TASKS ON A REHEARSAL

Before they arrive

You should be there ~20mins before them, to be able to set up everything professionally and to avoid hurry-induced errors, fix random issues, etc.

- Follow the "[Turning on the audio system](#)" guide posted on the mixer door.

At the main console

Load the main scene

Load the "CCP Service MAIN" scene.

- Press VIEW at the "Scenes" section
- With the "Load" knob, scroll to the "CCP Service MAIN"
- Press the knob to load it
- Press confirm

Load vocal and instrument presets

Consult with the worship leader on: * Who will be at which mic on the stage * Who will use which instrument

Load Vocalists

- Select the **VOCALS** layer
- Load the appropriate preset for the channels, see: Loading a preset

Load Instruments

- Select the **Instruments** layer
- Load the appropriate preset for the channels, see: Loading a preset

Loading a preset

- **Mute** and pull down all channels that will not be used.
  - Only do this on Mic 1-6, and Instruments 1-5
  - Don't change/mute the piano, DrumTB and other stuff.
- **Select** a channel
- Press **VIEW** on the EQUALIZER section.
- Press the **UTILITY** button next to the screen.
- With the (first) "scope" knob, select the **RECALL SCOPE**.
- Press the knob to select **all scopes**.
- Select the appropriate preset, e.g.: "VOC …" or "GTR …".

- Press second knob to load it.
- Press **confirm**

After the initial setup, you might want to save the preset, see "[Save the preset](#)" at the end of this document on how.

Set up the sound pressure level meter

- Turn it on following the numbers on the buttons.
  - The two 1s need to be pressed together, until the "n" shows up.
  - Then wait until it initializes.
  - Then press 2 and 3.
- Put it to the counter and watch it always.

Other things

- Mute the preaching mics, to avoid feedbacking.

At the stage

- Reset the stage (see: [resetting](#))
- Set up stage to be usable by the musicians
  - Set up correct mic hights
  - Move away obstacles
  - Fold back unused microphones
  - Check stands
  - Check monitor alignments

After they arrive

- Be nice, connect with them personally.
- Help them with what ever they ask.
- **Align the microphones**
  - Very important!
  - Align height and direction, so that the microphone is in line with the mouth, and points towards them. Ideally it points bottom up.
  - Meanwhile, keep it in a way so that the sound from the monitor would hit the microphone from the back as much as possible.
- **Set instrument controls to neutral**
  - Some instruments have equalizers on them, ask the owner to turn it off, or set it to "flat".
  - Some instruments have volume controls on them, ask the owner to set it to neutral, or middle.
  - And ask the owners of the instruments, not to change any of those during performing.

Gain staging

- Set the Main fader to 0.
- Go through all channels (vocal/instruments), and set a proper gain.
  - Ask them one-by-one to play from lowest to highest volume.

- You only care about their highest, but asking from lowest to highest usually helps them in producing more precise levels.
  - When they are at the highest, they should hit **-18db**
  - **Gain should generally be left alone after this point.**

During worship

- Constantly monitor that everything sounds right.
  - **PUT YOUR HEAD OUT** of the cave for that!
- Check if the vocalists have the microphone aligned well.
- Set up a mix that sounds well while keeping eye on the SPL meter, the limits are written on it.
- Check if they need any help, e.g.:
  - Stuck cables
  - Microphone alignment
  - Volume issues
- Verify that the stage isn't too loud
  - Sometimes mute the MAIN channel, to see if the stage is too loud or if one source is overpowering the others on the stage.
  - If an instrument or vocalist fills the room just from the monitors, ask them or help them adjust it.
- PUT YOUR HEAD OUT of the cave! :)

If a vocalist sounds off-key or unexpected

Our singers are quite good and checked, so if they sound bad, that is most likely due to them not hearing themselves correctly.

To solve this: go up on the stage and check the monitor levels. The target is for them to be a bit more loud. * Either increase the overall monitor level * Or increase their level in the monitor * Or lower something that is too loud

An alternative reason can be: * An overworking compressor on the channel * A too high (or low) lowcut * An unfortunate equalizer setting

After the rehearsal

Save the preset

- We have one preset that we never overwrite, that is the **CCP Service MAIN**.
- We load it, but we save it over on the **CCP Service**.
- Never overwrite the MAIN one please.

On the console: * Press **VIEW** at the "Scenes" section. * With the "Save" knob, scroll to the "**CCP Service**" (without the "MAIN"). * Press the knob to save it. * Press the "backspace" knob to delete "MAIN" from the name, if needed. * Press the "save" knob. * Press confirm.

Turn off the system

- Follow the "Turning off the audio system" guide posted on the mixer door.