

BEAM SENSORS - ACOUSTIC (SOUND) SENSORS

BEAMbots often have sensors to allow them to interact more fully with their environments. Sensors used in BEAMbots to date fall into one of five categories (these categories are detailed in subsequent pages):

1. **Contact sensors** -- require a "touch" to trigger
2. **Proximity sensors** -- so your 'bot can detect objects at some distance
3. **Sound sensors** -- allow your 'bot to "hear"
4. **Field sensors** -- designed to be sensitive to various (E, RF) fields around a 'bot
5. **State sensors** -- give you information on various states of your 'bot -- position, tilt angle, temperature, and the like

Acoustic (sound) sensors



U N D E R C O N S T R U C T I O N

Sound sensors are just now getting use in BEAMbots -- principally to allow a 'bot to interact more-fully with its environment (make a noise, watch the 'bot jump...).

Source: <http://www.solarbotics.net/library/circuits/sensors.html>