

## BACKGROUND

Kaha Sciences is a brand owned and operated by ADInstruments NZ Limited. ("ADInstruments")

## RESPONSIBILITIES

The Purchaser and any others using any ADInstruments product or solution agree to use it in a reasonable manner for purposes for which it is suited, and agree to take responsibility for their actions and the results of their actions. If problems arise with an ADInstruments product, ADInstruments will make all reasonable efforts to rectify them. This service may incur a charge, depending on the nature of the problems, and is subject to the other conditions in this Disclaimer and Warranty.

## DISCLAIMER

Except as specified below, ADInstruments makes no warranties, express or implied, and specifically disclaims any warranty of the products' fitness for a particular purpose. The Kaha Science Products supplied by ADInstruments are intended for use in teaching and research applications and environments. Products supplied by ADInstruments are NOT intended to be used as medical devices or in medical environments. That is, no product supplied by ADInstruments is intended to be used to diagnose, treat, or monitor a person. Furthermore no product is intended for the prevention, curing or alleviation of disease, injury or handicap.

## WARRANTY

### Rat Telemeter Warranty

ADInstruments comprehensive telemeter warranty guarantees that telemeters will be free from defects in materials and workmanship for sixty (60) days after the date of implantation provided that implantation occurs within six months of the date of shipment/purchase of the rat telemeter and that upon implantation the telemeter is registered at [adi.to/telemeter-register](http://adi.to/telemeter-register).

In order to activate this warranty, registration of all rat telemeters is compulsory upon first implantation. Registration must occur within six (6) months from the date of shipment/purchase.

### Mouse Telemeter Warranty

ADInstruments warrants that at the time of sale and shipment to the original purchaser, Kaha Sciences mouse telemeters shall be free from defects in material and workmanship for 90 days from the date of shipment.

### Telemetry Hardware Warranty

ADInstruments warrants that at the time of sale to the original Purchaser, the telemetry hardware (excluding telemeters – see above) shall be free from defects in materials and workmanship for a period of one (1) year from its date of shipment to the original purchaser. Should the hardware become damaged after expiration of the one-year warranty, ADInstruments will accept the product for evaluation with a signed RMA (return material authorization) and at a cost of USD100. If repairs are required, ADInstruments will provide a detailed quote and lead time, and will not commence the repair work until the customer has approved the quote. As part of ADInstruments continued commitment to customer support, free online, phone and email support in the use of all telemetry equipment is available beyond all warranty periods.

### Defects

If there is a defect in a Kaha Sciences Product (other than telemeters which cannot be repaired), as Purchaser's sole remedy hereunder, ADInstruments will repair or replace the equipment as appropriate, and the duration of the warranty shall be extended by the length of time needed for repair or replacement. To obtain service under this warranty, the Purchaser must notify the nearest ADInstruments office, or Authorized Representative, of the defect before the warranty expires. The ADInstruments or Representative office will advise the Purchaser of the nearest service center address to which the Purchaser must ship the defective product at his or her own expense. The product should be packed safely, preferably in its original packaging. ADInstruments will pay return shipping costs.

### General Limitations

ADInstruments products are produced to high standards, and should perform as described in the supplied documentation. There is a limited hardware warranty, and technical support is provided for all ADInstruments products. Nevertheless, since ADInstruments products could be affected by external factors (for instance, the computer system on which they run and other hardware and/or software provided by third parties), absolute performance and reliability of products and the overall solution cannot be guaranteed. No warranty, either expressed or implied or statutory, other than that expressly contained in this Warranty and Disclaimer, is made in respect to ADInstruments products or software, third party products or software, the overall solution or otherwise. The Purchaser therefore assumes all risks as to the performance and reliability of the products, the software, the solution and the results gained using them. ADInstruments neither assumes nor authorizes any person to assume on its behalf any liability in connection with the sale, installation, service or use of its products. ADInstruments shall not be held responsible for special, consequential or punitive damages of any kind arising out of sale, installation service or use of its products.

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# Mouse Telemeter Instructions for Use

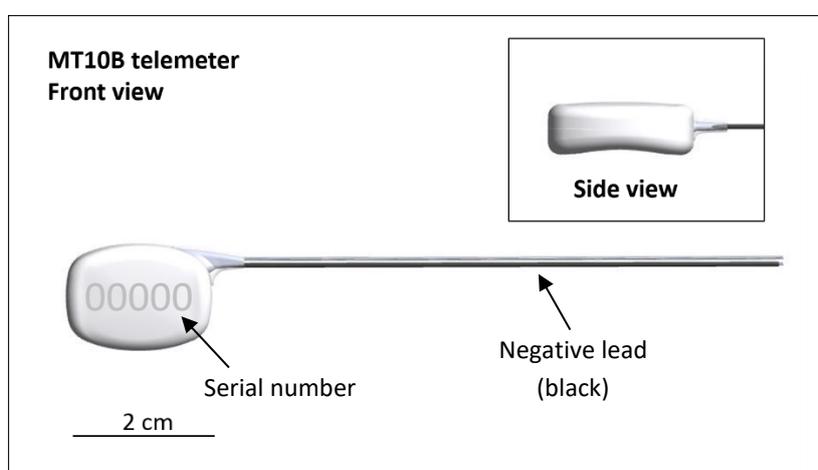
*Please read these instructions carefully before using your telemeter. We also strongly recommend reading the User Manual for Kaha Mouse Telemetry Systems and viewing our Online Resources which contain videos on surgical techniques. [www.adinstruments.com/support/kaha](http://www.adinstruments.com/support/kaha)*

## THE TELEMETER

Kaha mouse telemeters are designed for single use and are shipped in individual sterile packages, ready for implantation. Depending on your biohazard or medical waste disposal services, it is possible to discard the biopotential leads and/or the telemeter body while still implanted in the mouse at the end of the experimental protocol.

The telemeters are designed with a unique contour for easy implantation subcutaneously in mice >22 grams. The underside of the telemeter has a concave surface which is designed to sit on top of the muscle layer and a convex top surface which sits under the skin.

For ease of identification, the polyurethane tubing around the negative lead is black, while the tubing around the positive lead is transparent.



### Important!

**All telemeters are shipped on Channel "Setup". They must be configured to a data collection Channel (1-40) before surgical implantation.**

**The telemeter does NOT need to be removed from the sterile packaging for Channel configuration.** Please read the User Manual for details on configuration of the telemeter.

**\*\*Telemeters are precision electronic items. Take care not to damage the telemeter body and electrode lead wires as they are non-repairable.** Avoid excessive handling, bending or stretching the lead wires as damaging the wire can lead to wire breakages and poor signal quality during recordings.

## TELEMETER STERILITY

**Kaha mouse telemeters are sterilized with gaseous Ethylene Oxide prior to shipping and will remain sterile until the sterile pouch is opened or damaged.**

If the sterile packaging is damaged before use, the telemeters can be cold-sterilized using **Ethylene Oxide**, or the chemical sterilants specified in the User Manual.

**CAUTION: DO NOT sterilize by autoclaving, radiation (gamma or e-beam), plasma, peroxide or formaldehyde vapour solutions.**