

## Digital Audio Processor - LM4

### Firmware Version History

#### **Version 2.0.7** \_\_\_\_\_ 2015-02-12 \_\_\_\_\_

Changes:

- changed front panel led color indicating loudness mode  
 stays green now for all available ITU 1770 modes (formerly orange for ITU 1770-2/3)

#### **Version 2.0.6** \_\_\_\_\_ 2015-02-03 \_\_\_\_\_

Changes:

- fixed problem when pressing bypass in a fast and repeating manner

#### **Version 2.0.5** \_\_\_\_\_ 2014-02-13 \_\_\_\_\_

Changes:

- improved Java meter applet, now running with verified certificate  
 Supported browsers:  
 Internet Explorer from version 10  
 Firefox from version 24 (including ESR versions)  
 Chrome from version 31  
 Please note that earlier firmware versions may no longer show metering due to changes in Oracle Java security rules.

#### **Version 2.0.4** \_\_\_\_\_ 2013-07-05 \_\_\_\_\_

Changes:

- new feature user authentication on web GUI login

#### **Version 2.0.3** \_\_\_\_\_ 2013-05-27 \_\_\_\_\_

Changes:

- fixed browser support for Firefox 20 and 21  
 Please note that Backup and Restore does no longer work in Firefox 20 and above with earlier firmware versions.

#### **Version 2.0.2** \_\_\_\_\_ 2012-12-10 \_\_\_\_\_

Changes:

- new feature side chain filter for fail over detection
- new feature native Ember and Ember+ protocol support (please note: Ember+ protocol may be subject to minor changes due to ongoing protocol specification)
- improved metering for non-PCM input signals
- added Spectral Signature default mask
- fixed support for Internet Explorer 9
- fixed short signal interruption during reboot when SRC was enabled
- fixed EBU/ITU-loudness metering integration time when setting the clock
- fixed date/time no longer restored from backup file

- fixed linking dependency of gain reduction meters
- fixed 'Trigger Effective' trigger number shift
- fixed active GPOs are now reset after restore factory defaults

Known Issues:

- side chain filter is not yet operable via front panel - please use web GUI

**Version 2.0.1** \_\_\_\_\_ 2012-11-13 \_\_\_\_\_

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Corresponding software versions:

J*AM - Jünger Application Manager:	2.1.5 or higher
SDI interface board:	47, 48 or 49

New Features:

- latest Level Magic II technology including 'Expert' parameters
- Spectral Signature dynamic equalizer (optional license)
- five band full parametric equalizer
- Fail Over switching
- Voice Over and ducking
- input section (including mute, gain, filters, delay and mono summing options)
- output section (including mute, attenuation, delay and mono summing options)
- individual presets for each processing block
- sophisticated trigger/event control system
- support for option board AN-108
- fully ITU-R BS.1770 revision 3 compliant
- SDI ARIB B39 monitor (requires SDI firmware version from 49)
- lost or faulty module detection and warnings
- software option licensing system
- advanced routing possibilities
- backup file restore filters
- automatic bit transparency switching for non audio input signals

Changes:

- Ember parameter tree cleanup
- improved web GUI graphics and performance