

## DISCLAIMER

Except as specified below, Kaha Sciences makes no warranties, express or implied, and specifically disclaims any warranty of the products fitness for a particular purpose.

The customer's right to recover damages by fault or negligence of Kaha are limited to the amount paid by the customer for the Kaha product. Any action against Kaha must be brought within one year after the cause of action occurs. Kaha will not be held liable for any loss of data, research funding or profits and neither will it be liable for incidental or consequential damages even if advised of the possibility thereof.

**Kaha expresses that its products are for research purposes only and that the telemetry products are designed for use by professionals with appropriate education and training in life science and medical research applications. They are not designed with components and testing intended for use in medical treatment or diagnosis of humans or animals and doing so may result in serious harm.**

## WARRANTY

### ***Rat Telemeter Warranty***

Kaha's comprehensive telemeter warranty guarantees that telemeters will function out-of-box for the first six months after factory shipment. Additionally, Kaha provides a sixty (60) day in-animal telemeter warranty within the six (6) month warranty period. Any telemeter not registered within six months after factory shipment will be out of warranty.

**Kaha requires all new rat telemeters to be registered upon the first implantation.** To register the telemeter's in-animal warranty, simply send an email to [support@kahasciences.com](mailto:support@kahasciences.com) and include the following:

- Telemeter Model and Serial Number
- Facility Name
- Primary Investigator / Laboratory Head name and phone/email
- Primary lab contact name and phone/email
- Implantation Date

Multiple telemeters can be activated with a single email. For complete telemeter handling and storage instructions, refer to the User manual or register to access our online knowledge center.

### ***Mouse Telemeter Warranty***

Kaha warrants that at the time of sale and shipment to the original Purchaser, Kaha mouse telemeters shall be free from defects in material and workmanship for 90 days from the date of shipment. If there is a defect in material or workmanship, Kaha will, at no charge, replace the equipment as appropriate.

### ***Telemetry Hardware Warranty***

Kaha 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. If there is a defect in material or workmanship, Kaha will, at no charge and at its option, either repair or replace the equipment as appropriate.

Should the hardware become damaged after expiration of the one-year warranty, Kaha will accept the product for evaluation with a signed RMA (return material authorization) and at a cost of USD100. If repairs are required, Kaha will provide a detailed quote and lead time with repair work not commencing until approval is received from the customer.

As part of Kaha's continued commitment to customer support, free online, phone and email support in the use of all telemetry equipment is available beyond all warranty periods.

The warranties above do not cover damage caused by failure to follow instructions for use, owner's abuse, misuse or negligence, user tampering or modifications, power failures or surges and events or accidents considered force majeure such as flooding, fire, etc. outside the reasonable control of Kaha. In no case shall liability exceed the purchase price of the original product.

Kaha provides free product evaluations during the warranty period and free return to customer shipment. All returned products should be packed safely, preferably in original packaging, and shipped to Kaha with a Kaha RMA number visible on the packaging and with all RMA documentation. In order to receive the highest level of support, the customer is responsible for notifying Kaha immediately of a problem within the warranty period. Following product evaluation, Kaha will replace or repair (excluding telemeters which are non-repairable) any product found to be defective and covered within the warranty period, while operated in accordance with instructions for use and specifications.

## CONTACT INFORMATION

Kaha is proud to offer unlimited technical support and advice to all its customers. Our team of engineers and physiologists are available to advise on specific applications and appropriate equipment configurations.

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# Mouse Telemeter Instructions for Use

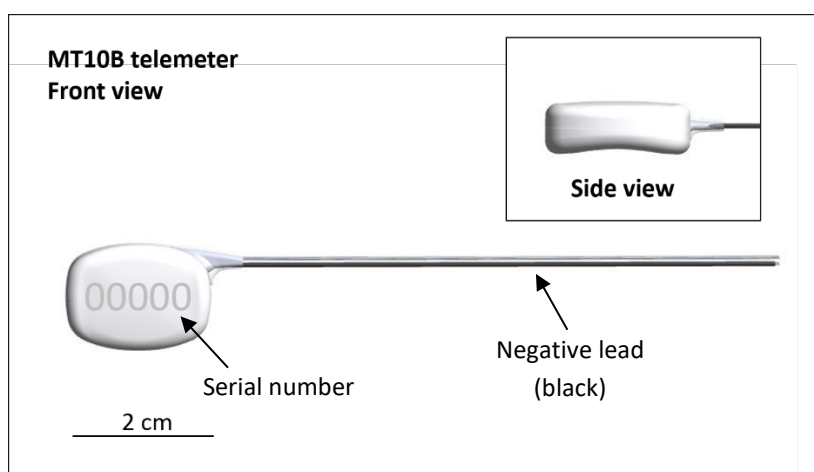
*Please read these instructions carefully before using your telemeter. We also strongly recommend reading the User Manual for Kaha Mouse Telemetry Systems and viewing our Online Resources which contain videos on surgical techniques. <http://kahasciences.com/knowledge-centre>*

## 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.**