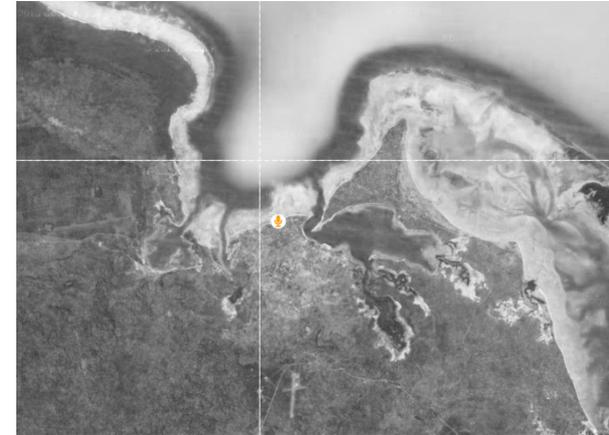


Soundcamp are a non profit art science group based in London, UK. We develop and set up live streaming devices aiming to reflect the diversity of planetary soundscapes.

All our designs are open source. We also supply kits and fully assembled equipment. We work closely with streamers in locations around the world to relay local soundscapes, which are brought together each year on International Dawn Chorus Day in a live 24 hour broadcast of the sounds of daybreak circling the globe.

Partners include: Locus Sonus (AMU, Aix-Marseille, FR), Biosphere Soundscapes (Brisbane, AUS), Sound and Environment (Hull, UK), Sussex Humanities Lab (UK), Full of Noises and Cumbria Wildlife Trust (Barrow-in-Furness, UK), Universidad Nacional Autónoma de México (UNAM, Morelia, MEX), Cyberforest (University of Tokyo, JP).

The emerging network of live environmental sounds is linked to Biosphere Open Microphones (BIOM), a UNESCO supported partnership with Biosphere Soundscapes.



S T R E A M B O X

soundtent.org
locusonus.org/soundmap



Cover shows live stream from Mtwara, Tanzania, 19/11/2014 by Grant Smith. Icon on the Locustream Soundmap (2006-2019) by Locus Sonus at locusonus.org/soundmap/

Streambox models and images by Max Baraitser Smith.

The streambox from Soundcamp (London, UK) transmits live, broadcast quality sounds from anywhere with an internet connection to a public soundmap at Locus Sonus.

It is based around the Focusrite Scarlett 2i2 2nd Generation audio interface and a Raspberry Pi 3, with four Primo electret condenser capsules to capture detailed stereo sound.

The robust, weatherproof enclosure is suitable for installation near the ground, in a tree, or pretty much any location. It is compact (40 x 24 x 12.5cm) and unobtrusive, using a locally sourced slate or board on top to protect the microphones.

The default configuration runs via Power over Ethernet, with a lightweight Cat6 cable supplying power and data up to 100 metres from the internet connection point (typically a router). The device can also run on mains or solar power and over WiFi.

The streambox is available as a recipe, kit or fully assembled, with express worldwide shipping. Prices from €100, to €1000 for a fully featured off-grid installation, include full support for setup and throughout the life of the streambox. If something doesn't work as expected, Soundcamp will fix or replace it.

We can supply custom designs for specific projects, including with hydrophones.

For details, please contact Grant Smith: grant@soundtent.org.

