

Lab.gruppen AB

CAFÉ 1.2.0 (9473)

Release notes

Important information about features, compatibility and known issues

CAFÉ Release notes

Thank you for choosing a Lab.gruppen product for your sound reinforcement and processing needs. Please read these notes to become familiar with the contents and currently known issues in this release. CAFÉ is a system design tool and a complementary control software for D Series and PLM+ range of products.

Keeping you up-to-date

For latest information and new releases please visit:
<http://labgruppen.com/support/download-software>

You can also follow us on Facebook, [@Lab.gruppen](#) and keep updated via Twitter by following [@labgruppenpower](#)

Technical support

For further details regarding operation, please refer to the appropriate manual included in this release. As well, please visit our support portal at:
<http://labgruppen.com/support>

Online technical information, FAQs and support requests can be found at:
<http://support.labgruppen.com/home>

Please also refer to Lab.gruppen's YouTube channel for updates on tutorial videos know as CAFÉ COACH.
<https://www.youtube.com/playlist?list=PLEiaPYZpqGR8YpR9J7aegcP8qYvqSS-qz>

Release v1.2.0 (9473)– 2015-06-22

This is a public release of CAFÉ with new features, bug fixes and performance enhancements.

Who should upgrade?

- All users of D Series/PLM+ are recommended to upgrade to this version for improved feature set and stability.

Headlines - what's new?

- Added help sections on top of each view and tooltips for all fields/columns.
- Automap algorithm improved to level out headroom and sort channels more logically.
- Added constant voltage input option in RPM-view
- Added support for imperial units
- Added enter key to confirm changes in text boxes
- Sync of frame label for Lake frames ESP<->Online frames
- Performance enhancements and bug fixes

Software and firmware components in this installer

Component	Version	New	Comment
CAFÉ	1.2.0 9473	X	
Tutorial	1.2	X	

Compatibility & Support

This version supports D Series Lake/PLM+ and D series Tesira. It should be used with its respective latest releases of firmware and software. For Lake devices Lake release v6.3.1 or later is required for full functionality. For D Series Tesira the LoadPilot improvements will not come into effect until a future Tesira firmware release.

Good practice

- When doing initial operations with Lake frames it is recommended to have the frames turned ON. Prior or just after discovery it is recommended to turn frames ON before proceeding with synchronizing data. After initial sync frames can be in STANDBY if desired.
- Append correct file type extension when saving. CAFÉ does not yet enforce file extensions when saving. If changing from the default name, append .xml to project files and .lgsys on export Tesira device descriptions.

New features

- Add option to delete previously published or discovered frames from online views (DS-543)
- Add support for imperial units on cable lengths etc. (DS-443)
- Add Hi-impedance/constant voltage as an input method in the RPM view. (DS-675)
- Improve Automap algorithm to level out headroom and sort channels more logically. (DS-515)
- On Sync frames, a warning is added when data is rejected due to frame being in standby as well as a notice on No differences found. (DS-706, DS-740)
- CAFÉ automatically updates “read only parameters” e.g. ISVPL threshold. (DS-509)
- Added tooltips and help section/tutorial videos throughout CAFÉ. (DS-716, DS-758)
- Added Enter key to confirm changes in text boxes. (DS-621)
- Sync Frame label for Lake frames ESP<->Online frames. (DS-655)

Resolved issues

- CAFÉ can sometimes start with just a blank window. (DS-676, DS-695, DS-715, DS-763)
- CAFÉ can fail to display a Not in sync tag after a Factory reset operation. (DS-647)
- On some Windows computers the tutorial does not load all images/videos on first open. (DS-512)
- While the Help/Tutorial window is open, further navigation in CAFÉ views is blocked. (DS-483)
- When sorting on something else than ID in RPM view, RPM mode changes can act on the wrong frame. (DS-724)
- Varying nomenclature. BEL profile Universal is noted as Slow in sync diff view. Amp location/room. (DS-613, DS-725, DS-722)
- CAFÉ crashes if syncing ESP frame to bridged physical frame. (DS-742).
- Removing a frame can cause all frames to appear as offline until a restart of CAFÉ is performed. (DS-733)
- Not in sync tag might reappear after a successful sync. (DS-719)
- Resulting ISVPL is not auto updated after an RPM mode change, RPM change or threshold change. (DS-737, DS-648)
- Select network, show all interfaces and auto refresh list. (DS-759)
- Only show not associated frames in Associate frames dropdown. (DS-708)
- Added 32 character limit to frame labels in order to sync with Lake frames. (DS-731)
- Fails to keep the default cable selection and mains voltage selection when adding more cables. (DS-524, DS-667)
- Channels change order when leaving amp location. (DS-672)

Known issues

- When linking a new zone cable length limitations is not updated and stuck at 0. Attempts to enter a longer length is noted red and not accepted. Workaround: Prior to linking the new zone first add a LSP template (with enough allowed cable range). (DS-777)
- After sync frames, UI changes in the background before a selection is made. (DS-415)
- If a frame is associated and then un-associated before sync, CAFÉ still holds ESP data for the frame. Workaround: remove the frame and re-discover to upload settings from the frame.
- Impedance sweep with an entered cable impedance exceeding the measured impedance still displays a positive impedance curve. (DS-714)
- Import of additional loudspeakers to the database is a bit unstable. Workaround: double check the number of imported lines, redo if any lines are missing. Contact support if further assistance is needed
- Search field filtering does not work in ESP views (DS-419)
- Export to excel might not work for all versions/settings. Workaround: rename to .txt and import using comma as separator. (DS-630)
- CAFÉ does not prompt to save changes when hitting new or open. (DS-645)

LoadPilot monitoring design recommendations

The LoadPilot feature is capable of accurately monitoring the connected load and detects failures on loudspeakers and cabling. LoadPilot can be configured to fulfill the loudspeaker surveillance part in compliance to EN54-16 and other similar voice evacuation standards. For accurate surveillance of loads:

- The CAFÉ automatic or manual calibration sequence and enabling needs to be performed.
- The loudspeaker's impedance at the pilot tone frequency needs to be stable and between 1.4 ohm and 400 Ohms.
- The connected load consists of
 - a single loudspeaker
 - or two loudspeakers in parallel (detection of single failure)
 - or any number of loudspeakers in series
 - or two parallel coupled identical "chains of loudspeakers in series". (detection of single chain failure)
- The cable impedance needs to be less than 33% of the connected impedance at the pilot tone frequencies.
- For transformer/hi-impedance speakers there is a higher risk that the impedance at the pilot tone frequencies is not stable and varying with e.g. temperature and transformer saturation. For demanding applications sometimes only one tone is usable and sometimes End of line devices and blocking capacitors need to be used.

Release History

Release v1.1.0 – 2015-03-23

This is a public release of CAFÉ and a patch update to v1.0.0. This release adds RPM Auto mode for easy integration with Lake presets. The release also contains performance enhancements and extended control functionality for the LoadPilot feature.

Component	Version	New	Comment
CAFÉ	1.1.0 9208	X	
Tutorial	1.1	X	

Release v1.0.0 – 2014-12-12

This is a public release of CAFÉ and the first version that combines support for D Series Tesira as well as D Series Lake/PLM+ and the ESP feature for all of them.

Component	Version	New	Comment
CAFÉ	1.0.0 8947	X	

Release v0.6.0 – 2014-09-09

Public release for D Series Tesira

Component	Version	New	Comment
CAFÉ	0.6.0 (8153)	X	

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