

TASKS ON A REHEARSAL

Reference on stage channel numbers



The logic is, that:

- Close to **Mic1** is the **Inst1** and **Inst2** cables.
- Close to **Mic3** is the **Inst3** cable.
- And the stage corner has **Inst4** and **Inst5** cables.

Before the band arrives

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

- Follow the “[Setting up the system](#)” guide.

At the main console

Load the main scene

Load the “CCP Service MAIN” scene.

This contains our default settings, please never overwrite it.

- Press **VIEW** at the “Scenes” section of the mixer.
- By **turning the “GO” knob**, scroll to the “CCP Service MAIN”.
- **Press** the “GO” knob to load it.
- **Press** the “Confirm” knob.

Other things

- Turn on the stage.
- Check if the pulpit/headset is muted, and mute if needed.
- Set the Main fader to 0.

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.

Based on this information load vocalist presets, and load instrument presets.

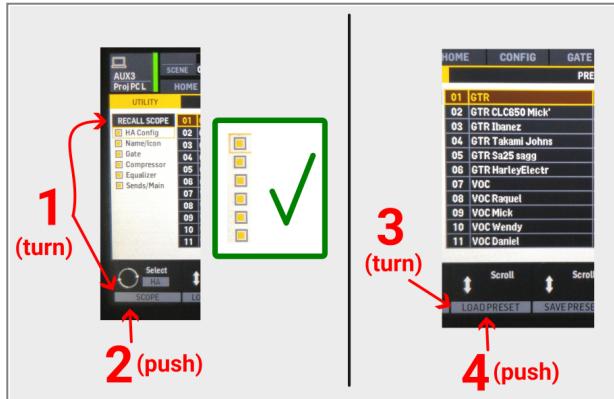
Mute unused channels

- Select the **VOCALS** layer.
- Between Vocal channel 1-6: **mute** and **pull down** unused channels.
 - Do not change channel 7 and 8.
- Select the **INSTRUMENTS** layer.
- Between Instrument channels 1-5: **mute** and **pull down** unused channels.
 - Don't change/mute channels 6, 7, 8.

Loading a preset

Go through the **VOCAL** and then the **INSTRUMENT** layer, and for each used channel, load the appropriate preset, repeating the following steps:

1. Select the right **LAYER** (E.g. vocals or instruments).
2. Press the **SELECT** button on the channel you want to load.
3. Press the **VIEW** button on the EQUALIZER section on the mixer.
 - It might not be needed if it is red already: if you pressed it already earlier.
4. Press the **UTILITY** button next to the screen.



5. By turning the (first) “SCOPE” knob, select the **RECALL SCOPE**.
 - See image, point #1.
6. Press the knob to select **all scopes**.
 - See image, point #2.
 - Should look like the green area.
7. Select the appropriate preset by **turning** the “LOAD PRESET” knob
 - See image, point #3.
 - “GTR ...” for guitars
 - “VOC ...” for vocalist (you need to scroll down to find those beneath the GTR-s)
8. Press second knob to load it.
 - See image, point #4.
9. Press **confirm**
10. Repeat this section for the next vocal or instrument channel that is in use.

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

After the band arrives

- Be nice, connect with them personally.
- Help them with what ever they ask.
- Fold back unused microphones.
- Turn down (turn level knob to zero) on monitors that will not be used.
- **Ask them to 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.
- **Check vocalist-microphone alignments**
 - 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.

Gain staging

Go through **Vocal mics 1-6** and **Instruments 1-5** and set a proper gain on the used channels (no need to gain-stage the drums and the keyboard), by repeating the following steps on each used channel:

1. In order to set the gain level, we must have input.
 - Ask them one-by-one to play or sing from lowest to highest volume.
 - You only really care about their highest volume levels, but asking from lowest to highest usually helps them in producing more precise levels.
 - Alternatively you can do this while they play.
 - But make sure to set the gain when a normal, regular input is coming through.



2. Press the **SELECT** button on the channel you are setting the gain on.
 - See image, point #1.
3. Watch the channel strip's meter
 - See image, point #2.
4. When the input is around its highest level, it should be around the **-18db** mark.
5. If it needs adjustment, then turn the “GAIN” knob at the console’s top left corner.
 - Do it until the signal jumps around -18 db.
 - See image, point #2.
6. Repeat this section for the next vocal or instrument channel that is in use.

Usually, channel gain should not be changed after this point.

During worship

- Constantly monitor that everything sounds right.
 - **PUT YOUR HEAD OUT** of the cave for that!
- Constantly check the SPL meter to keep everything in the correct volume range.
- 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.
 - The lead singer should be a bit louder than the other vocalists.
- 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 you have capacity, go up to the stage while they sing, and check if:
 - Everything is balanced, everyone hears everyone.
 - Nothing is too loud.
- Did you ask the instrument players to reset their eq/volume levels?
- Do you hear all instruments?
- Do you hear all vocalists?
- Do you hear the drum?
- Is the stage too loud?

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 volume levels.

Your goal is so that they would be a bit more present in the stage-monitor mix: * 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) low-cut.
- An unfortunate equalizer setting.

After the rehearsal

Save the scene

- 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**. (That's the "weekly working preset")
- 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 the "confirm" knob.

Closing up

After the event is finished, please follow the [closing up procedure](#).