Please do not take apart the board or larger configuration.
Please replace anything that was disrupted and ensure all components are powered off.
Questions: Mat 240 595 9421 (SMS)

COMPONENTS
- **SAMSON TM500** Powered Mixer
- **ALESIS MultiMix 4 USB FX** Audio Interface
- **SEINHAUSER Pro E-945** mic (x2)
- **PRORECK MX44** 4-Channel UHF Wireless Mics (4)
- **YAMAHA DBR12** Speakers (x2)
- Passive Speakers (x2)
- Subwoofer
- Sound Panels
- iMac recording of the ALESIS output in **Audition** and/or **Audacity**

Board
The primary board is a 12-track analogue mixer. There is a printed manual for the **TM500** hanging above it, along with extra fuses. We use the USB interface as a neutral interface between the mixer and the speakers. It is fed by two XLRs in channels 1 and 2 that run from the Rec Out on our mixer. The Samson cannot directly output to our speakers at risk of blowing them.

Subwoofer
The subwoofer is fed by the headphone jack on the USB interface. To set up the subwoofer speaker, attach the stereo cables to the speaker. The subwoofer is an amplifier set to boost lows nicely. Please don't adjust the gain unless you really need to.

Recording
Any output from the USB interface can be recorded on our desktop machine. Ask us — in advance please - for info on how, ideally in advance.

Sound Panels
Two sound panels sit in the front corners of our gallery and should be positioned kitty-corner. They are slightly fragile and take a lot of abuse — please be careful with the eyebolt and carabiner where they are attached to the ceiling. The carpet in the reading room can also be moved out if desired.

Other
Passive speakers can be used as vocal monitors if desired. They run directly from the back of the analogue mixer. To use the wireless mics, the antenna must be installed in the gallery on the cleat bracket.

BASICS
1. Power on speakers and USB interface **before** PA
2. Turn on PA with all levels all the way down — this includes all channels but also **REC OUT**.
3. Do not turn on **Phantom Power** ever — not on PA or on the USB interface.
4. Do not ever run speaker cables directly from PA to powered speakers.
5. Please consult the manual for the mixer whenever in doubt, and please do not do any effects processing experiments with the board unless you are very familiar with it.
6. EQ individual channels and take note that the speaker level EQ will have no effect since the signal is being sent via **REC OUT** to the USB interface.
7. When shutting down, reverse the order and turn off speakers and USB interface **first**.
8. To listen to music over the PA, cast from *Itunes* to the old-time Airport named **PA AIRPORT** which is plugged into the board already. Turn up the two channels it is plugged into, or unplug (but later please replace) the Airport cable and use one of the **iPhone** or **Android adaptors** on the shelf next to the wireless mics.
9. Power EVERYTHING off: mixer, USB interface, subwoofer, powered speakers, wireless mic receiver, individual wireless mics, etc.