

How to set up audio links between different LSP 500 PRO devices

This application note describes how to set up audio links (wired and wireless) between two or more LSP 500 PROs for different applications including the levelling of ew G3 devices.

"Master" LSP 500 PRO

The "Master" LSP 500 PRO acts as the main system input and provides wireless audio for an undefined number of other LSP 500 PROs.

1. Set up a Master LSP 500 PRO installing a wireless transmitter (SR 300 G3) in Slot 1.
2. Connect the left input of the SR 300 G3 with the Slot Link Out.
3. Check the SR 300 G3 input sensitivity: -18 dB
4. Check the SR 300 G3 transmitter mode: mono
5. Set your working channel/frequency for your wireless link
6. Set the LINK Mode of the LSP 500 PRO to MASTER

ew G3 receivers

The ew G3 receivers used for wireless microphones with the Master LSP 500 PRO have to be set to AF Out +18 dB in order to get an accurate microphone level.

"Slave" LSP 500 PRO

The "Slave" LSP 500 PRO acts as an additional loudspeaker. You can define more than one LSP 500 PRO as a "Slave" device depending on how many additional loudspeakers you need.

1. Set up a Slave LSP 500 PRO installing a wireless receiver (EM 300 G3) in one of the Slots.
2. Check the EM 300 G3 AF Out sensitivity: +18 dB
3. Set the Slot input to 0 dB and the input EQ to FLAT
4. Set your working channel/frequency for your wireless link
5. The LINK Mode of the LSP 500 PRO is not relevant and can be adjusted to any setting.

Use the LSP 500 PRO Remote Control App on your iPad to set the appropriate master volumes in parallel. If you are not using an iPad, the levels have to be adjusted on each LSP 500 PRO manually.

Stereo system

If you want to set up a stereo system (both wired and wireless) with two LSP 500 PROs, select RIGHT-L as the LINK Mode on both LSP 500 PROs. The Master LSP 500 PRO will be the left stereo channel and the other LSP 500 PRO will be the right stereo channel. This setup is only useful when you are using two LSP 500 PROs as there is no possibility of chaining up the left stereo channel.

Additional information

- The Virtual Bass settings should be the same on all devices.
- In order to have full control of the complete system on your iPad, a proper device detection should be performed for every LSP 500 PRO.
- If you want to chain up more the one LSP 500 PRO as a wired application by wiring LINK OUT to LINK IN, the LINK Mode on the Slave device(s) has to be set to SLAVE.
- The master volume needs to be adjusted on each LSP 500 PRO. There is no "slave-follows-master" feature. This can only be performed in the LSP 500 PRO Remote Control App.