

TRANSCRIPT: Soundbeam

Tim Kehoe

Soundbeam is a musical instrument that's used with children with physical and learning disabilities. The equipment will produce an ultrasound beam that a child will disrupt and that is echoed back to the equipment and the equipment then knows to make a sound. The sound is produced by a synthesiser and there's a vast range of different musical sounds that the equipment can produce.

There is the ability to put in switches so it can produce sound as well but the main means of accessing is to use the *Soundbeam* itself.

For those children who have minimal movement, the *Soundbeam* can be a great benefit and it enables them to join in with their peers to produce music. The *Soundbeam* itself can be pinpointed on the minimum movement of a child. If they can just flicker an eyelid, the equipment itself can then be pinpointed on that so they can join in, they can experience making music and have a great time doing it.

© Crown Copyright, 2012