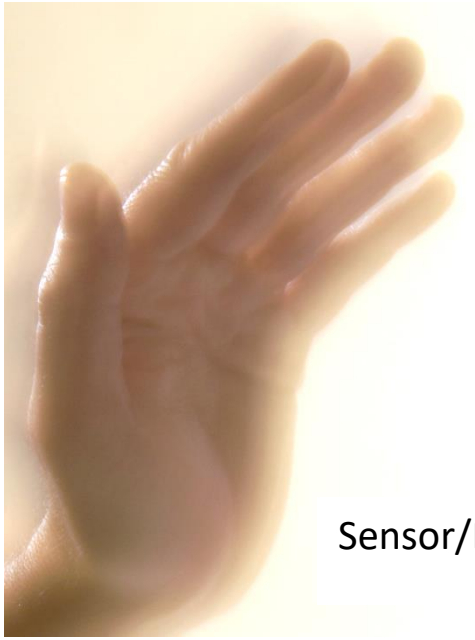
Soundbeam 6 overview.

We continue to use our ever reliable and accurate sensors and wireless switches.

Interface / Connections

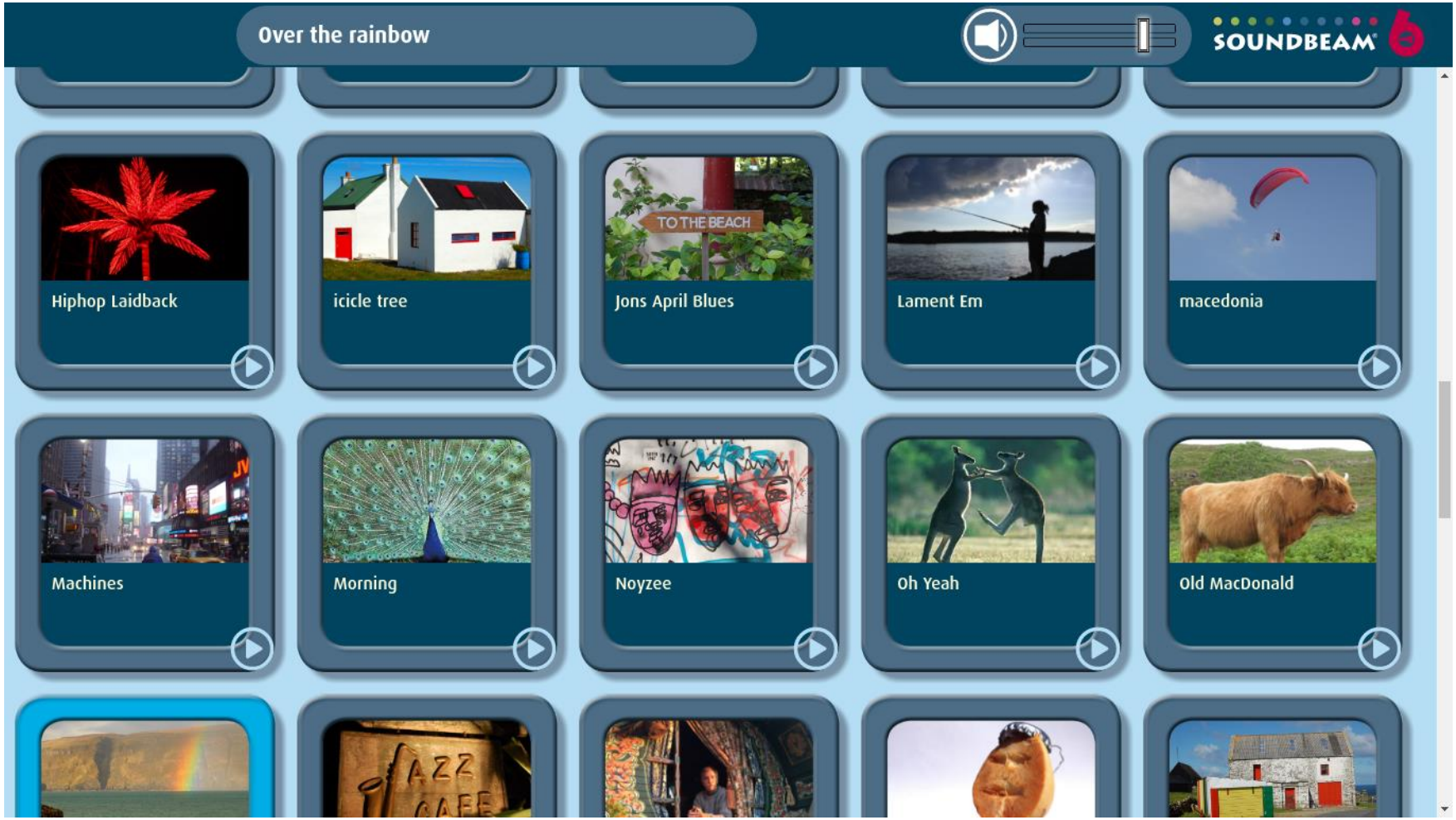
- Touch-screen (11.5Inch).
- 4x Sensor input,
- 8 (wireless) switch connectivity
- 2x Audio in (line and Mic)
- Audio (line) out x2
- HDMI for Film Projection
- USB for file transfer and more.
- WiFi connection to network
- Power supply connector.



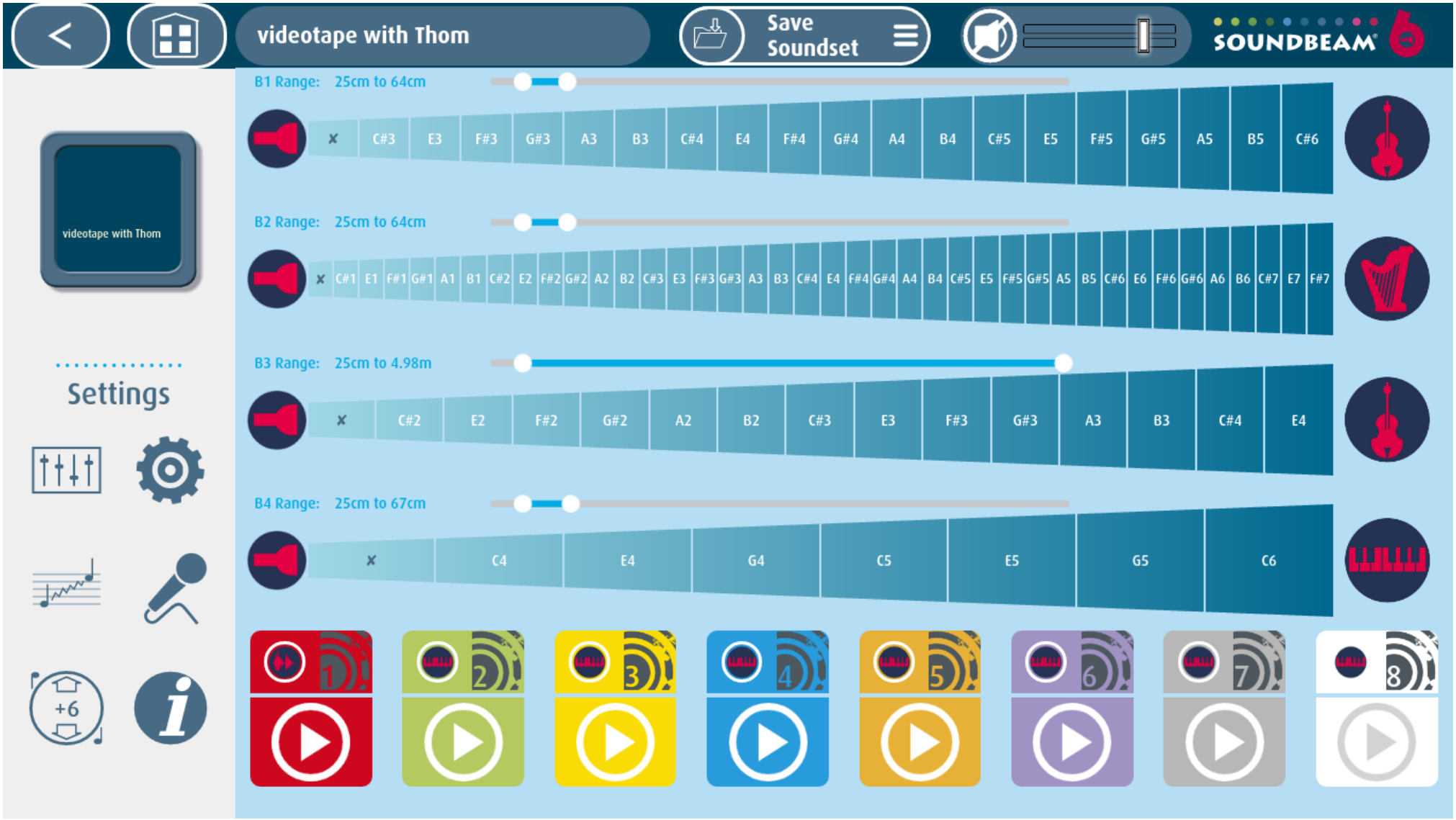
Sensor/Beam

Wireless Switches

Soundbeam 6 has many pre-programmed Soundsets (Preconfigured Film, musical elements, instruments, scales, audio recordings etc - assigned to each beam and switch) these will be available to load via the **Soundset tile page** as pictured here below, each will have an image to identify it, and will also have a playable audio preview of how the Soundset sounds,



Once a soundset is selected / loaded the switches and beams can be auditioned (by moving your finger along the beam ‘illustration’ or pressing the switches ‘play button’)- and easily modified (editable options open when Beam icon or upper part of switch is pressed)..



Sounds,

A large library of high quality instrument recordings (Soundfonts) is available along with a wide variety of wav and mp3 files, the sound quality is excellent. The process of assigning a sound to a beam or switch is depicted below where selecting the specific beam / switch opens a series of drop down menus.

The pop up window (and scrollable options) is the method we are using for all the usual Soundbeam settings (triggers, divisions, scales etc…)

Video

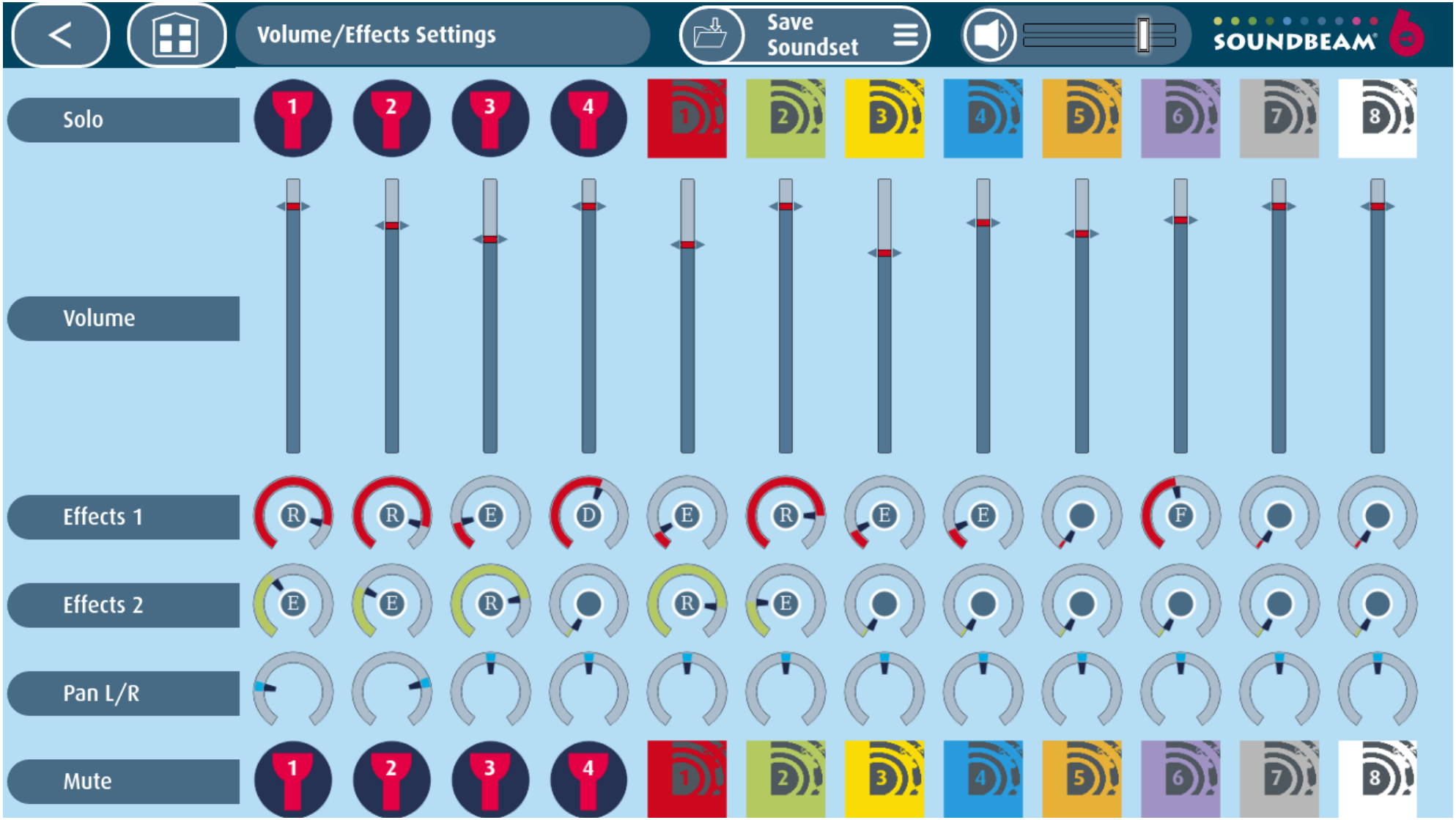
A large library of high quality film is available , The process of assigning a film to a switch is depicted below where selecting the specific beam / switch opens a series of drop down menus.

Recording.

It is very easy to create audio recordings (using a microphone) and session recordings (using the beams and switches) – as pictured below.

Adjusting audio levels and applying effects…

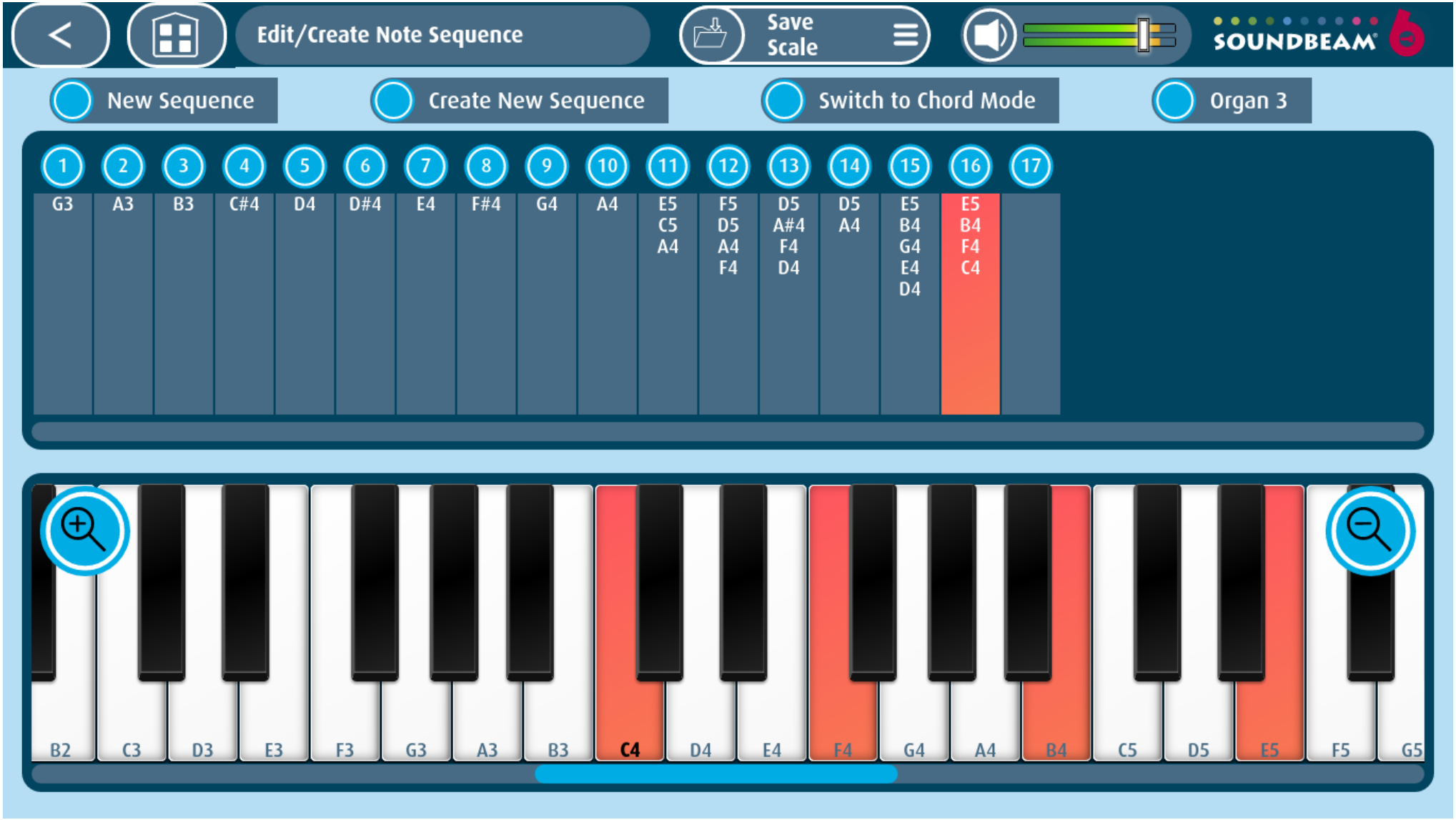
The **mixer page** will enable easy adjustments to the individual beams and switch audio



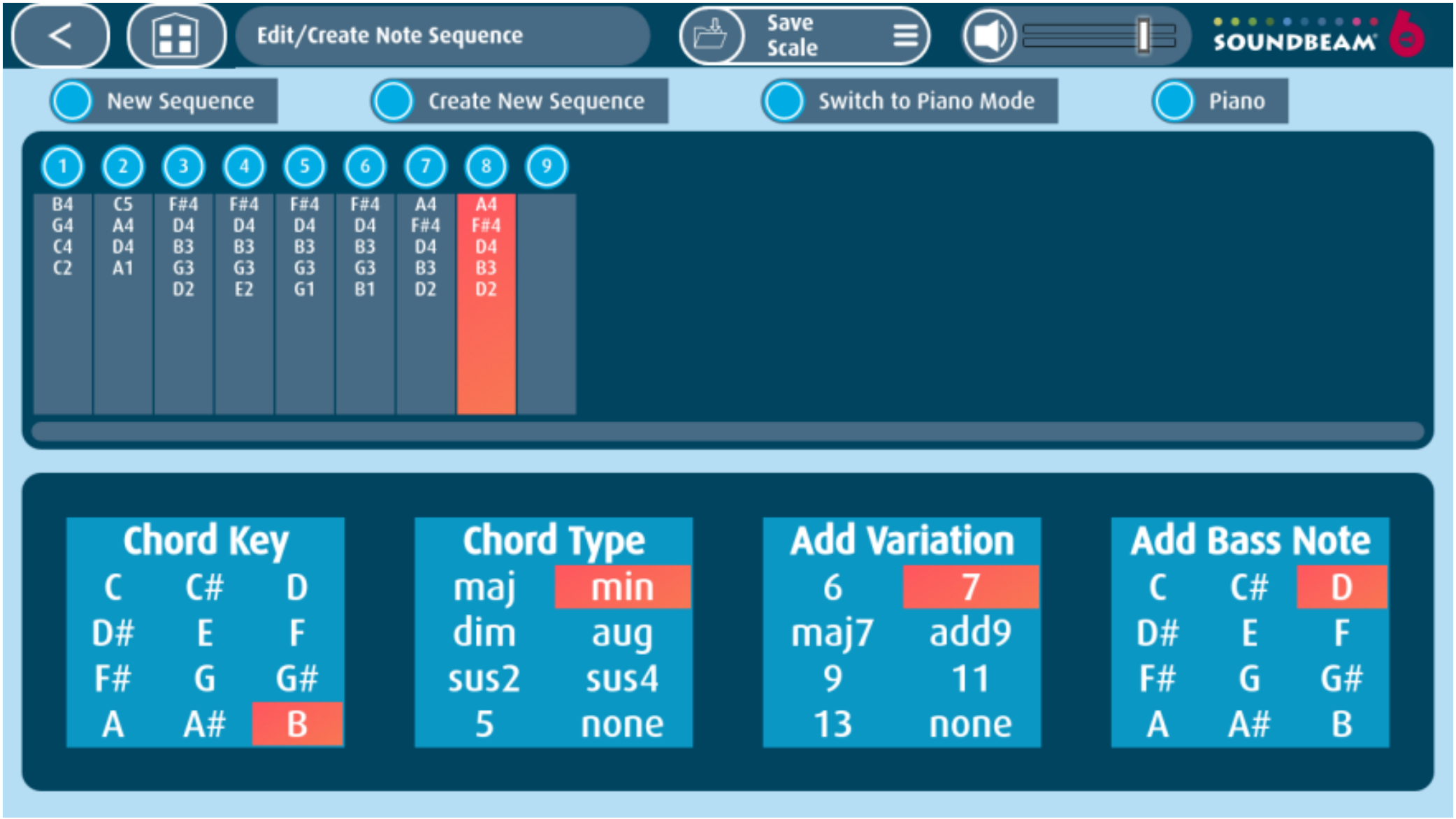
Note Sequence builder

There are many ready to use note sequences in the library and also (as usual) the facility to create your own using the Edit/Create Note sequence pages as pictured here

Piano (Keyboard) Mode, easily create melodies to assign to beams or switches.



Chord Mode, easily create chord sequences to assign to beams or switches.



There are many old and new features which have already been implemented – some yet to be finalised, we have developed (and will continue to develop) SB6 to be as user friendly as possible, with a focus on Sound quality, operational simplicity and providing rich and varied musical/sonic experiences.

Soundbeam 6 connect s easily to existing WiFi networks for software updates, file transfer, back ups etc.

HDMI….

- Display of operating system on large screens for classroom/group discussion and development .
- The playing of films to which a score can be performed using the beams and switches.
- Individual films to be assigned to individual switches.

As ever we welcome all feedback from members of the Soundbeam community new and old - so please let us know your thoughts as Soundbeam 6 evolves.

Please send questions, suggestions and comments to adrian@soundbeam.co.uk