

New software features

EQUI Firmware Release ver. 5.2

Note: Firmware Release 5.2 also includes all the software features for version 4.2, described on page 2.

Firmware version 5.2 improves the stability of the wireless connection between the DALI SOUND HUBs and the EQUI speakers, which will help prevent drop-outs in noisy RF/Wi-Fi environments.

Default 48kHz sample rate for better stability

By changing the default system sample rate to 48 kHz, the EQUI system with software version 5.2 offers greatly improved stability and will have a much better chance of working without audio drop-outs in very noisy RF environments.

If the RF environment permits it, it is of course still possible to manually choose 96kHz sample rate for the ultimate high resolution audio quality.

Ver. 5.2 supported products:

- SOUND HUB COMPACT
- SOUND HUB
- OBERON C
- CALLISTO C
- RUBICON C
- WSR – Wireless Subwoofer Receiver

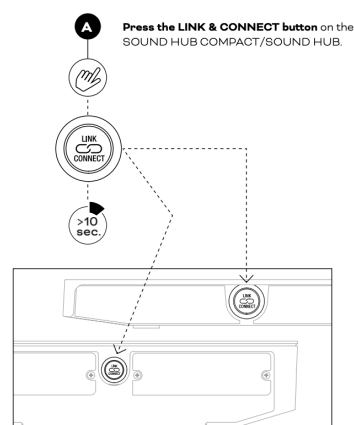
Note: The EQUI system can easily be switched back to 96kHz sample rate manually via the Diagnostics Mode.

Official Release Notes – Firmware version 5.2

- Support for 48 kHz stereo mode, which adds better wireless stability in noisy RF environments.
- Support for switching between 96 kHz and 48 kHz stereo mode by pressing mute on remote whilst in diagnostics mode. *Enable diagnostics mode by pressing the Link & Connect button for 10 seconds on the SOUND HUB / SOUND HUB COMPACT.*
- **Extended wireless speaker protocol. Not backwards compatible – all linked products must be updated!**

How to toggle between 96 kHz and 48 kHz.

- Switch on the SOUND HUB.
- Press and hold the rear panel LINK & CONNECT button for 10 seconds to enable Diagnostics Mode, then release the LINK & CONNECT button.
- Press the mute button on the remote to switch between 96 kHz and 48 kHz.
 - On the SOUND HUB, the chosen sample rate will be shown in the front display.
 - On the SOUND HUB COMPACT, LED 1 to 10 will light up for 96 kHz mode and LED 1 to 5 for 48 kHz.
- Exit Diagnostics Mode by pressing the LINK & CONNECT button, which will engage the sample rate change.



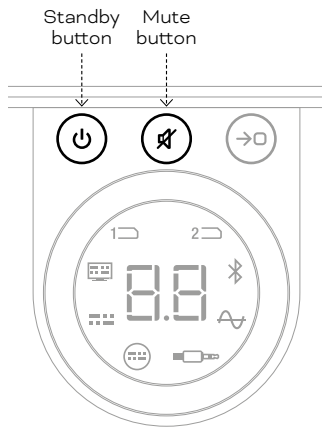
New software features

DALI

DALI SOUND HUB

DALI EQUI FIRMWARE UPDATE V4.2

Firmware Version 4.2 contains an extensive upgrade package with cool new features for the DALI SOUND HUB. All the new features were requested from our customers and dealers and will significantly improve the user experience of the DALI SOUND HUB.



Extended Stereo Mode: Listen to stereo from all connected speakers

If you have a surround sound system with EQUI speakers, the SOUND HUB (+ HDMI-Audio module) can now be configured for **Extended Stereo Mode** in which any stereo source can be converted to multichannel stereo. All speakers will play the front channel audio – front and rear speakers will play stereo and the centre channel will play a summed stereo signal.

Extended Stereo Mode can be switched on and off by pressing and holding the SOUND HUB front panel or remote control Standby and Mute buttons simultaneously.

Two options are then available for selection:

ST: Conventional Stereo

ES: Extended Stereo.

Note: If "UPMIX HDMI TO ALL SPEAKERS" is set to "YES" on the HDMI-Audio Module, this will override the Extended Stereo Mode on the HDMI source.

Remote Control Speaker Adjustment

With DALI SOUND HUB firmware version 4.2, the **Speaker Balance Adjustment** and **Speaker Distance Adjustment**, parameters can now be set from the **Remote Control** using the same buttons as used for these adjustments on the SOUND HUB front panel. This makes adjustment of an EQUI speaker system faster and much more convenient. See the SOUND HUB MANUAL; Page 27-31 for further instructions.

Link: <https://media-dali.azureedge.net/7469/dali-sound-hub-manual-english.pdf>

Automatic Down-mixing

If one or more linked speakers is switched off or removed, resulting in a link loss, an EQUI system will now automatically down-mix audio signals to fit the remaining linked speakers. This is a handy feature that is particularly useful for demonstrating the benefits of centre, sub or rear speakers without having to reconfigure a system during playback.

Example 1: If a subwoofer cable (or the WSR - Wireless Subwoofer Receiver) is disconnected, the system will automatically reconfigure the front channel speakers to full range.

If the subwoofer is reconnected, the system will automatically reset the crossover frequency for the connected speakers. *(The above applies to small speakers only – Floor standing models will remain full range, regardless if a subwoofer is connected or not)*

Example 2: If the centre channel speaker is disconnected, the centre channel will automatically be down-mixed to the front (L&R) channels. Reconnection of the centre channel speaker will result in automatic restoration of the discrete centre channel.

Example 3: If the surround channel speakers are disconnected, the surround channels will automatically be down-mixed to the front (L&R) channels. Reconnection of the surround channel speakers will result in automatic restoration of the surround channels.

Improved Remote Link

Better management of link-loss and reconnection of the Bluetooth SOUND HUB remote.

Manual readout of HDMI format

When the HDMI input is in use, pressing the Mute button twice to mute and un-mute the audio will show the current audio format in the SOUND HUB display.

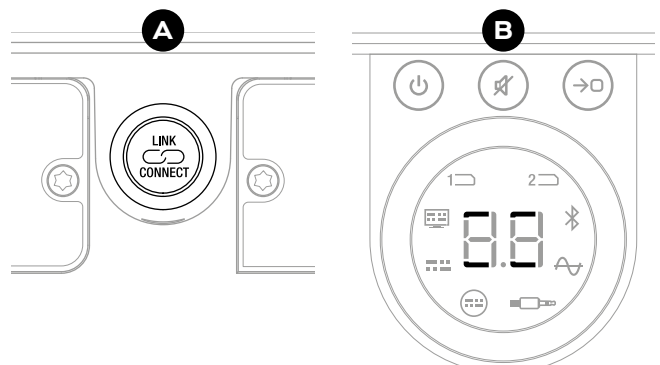
Manual readout of Firmware Version

When in Standby mode, the SOUND HUB firmware version installed can be displayed by pressing and holding in the Link & Connect button on the back of the SOUND HUB. The front display will show the firmware version.

New Factory Reset Procedure: Same as on any EQUI speaker

Factory resetting the SOUND HUB is now done in the same easy way as on any EQUI speaker.

- Unplug the SOUND HUB from power
- Hold in the Link & Connect button while reconnecting the power
- The SOUND HUB will now show two bars on the front display, indicating a factory reset.



How to upgrade?

Instructions on how to upgrade your SOUND HUB or any EQUI speaker, can be found both in the Readme file of the software download as well as on YouTube; search for "DALI EQUI Set-up guide".