

## LA NWM and firmware compatibility issues

All LA2Xi, LA4, LA7.16i, LA8, LA4X, LA12X, P1, and LS10 of a system should always run the same firmware version.

Each firmware version is related to a version of LA Network Manager.

Compatibility conflicts can occur when using a version of LA Network Manager that is older or more recent than the firmware version.

This technical bulletin describes the procedures to solve these conflicts.

### Version compatibilities

From newest to oldest:

Release date	LA NWM	Firmware package laupdate_*	Firmware	Preset Library / Enclosure Library
2023-03-28	3.4.2.1	v2.12.4.4	2.12.4.4	6.12 / 7.6
2023-03-06	3.4.1.6 (superseded by 3.4.2.1)	v2.12.3.2	2.12.3.2 (superseded by 2.12.4.4)	6.12 / 7.5
2022-11-15	3.3.1.17	v2.12.1.9	2.12.1.9 <sup>1</sup>	6.11 / 7.4
2022-07-13	3.2.12.1	v2.11.10.1	2.11.10.1	6.10
2022-06-15	3.2.11.5	v2.11.9.3	2.11.9.3	6.9
2022-04-26	3.2.10.2	v2.11.8.1	2.11.8.1	6.8
2022-04-13	3.2.9.5 (superseded by 3.2.10.2)	v2.11.7.6	2.11.7.6 (superseded by 2.11.8.1)	
2022-02-07	3.2.8.9			
2021-10-27	3.2.7.8	v2.11.6.14	2.11.6.14	6.7
2021-07-07	3.2.6.7	v2.11.5.8	2.11.5.8	6.6
2021-04-01	3.2.5.2	v2.11.4.2	2.11.4.2 (superseded by 2.11.5.8)	
2021-03-10	3.2.4.4 (superseded by 3.2.5.2)			
2021-01-19	3.2.3.7	v2.11.3.7	2.11.3.7 (superseded by 2.11.5.8)	6.5
2020-10-20	3.2.2.1	v2.11.2.1	2.11.2.1 (superseded by 2.11.3.7)	
2020-10-15	3.2.1.15	v2.11.1.4	2.11.1.4 (superseded by 2.11.2.1)	
2020-07-22	3.1.3.17	v2.10.3.3	2.10.3.3	6.4
2020-05-18	3.1.2.4	v2.10.2.1	2.10.2.1	
2020-04-10	3.1.1.14	v2.10.1.1	2.10.1.1 (superseded by 2.10.2.1)	

<sup>1</sup> First version compatible with LA7.16i amplified controllers.

Release date	LA NWM	Firmware package laupdate_*	Firmware	Preset Library / Enclosure Library
2019-12-06	2.7.4.7	v2.9.12.3	2.9.12.3	6.3
2019-10-01	2.7.3.2	v2.9.11.3	2.9.11.3	
2019-06-10	2.7.2.1	v2.9.10.2	2.9.10.2	6.2
2019-04-01	2.7.0.116	v2.9.8.3	2.9.8.3	6.1
2019-02-25	2.6.5.1	v2.9.6.1	2.9.6.1	
2019-01-16	2.6.4.1	v2.9.4.3	2.9.4.3	6.0
2018-11-27	2.6.3.1	v2.9.3.4	2.9.3.4	
2018-08-29	2.6.1.73	v2.9.2.3	2.9.2.3 (superseded by 2.9.3.4)	
2018-07-02	2.6.0.62	v2.9.1.7	2.9.1.7 <sup>2</sup>	
2018-02-15	2.5.2.3	v2.8.4.5	2.8.4.5	5.8
2017-09-25	2.5.1.13	v2.8.3.2	2.8.3.2	
2017-08-21	2.5.0.32			
2017-06-07		v2.8.1.6	2.8.1.6 (superseded by 2.8.3.2) <sup>3</sup>	
2016-10-03	2.4.4.35	20160927_2016Q1-SP2_RC3	2.7.2.9 (LA4/LA8)	5.6
			1.7.2.9 (LA4X/LA12X)	
2016-07-12	2.4.3.24	20160628_2016Q1-SP1_RC4	2.7.1.4 (LA4/LA8)	5.5
			1.7.1.4 (LA4X/LA12X)	
2016-05-20(b)		20160503_2016Q1_RC5	2.7.0.15 (LA4/LA8)	
			1.7.0.15 (LA4X/LA12X)	
2016-02-16	2.4.2.12	20160112_2015Q4_RC4	2.6.0.14 (LA4/LA8)	5.4
			1.6.0.14 (LA4X)	
2015-12-11	2.4.0.5	20151207_2015Q3	2.5.1.1 (LA4/LA8)	5.3
			1.5.0.7 (LA4X)	
2015-10-14		20150910_2015Q3_RC4	2.5.0.7 (LA4/LA8) (superseded by 2.5.1.1)	
			1.5.0.7 (LA4X)	
2015-06-09	2.3.0.0	20150522	2.3.0.23 (LA4/LA8)	5.1
			1.2.0.29 (LA4X)	
2014-06-09	2.2.1.0	la4_la8_la4x_20140506	2.1.3.3 (LA4/LA8)	4.2
			1.0.3.3 (LA4X) <sup>4</sup>	
2013-03-25	2.1.0.1	v2-0-0-2	2.0.0.2 (LA4/LA8)	3.0
2012-09-09	2.0.2.5	v1-5-1-4	1.5.1.4 (LA4/LA8)	from 2.0 to 2.5

<sup>2</sup> First version compatible with P1 processors.

<sup>3</sup> First version with single versioning for all product types.

<sup>4</sup> Not compatible for LA4X with hardware info ID4 or higher (see menu MONITORING & INFO).

## Preset compatibilities

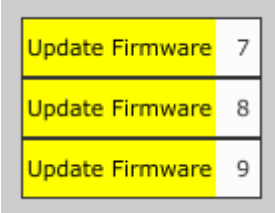
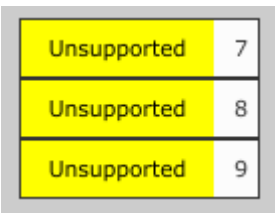

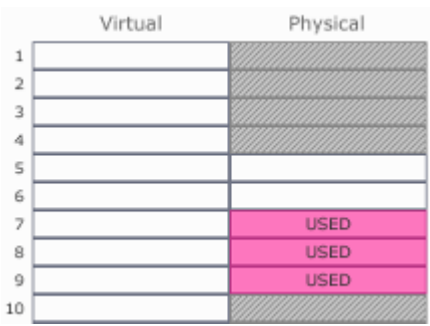
Preset versions are the versions of the preset library they come from. Session versions are the versions of the LA Network Manager they have been created from.

Presets and sessions are not compatible with older versions of LA Network Manager.

Presets and sessions are compatible with more recent versions of LA Network Manager, except preset versions 1.x and 2.x which are not compatible with LA Network Manager 2.2.0.0 and more recent. Refer to technical bulletin

**Incompatibility between LA Network Manager 2.2.0.0 and Presets 1.X or 2.X** (February 2014).

## Identifying firmware compatibility issues

situation	explanation	solution
<p>Units can be added to the Workspace. They display <b>Update Firmware</b> on a yellow background.</p> 	<p>LA NWM version is more recent than the units' firmware version.</p> <p>This can happen when:</p> <ul style="list-style-type: none"> <li>• upgrading LA Network Manager</li> <li>• renting amplified controllers with a firmware version older than the LA Network Manager version in use</li> </ul>	<p>Update the units firmware — refer to <a href="#">Updating units firmware</a> (p.5).</p>
<p>Units can be added to the Workspace. They display <b>Unsupported</b> on a yellow background.</p> 	<p>LA NWM version is older than the units' firmware version.</p> <p>This can happen when:</p> <ul style="list-style-type: none"> <li>• renting amplified controllers with a firmware version more recent than the LA Network Manager version in use</li> <li>• receiving units used with more advanced firmware version (pilot/beta test program)</li> <li>• using an older version of LA Network Manager by mistake</li> </ul>	<p>Downgrade the units firmware — refer to <a href="#">Downgrading units firmware</a> (p.5)</p> <p>or</p> <p>Upgrade LA NWM — download the latest version from <a href="http://l-acoustics.com">l-acoustics.com</a> and refer to the included readme file.</p>
<p>Units cannot be added to the Workspace. Their IP is pink in the <b>IP Selector</b>:</p>  <p>And in the <b>Unit Matcher</b>:</p>  <p>Amplified controllers may also display:</p> <p>System Message Invalid L-NET Client</p> <p>or</p> <p>System Message L-COM Error</p>	<p>LA NWM versions older than the unit's firmware version cannot add these units to the Workspace.</p>	<p>Upgrade LA NWM — download the latest version from <a href="http://l-acoustics.com">l-acoustics.com</a> and refer to the included readme file.</p>

## Updating units firmware

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### Procedure

1. Run LA NWM in Online mode.



**Firmware update erases Session parameters and user presets/layouts from the amplified controllers.**

If necessary, make a back-up.

2. Add the detected units to the Workspace.
3. Select the units to be updated.
4. Click the L-Acoustics logo.
5. Select **Firmware Updater**.
6. Click **Update Firmware**.

## Downgrading units firmware

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If downgrading firmware to a version prior 2.10, use the LA NWM version that contains the target firmware version. Downgrade the amplified controllers first. Then downgrade all P1. When downgrading P1, wait for their front panels to show **Waiting for reboot** and power cycle them.

### Procedure

1. Run LA NWM in Online mode.



**Firmware update erases Session parameters and user presets/layouts from the amplified controllers.**

If necessary, make a back-up.

2. Add the detected units to the Workspace.
3. Select the units to be updated.
4. Click the L-Acoustics logo.
5. Select **Firmware Updater**.
6. Click **Select Fw Package File** and browse to the FWPKG file from the corresponding LA NWM installation folder. Refer to [Version compatibilities](#) (p.1).
7. Click **Update Firmware**.