewhere safe and check before continuing. See page 10.
- **An active alarm takes over the lights and brakes.** While the Anti-Theft alarm is going off, SafeLink does not control the trailer lights or brakes. Disarm the Anti-Theft System before you tow.
- **Wireless braking needs electric or electric-over-hydraulic (EOH) trailer brakes.** On boat trailers, that means disc brakes with an EOH actuator.
- **Wiring must be done correctly.** SafeLink connects to your vehicle's trailer wiring. If you are not confident with 12V or 24V automotive wiring, have it fitted by a WiTi dealer or a qualified auto electrician.
- **Check your vehicle's trailer plug wiring** before installing. Not every vehicle is wired to the standard colours. See page 6.
- **Keep SafeLink up to date.** Install the latest firmware on your SafeLink and your Anti-Theft System from witi.com.au/pages/firmware-downloads.

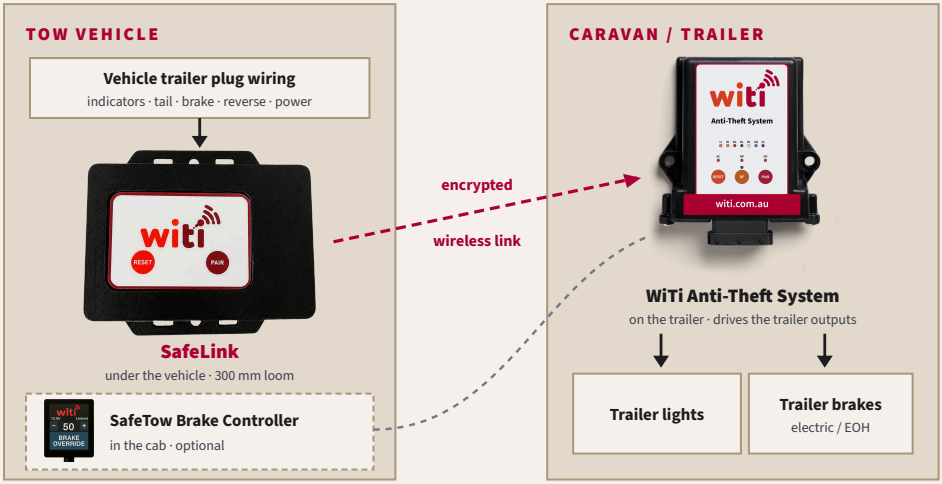
Your legal responsibilities

You remain responsible for making sure your vehicle and trailer are roadworthy, and that the trailer's lights and brakes meet the rules in your state or territory every time you tow. SafeLink does not replace your own pre-tow checks.

How SafeLink Works

The WiTi SafeLink Wireless Towing Interface sends your tow vehicle's lighting and braking signals to your caravan or trailer over a private, encrypted wireless link. Your trailer lights and brakes work without depending on the trailer plug cable: no more damaged cables, corroded pins or loose connections.

SafeLink mounts **under the tow vehicle** and is wired into the back of the vehicle's trailer plug. It reads the vehicle's light signals and sends them to the **WiTi Anti-Theft System** on the trailer, which drives the trailer lights and, where fitted, the trailer brakes.



What you need

- A **WiTi Anti-Theft System** fitted and powered on the caravan or trailer, running current firmware.
- A tow vehicle with a **12V or 24V** electrical system and a wired trailer plug (12-pin, 7-pin or 5-pin).
- For wireless braking: **electric or electric-over-hydraulic** trailer brakes, plus either your vehicle's own electric brake controller or a **WiTi SafeTow Brake Controller** (see page 11).

Works with your vehicle's towing features

While SafeLink is linked to the trailer, it makes the vehicle see a trailer connected, just like a cabled trailer. Vehicle towing modes and trailer detection (for example, lamp-out warnings or rear sensors that switch off when towing) behave as normal. When there is no link, the vehicle sees no trailer.

What SafeLink Sends

Tow vehicle signal	What happens on the trailer
Left indicator	Left indicator
Right indicator	Right indicator
Tail lights	Tail lights
Brake lights	Brake lights, and triggers trailer braking (page 11)
Reverse	Reverse lights
Ignition (optional)	Switches the Anti-Theft ignition (IGN) output on, like a wireless relay. Handy for a DC-DC charger in the van.*
Brake controller output	Sets the trailer brake level, when no WiTi SafeTow Brake Controller is paired

* Not available when canopy central locking is enabled on the Anti-Theft System, because that output is then used as the unlock relay.

Operating Modes

Your Anti-Theft System picks its mode automatically each time it starts, based on what is paired to it. There is no setting to change.

Paired to the Anti-Theft	What you get
Nothing (or SafeTrack GPS only)	Anti-theft security only
SafeTow Brake Controller only	Brake control and anti-theft. No wireless lights
SafeLink only	**Third-party brake controller mode.** Wireless lights from SafeLink; brake level from your vehicle's own electric brake controller
SafeLink and SafeTow Brake Controller	**Full WiTi mode.** Wireless lights from SafeLink; braking from SafeTow

> **Got a WiTi TPMS Monitor instead of SafeTow?**
> A TPMS-only display does not control braking, so with SafeLink the Anti-Theft runs in third-party brake controller mode.

Compatibility

SafeLink works with all WiTi Anti-Theft System models, including the older SKU 440 and 450. Keep both units on current firmware from witi.com.au/pages/firmware-downloads. Not sure which Anti-Theft you have? Send us a photo of the unit and its serial number through the support form.

Installation: Before You Start

In the box

- WiTi SafeLink Wireless Towing Interface with a pre-installed 300 mm wiring loom
- This guide (also available to download from witi.com.au)

You will need

- A multimeter or 12/24V test light
- Crimp connectors or solder and heat-shrink
- Screws or cable ties to mount the unit
- General 12V / 24V automotive wiring knowledge



Example install: under the rear of a tow vehicle, beside the trailer plug wiring.

DIY OR DEALER FIT

SafeLink can be installed by anyone with general 12V / 24V wiring knowledge. If that's not you, a WiTi dealer or a qualified auto electrician can fit it. Find an installer.

Step 1: Check your vehicle's trailer plug

Not every vehicle's trailer plug is wired to the standard colours. Before you connect anything, use a multimeter to confirm at the back of the plug:

- **Permanent power** is present with the ignition **off** (12-pin: pin 8), or plan a separate fused feed to SafeLink. 7-pin and 5-pin plugs don't have one.
- **Ignition**, if you plan to use it, is only live with the ignition **on** (12-pin: pin 9, or a separate ignition-switched feed).
- Each light circuit switches on when you operate that light.
- Don't assume pins 8 and 9 are live: many factory-wired vehicles leave them unpowered, even on a 12-pin plug.

Step 2: Choose a mounting spot

- Under the tow vehicle, close enough to the trailer plug for the 300 mm loom to reach without strain.
- Somewhere protected from direct water spray, stone strike and exhaust heat, and clear of moving parts.
- Not fully enclosed in a metal box or tray: metal around the unit can weaken the wireless signal.
- Secure it firmly through the mounting slots so it can't vibrate loose.

Installation: Wiring

SafeLink's loom uses the standard trailer wiring colours. Connect each SafeLink wire to the same-coloured circuit at the back of your vehicle's trailer plug. The plug stays in place, so you can still connect a cabled trailer if you need to.

SafeLink wire	Function	Trailer plug pin number
Yellow	Left indicator	1
Black	Reverse	2
White	Earth –	3
Green	Right indicator	4
Blue	Brake controller output*	5
Red	Brake (stop) lights	6
Brown	Tail lights	7
Orange	**Permanent power +** 12V or 24V	8 or separate feed †
Violet	**Ignition** (optional)	9 or separate feed †

Pin numbers are the same on every plug type. 5-pin plugs have no pins 2 or 5.

† Orange and violet don't have to go to the trailer plug. You can run a separate supply to the SafeLink loom instead: a fused permanent feed for orange and an ignition-switched feed for violet. Many factory-wired vehicles have no power on pins 8 and 9, so check them with a multimeter first. On a 7-pin or 5-pin plug you'll need a separate feed, as there are no pins 8 or 9.

* Only if you use your vehicle's own electric brake controller (page 11). Leave it unconnected with a WiTi SafeTow Brake Controller.



12-pin flat **7-pin flat** **7-pin round** **5-pin round**

Vehicle-side plug, viewed from the wiring (back) side

Orange: permanent power

SafeLink needs a permanent, fused 12V or 24V supply, from pin 8 or a separate feed. It draws very little and sleeps when the vehicle is idle (page 10).

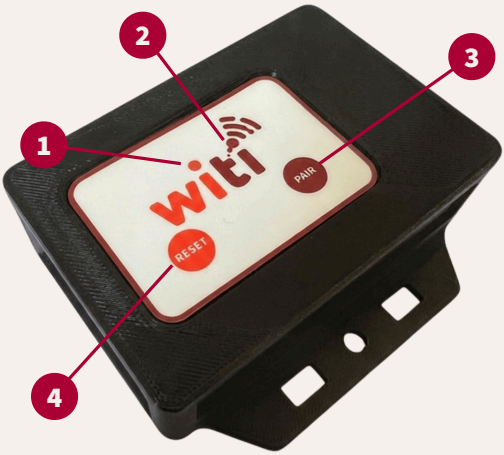
Violet: ignition (optional)

From pin 9 or any ignition-switched feed. Lets the Anti-Theft ignition output switch with the vehicle, for example for a DC-DC charger in the van. Not needed? Leave it unconnected and insulated.

After wiring

Seal every joint and secure the loom. Then pair SafeLink (page 9) and test every light and the brakes (page 13).

Indicator Lights & Buttons



#	Part
1	**Status LED** the dot of the “i”
2	**Pairing LED** at the base of the signal arcs
3	**PAIR button**
4	**RESET button** restarts SafeLink

What the lights mean

What you see	What it means
Status on, Pairing on	Running and linked to your trailer. All good.
Status on, Pairing off	Running, but no link to the trailer
Pairing flashing slowly (once a second) after power-up	Starting up: looking for the trailer for up to 15 seconds
Pairing flashing fast, no link, PAIR not pressed	Update mode: ready for a firmware update (page 12)
Pairing flashing fast, Status on, after holding PAIR	Pairing mode (page 9)
Both flash together 6 times, quickly	Pairing worked
Both flash alternately for 10 seconds	Pairing failed. Try again
Both flash together 6 times, slowly	Pairing cleared
Both off	Asleep to save your battery (page 10), or no power

Pressing PAIR during normal running only lights the Pairing LED while you hold it. It doesn't change anything.

Pairing SafeLink with Your Anti-Theft

SafeLink pairs with one trailer. Your Anti-Theft System can be paired with one SafeLink and one WiTi SafeTow Brake Controller. Both units need to be in pairing mode at the same time, and each stays in pairing mode for **60 seconds**, so have the tow vehicle and trailer close together before you start.

1 **Power up the trailer**
Make sure the Anti-Theft System on the trailer has power.

2 **Put the Anti-Theft into pairing mode**
Hold the Anti-Theft's **PAIR** button while you power it up. Keep holding until its PAIR LED flashes fast, then let go.

3 **Put SafeLink into pairing mode**
Hold SafeLink's **PAIR** button, then press and release **RESET** (or switch SafeLink's power on). After about half a second the Pairing LED flashes fast. **Let go of PAIR straight away.** Holding it for 5 more seconds clears the pairing instead.

4 **Wait a few seconds**
When pairing works, both SafeLink LEDs flash together 6 times. Both units then restart by themselves.

5 **Check it**
Turn the vehicle lights on. SafeLink's Pairing LED should be on steadily and the trailer lights should follow the vehicle.

PAIRING FAILED?

If both SafeLink LEDs flash alternately for 10 seconds, the units didn't find each other. Both must be in pairing mode within the same 60 seconds. Start the Anti-Theft first, then SafeLink, and try again.

Clearing a pairing

Use this if you are swapping SafeLink to a different trailer, or replacing a unit.

- **SafeLink:** enter pairing mode as in step 3 and keep holding PAIR. After about 5 seconds of fast flashing, both LEDs flash slowly 6 times and SafeLink restarts with its pairing cleared.
- **Anti-Theft:** do the same on the Anti-Theft. This clears its SafeLink and SafeTow pairings. Your SafeTrack GPS pairing is kept, so you won't need to pair the GPS again.

A cleared SafeLink ignores a trailer that still has it paired. Pair the two again to restore the link.

Everyday Use

Once paired, SafeLink looks after itself. There's nothing to plug in or switch on: hitch up, power the trailer and go.

Starting up

Each time SafeLink powers up or wakes, it looks for your trailer for up to **15 seconds** (Pairing LED flashing slowly). When the trailer answers, it runs normally and the Pairing LED stays on.

POWER THE TRAILER FIRST

If SafeLink wakes and can't find the trailer (for example, the Anti-Theft is switched off or out of range), it goes into firmware update mode for up to 2.5 minutes before running normally again. The trailer lights won't work during this time, which can mean a wait of up to about 2¾ minutes.

To avoid the wait, make sure the trailer is powered before you start the vehicle or use its lights. If you do get caught, press RESET on SafeLink with the trailer powered.

Sleep and wake

- SafeLink goes to sleep after **30 minutes** with no vehicle lights or ignition on, to protect your vehicle battery. Both LEDs go off.
- It wakes when you use the **indicators, brake lights or reverse**.
- It does **not** wake on the tail lights or ignition alone, but those keep it awake once it's running.
- On waking, it goes through the 15-second start-up above.

If the link drops

If SafeLink loses contact with the trailer for about a second, its Pairing LED goes off and the Anti-Theft **switches the trailer lights and brakes off**. The vehicle will also stop seeing a trailer connected. Pull over somewhere safe and check that the trailer has power and the Anti-Theft is on before you continue.

When the alarm is active

While the Anti-Theft alarm is going off, it takes over the trailer lights and brakes, and SafeLink's signals are ignored. Disarm the alarm and the lights return to normal.

No flicker on modern vehicles

Many modern vehicles pulse their trailer outputs rather than holding a steady voltage. SafeLink smooths these signals so the trailer lights don't flicker. Lights may take up to about a tenth of a second longer to switch off than on the vehicle.

Braking Over the Wireless Link

SafeLink can control electric or electric-over-hydraulic (EOH) trailer brakes in one of two ways, depending on what's paired to your Anti-Theft System. The Anti-Theft chooses automatically (page 5).

Option A: Your vehicle's own electric brake controller
Third-party brake controller mode · SafeLink only

SafeLink reads your in-vehicle brake controller's output and sends the brake level to the Anti-Theft. The trailer brakes at that level **only while the vehicle brake lights are on**.

Connect SafeLink's brake controller wire to the service brake circuit (page 7). Your brake controller must have a pulsed (PWM) output of 100 Hz or faster. If you're not sure, check with the brake controller's maker or your WiTi dealer.

Option B: WiTi SafeTow Brake Controller
Full WiTi mode · SafeLink + SafeTow

The trailer brakes when the vehicle brake lights come on (sent by SafeLink) or when you press the manual brake on SafeTow. The brake level is set by SafeTow's brake force setting, and SafeTow also gets the brake-light signal from SafeLink.

You don't need to connect SafeLink's brake controller wire in this setup. See the SafeTow guide for brake calibration.

IMPORTANT

In both modes, a brake signal without the brake lights on does nothing. If your brake lights aren't reaching the trailer, the trailer won't brake.

An active Anti-Theft alarm takes over the brakes. No wireless braking happens while the alarm is on.

Test before you tow

With the vehicle and trailer hitched and the link up, have someone watch the trailer while you press the brake pedal. The trailer brake lights should come on and the brakes should apply, then release when you lift off. At low speed, check the trailer brakes pull up the rig smoothly. Adjust your brake controller's gain to suit the load.

Updating SafeLink Firmware

We release firmware updates to improve SafeLink and keep it working with the rest of your WiTi system. You can update SafeLink from your phone, without removing it from the vehicle. Your pairing is kept.

1 **Download the update to your phone**
Go to witi.com.au/pages/firmware-downloads and save the latest SafeLink firmware file to your phone.

2 **Put SafeLink into update mode**
With the trailer **switched off or out of range**, power SafeLink up (or press RESET). After 15 seconds the Pairing LED flashes fast: SafeLink is now in update mode.

3 **Connect your phone to SafeLink**
In your phone's Wi-Fi settings, join the network **WITI-WI-Update**. Password: **WiTi-Update**

4 **Upload the file**
Open the SafeLink update page in your phone's browser, select the firmware file and tap **Upload & Flash**.

5 **Let it finish**
SafeLink checks the file, installs it and restarts by itself. Keep it powered until it restarts. Then power the trailer and check your lights.

GOOD TO KNOW

SafeLink only accepts genuine WiTi SafeLink firmware. Anti-Theft or SafeTow files are refused, so you can't load the wrong one by mistake.

If nothing is uploaded within 2.5 minutes, SafeLink leaves update mode and runs normally. Just start again from step 2.

Keep your Anti-Theft up to date too

SafeLink works best when your Anti-Theft System is also on current firmware. Updates for both are on the firmware downloads page. Need help? Use the support form.

Before Every Tow

A two-minute walk-around before you head off. Have someone stand behind the trailer, or use a reflective surface, while you work the lights from the driver's seat.

- [ ] **Trailer powered and alarm disarmed.** The Anti-Theft System is on and not armed.
- [ ] **Linked.** The trailer responds to the vehicle lights. SafeLink's Pairing LED is on steadily.
- [ ] **Left and right indicators, and hazards.** The trailer follows, with no flicker.
- [ ] **Tail lights.** On and off with the vehicle.
- [ ] **Brake lights.** On when you press the pedal, off when you lift.
- [ ] **Reverse lights.** On in reverse.
- [ ] **Trailer brakes.** Apply with the brake lights and release when they go off (page 11).
- [ ] **No warnings on the dash.** The vehicle sees a trailer connected, with no lamp-out warnings.
- [ ] **Ignition output** (if used). Your DC-DC charger or other device switches on with the ignition.

SOMETHING NOT WORKING?

Don't tow until it's sorted. Check the troubleshooting page, or contact us through the support form.

Every few months

- Check SafeLink is still firmly mounted and the loom isn't rubbing or damaged.
- Check for firmware updates for SafeLink and your Anti-Theft System at witi.com.au/pages/firmware-downloads.

Troubleshooting

Problem	What to check
Pairing LED off and the trailer lights don't work	Is the trailer powered and the Anti-Theft on? Are the two units paired to each other? A cleared or replaced unit needs pairing again (page 9). Is the Pairing LED flashing fast? SafeLink may be in update mode: press RESET with the trailer powered.
Lights take a couple of minutes to start working	SafeLink woke before the trailer was powered and went into update mode. Power the trailer first, or press RESET on SafeLink (page 10).
Lights work but the trailer doesn't brake	The vehicle brake lights must reach the trailer. With your own brake controller, check its output reaches SafeLink's brake controller wire. With SafeTow, check it's paired and its brake force isn't set to zero.
Trailer lights stop while the alarm is going off	That's normal. The alarm controls the lights while it's active. Disarm the Anti-Theft.
Trailer lights off and the Anti-Theft's SC light is blinking	A short circuit on the trailer lights or horn wiring. The Anti-Theft retries automatically; after 3 trips in 30 seconds it stays off until its power is switched off and on. Find and fix the fault first.
SafeLink doesn't wake when I turn the tail lights on	That's normal. Use the indicators, brake lights or reverse to wake it.
Pairing fails (LEDs flash alternately)	Both units must be in pairing mode within the same 60 seconds. Start the Anti-Theft first, then SafeLink.
Vehicle reports a trailer when none is linked	Check SafeLink is on current firmware (page 12).
Lights flicker on the trailer	Check the wiring joints and earth. If it continues, contact us with the vehicle make, model and year.

STILL STUCK?

Send us a message through the support form. Include your vehicle details, what the SafeLink LEDs are doing, and photos of the install. It helps us sort it quickly.

Specifications

Specification	Detail
Product	WiTi SafeLink Wireless Towing Interface (SKU 116)
System voltage	12V and 24V vehicles
Operating voltage range	[TBC]
Operating current	[TBC]
Sleep current	[TBC]
Sleep	After 30 minutes with no vehicle input
Wireless link	Private, encrypted 2.4 GHz link to the WiTi Anti-Theft System
Wiring	Pre-installed 300 mm loom
Inputs	Left and right indicators, tail, brake, reverse, ignition, brake controller output
Operating temperature	[TBC]
Dimensions and weight	[TBC]
Firmware at release	WI-3.3 (November 2026)

Contact Us

For	Where to go
Technical support and warranty	**witi.com.au/pages/support-contact**
Firmware downloads	**witi.com.au/pages/firmware-downloads**
Find a dealer or installer	**witi.com.au/pages/dealers-and-installers**
Product information	**witi.com.au/pages/safelink**

USE THE SUPPORT FORM

It's the quickest way to reach us, and you can attach photos of your install.

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 through the support form at 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).

Please contact us before sending anything back. We'll give you a **reference number** and the return address. **Write the reference number clearly on the parcel.**

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.

Disclaimer

- WiTi products are designed for installation by reasonably competent consumers. Consumers are taken to have sufficient knowledge of the intended caravan or trailer unit and its appropriateness for the installation of any WiTi products.
- Installation of WiTi products may require consumers to have knowledge and experience using powered tools and electrical wiring. Consumers without such knowledge are to refrain from attempting any installation of WiTi products and to consult their nearest WiTi specialist or qualified Auto Electrician.
- Prior to the installation of any WiTi product consumers are taken to have comprehensively read and understood the appropriate WiTi operation and installation guide included with the product.
- It is the consumer's sole responsibility to have WiTi products properly installed on their vehicle and/or trailer units along with any modifications necessary for the proper installation of WiTi products.
- Consumers are solely and completely responsible for evaluating their trailer units to ensure that the trailer units, and each part thereof, is appropriate, adapted, and applicable for installation and use of WiTi products.
- Any and all WiTi unit damages caused by a consumer's failure to modify the caravan or trailer properly for installation and use of one or more WiTi products not covered by this disclaimer is the sole responsibility of the consumer.
- Leisure Technologies Pty Ltd and their distributors and resellers also expressly disclaims all liability for direct, indirect, special, incidental, or consequential damages, including but not limited to, damage or loss of property or equipment, injury to person whether physical or not, loss of profits or revenue, cost of purchase or replacement of goods, or claims of customers of the purchaser that result from the incorrect installation of any WiTi Anti-Theft unit or sub unit.

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.

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