QUICK START GUIDE - Mouse Telemetry Systems

1. **Install ConfigSoft prior to connecting the Configurator**
   - System requirements: Windows 7, 8 or 10 (USB 2.0 or 3.0).
   - Insert the USB drive and open the ConfigSoft folder. There are two separate installers 32 bit and 64 bit, please install the version compatible with your system.
   - Open the appropriate folder and run setup.exe.

2. **Configurator setup**
   - The Configurator enables users to set the transmission and receiving channels of telemeters and tBases through wireless communication.
   - 1. Attach aerial to rear of the Configurator.
   - 2. Connect Configurator to computer via USB cable.

3. **tBase Setup**
   - The tBase acts as a universal inductive powering platform and data receiving station for the mouse telemeter.
   - 1. Plug in power
   - 2. Light on front will turn on (initially solid orange)

4. **Prior to surgery, pair telemeter and tBase**
   - All telemeters and tBases are initially shipped on Channel “Setup” and must be configured one at a time.
   - For data collection, select and pair each telemeter and tBase to one of 40 Channels using the Configurator and ConfigSoft software.
   - DO NOT remove telemeter from sterile packaging.
   - 1. Place telemeter in the center of the tBase. tBase status light will turn green.
   - 2. Use ConfigSoft to change the Channel of the telemeter to a data collection Channel (Ch 1-40). The tBase light will turn orange.
   - 3. Use ConfigSoft to change the Channel of the tBase to match the Channel of the telemeter. The status light should now return to green.

5. **Implant telemeters**
   - Telemeters are shipped sterile and ready to implant. Surgical instructional videos, guides and techniques are available online at: http://kahasciences.com/knowledge-centre.

6. **Connect tBase to data acquisition system**
   - Connect each tBase to a data acquisition system using the BNC outputs. Each tBase has three analog outputs which are automatically set when the telemeter has been paired.
   - Output Signal Configuration:

<table>
<thead>
<tr>
<th>Model #</th>
<th>Output 1</th>
<th>Output 2</th>
<th>Output 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>MT10B</td>
<td>Activity</td>
<td>Biopotential</td>
<td>Data Received</td>
</tr>
</tbody>
</table>

7. **Acquire data**
   - The mouse telemeters do not contain a battery. When the animal is placed on the tBase, the telemeter will be automatically activated and data transmission will occur. The Configurator is not required for data acquisition.

8. **Questions/support?**
   - We are proud of our before and after sales support. Please contact us with any questions about our telemetry systems. support@kahasciences.com