Technical Service Bulletin 01/05B

Updating Firmware Director Amplified Loudspeaker Controller

This update note applies to upgrading a Director amplified loudspeaker controller.



ALC Director

Update Pack content

Director6:

- DSP firmware v1.0 *> existing version (September 2024)*
- Front firmware v1.02 *> existing version (April 2025)*
- Presets firmware v2.13 *> new version (October 2026)*

Updating can be done directly through the front USB connector or over network through ALControl remote control program (from v1.73).

>> Please read the notes below before updating !!

Some general “do’s and don’t’s”:

- Never perform a “quick update” right before a show: incorrect uploading could cause malfunctioning!
- Always run the complete supplied update pack, not just DSP or front firmware.
- The zipped folder should be unzipped; The separate files (“presets” should remain a folder!) should be saved on the root of the USB stick. No further file handling necessary.
- The USB stick needs time to be recognized by the controller, take time and wait for USB stick LED to stop flashing, if so equipped.
- First the Front update needs to be performed, before updating the DSP firmware. As last, presets should be updated. The Front update is essential for further DSP updating!
- All updates can be performed without restarting the unit, or taking out the USB stick; Any internal sequences are performed automatically and are mentioned on the screen.

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Procedure through USB stick:

1) Unpack this "flash_front_update_complete.zip" archive to the root of the USB stick.

2) ⚠ Wait until the Director has booted, before connecting the USB stick!
(otherwise, it will boot from the USB stick)

3) Go to the Setup page on the Director screen: Setup -> firmware -> front update.

4) ⚠ Wait until unit is fully booted, before removing the USB stick!
(otherwise, the update will be interrupted)

5) Continue with the DSP update: Setup -> firmware -> dsp update

6) Preset update; Make sure the individual presets are in one unzipped folder “presets”. If notification appears “preset file not found”, make sure the folder is unzipped and placed in the root of the USB stick. Setup -> firmware -> presets update

7) The Director is ready for operation.

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Procedure through ALControl™ remote control:

ALControl™ automatically downloads the latest available firmware, when it is connected to the Internet.

1) Connect all Directors to ALControl™, so they are in the network.

2) Go to the Service tab, where the firmware status of all Directors is visible;
Green means “firmware = up-to-date”, orange means “firmware to-be-updated”.

3) On the right hand side, the available firmwares are visible.

⚠ : the main controller firmware version is visible, but this firmware cannot be updated through ALControl™!

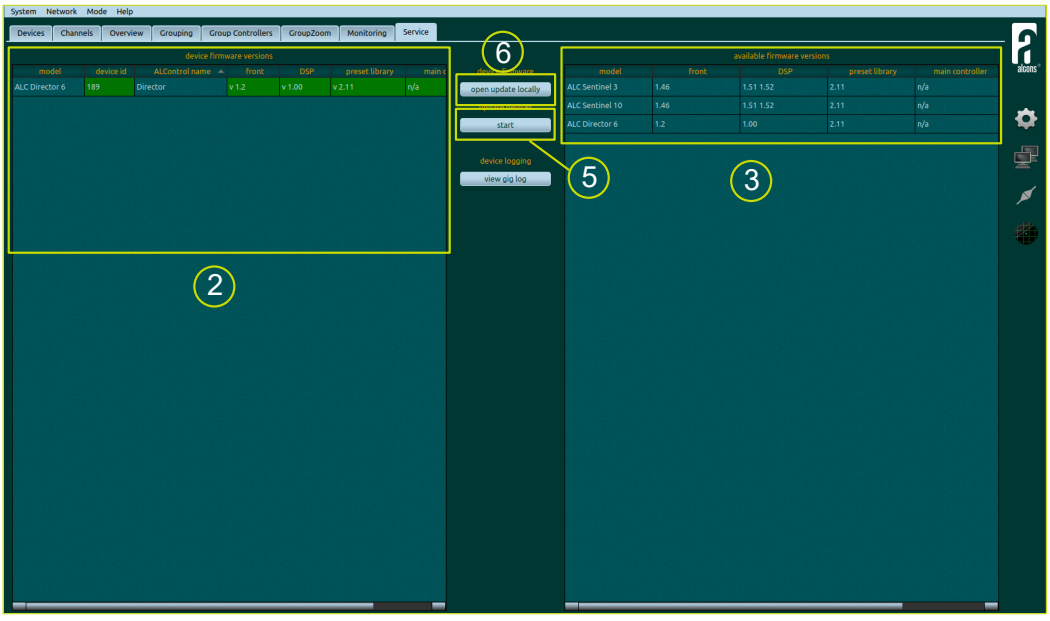
4) Select which Director devices need to be updated (from list on left hand side).

5) Press "update devices / start"; Now the update procedure will begin.

⚠ : the updating function does not work with ALControl™ in “Show” mode!

6) Through the “open update locally” button, the firmware file can also be loaded from a locally stored file (typically in offline situations).

⚠ : the update file for ALControl™ are not the same files as in the Update Pack that is downloadable from the website!



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Main firmware updates/changes:

DSP firmware v1.0 *> existing version (September 2024)*

Front firmware v1.02 *> existing version (April 2025)*
add ch. led indication in fallback menu
add extended fault error fields for amp modules (supported in ALControl as of 1.74)
add gpio support

fix bridge mode
fix dsp fw version not always visible in ALControl

Presets firmware v2.13 *> new version (October 2026)**
add preset CRMSQB

** please make sure all preset libraries and projects (incl. ALControl) are updated as well !*

Alcons Audio
De Corantijn 10
1689 AP ZWAAG
The Netherlands
E: info@alconsaudio.com
W: www.alconsaudio.com
T: +31 (0)229 28 30 90

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