

## Release Notes

**Product Name:** SL-12

**Current Version:**

Type	Number	Date
Firmware	4.0.47.53564	June 2019
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** June 25, 2019

**Reference:** 15398

### Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-12	Any	Yes	Yes

### Technical Notes:

- Fixed a bug.

### Codependency with Other Products and Software:

- There is no codependency with other products or software.



**KRAMER ELECTRONICS, Ltd.**

E-mail: [info@kramerav.com](mailto:info@kramerav.com)

Web: [www.kramerav.com](http://www.kramerav.com)

## Release Notes

**Product Name:** SL-12

**Current Version:**

Type	Number	Date
Firmware	4.0.47.53564	June 2019
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** June 25, 2019

**Reference:** 15398

The following changes were made in this version:

### Bugs Fixed:

QC ID	Fixed Bug Description
	Fixed an issued that slowed down the device.

### Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	None listed

### Known Limitations (including compatibility limitations):

QC ID	Limitation Description
2154	Cannot read/control analog/digital IO (GPIO) on AUX device
3559	38KHz IR frequency support

**Preceding Version:** 4.0.45.49251



**KRAMER ELECTRONICS, Ltd.**

E-mail: [info@kramerav.com](mailto:info@kramerav.com)

Web: [www.kramerav.com](http://www.kramerav.com)

## Release Notes History

**Product Name:** SL-12

**Current Version:**

Type	Number	Date
Firmware	4.0.45.49251	October 2018
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** October 2018

**Reference:** 14395

### Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-12	Any	Yes	Yes

### Technical Notes:

- Adds notifications for LED, button and LCD changes.

### Codependency with Other Products and Software:

- There is no codependency with other products or software.



**KRAMER ELECTRONICS, Ltd.**

E-mail: [info@kramerav.com](mailto:info@kramerav.com)

Web: [www.kramerav.com](http://www.kramerav.com)

## Release Notes History

**Product Name:** SL-12

**Current Version:**

Type	Number	Date
Firmware	4.0.45.49251	October 2018
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** October 2018

**Reference:** 14395

The following changes were made in this version:

### New Features:

	New Feature Description
	Adds notifications for LED, button and LCD changes.

### Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	None listed

### Known Limitations (including compatibility limitations):

QC ID	Limitation Description
2154	Cannot read/control analog/digital IO (GPIO) on AUX device
3559	38KHz IR frequency support

**Preceding Version:** F – 4.0.45.49251



**KRAMER ELECTRONICS, Ltd.**

E-mail: [info@kramerav.com](mailto:info@kramerav.com)

Web: [www.kramerav.com](http://www.kramerav.com)

## Release Notes History

**Product Name:** SL-12

**Current Version:**

Type	Number	Date
Firmware	4.0.45.49251	September 2018
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** September 2018

**Reference:** 14395

### Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-12	Any	Yes	Yes

### Technical Notes:

- Added support for Kramer Control for relay and GPI/O.

### Codependency with Other Products and Software:

- There is no codependency with other products or software.



**KRAMER ELECTRONICS, Ltd.**

E-mail: [info@kramerav.com](mailto:info@kramerav.com)

Web: [www.kramerav.com](http://www.kramerav.com)

## Release Notes History

**Product Name:** SL-12

**Current Version:**

Type	Number	Date
Firmware	4.0.45.49251	October 2018
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** October 2018

**Reference:** 14395

The following changes were made in this version:

### New Features:

	New Feature Description
	Added support for Kramer Control for relay and GPI/O.

### Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	None listed

### Known Limitations (including compatibility limitations):

QC ID	Description
2154	Cannot read/control analog/digital IO (GPIO) on AUX device
3559	38KHz IR frequency support

**Preceding Version:** 4.0.43.42085



**KRAMER ELECTRONICS, Ltd.**

E-mail: [info@kramerav.com](mailto:info@kramerav.com)

Web: [www.kramerav.com](http://www.kramerav.com)

## Release Notes History

**Product Name:** SL-12

**Current Version:**

Type	Number	Date
Firmware	4.0.43.42085	December 2017
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** December 2017

**Reference:** 12588

### Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-12	Any	Yes	N/A

### Codependency with Other Products and Software:

- There is no codependency with other products or software.

The following changes were made in this version:

### Modifications:

QC ID	Modification Description
	Removed unused command descriptions from the Help

### Bugs Fixed:

QC ID	Fixed Bug Description
10772	The press event doesn't work when using Press-Release Functionality.

### Known Limitations (including compatibility limitations):

QC ID	Description
2154	Cannot read/control analog/digital IO (GPIO) on AUX device
3559	38KHz IR frequency support

**Preceding Version:** F – 4.0.33.29083



**KRAMER ELECTRONICS, Ltd.**

E-mail: [info@kramerav.com](mailto:info@kramerav.com)

Web: [www.kramerav.com](http://www.kramerav.com)

## Release Notes History

**Product Name:** SL-12

**Current Version:**

Type	Number	Date
Firmware	4.0.33.29083	August 2016
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** August 2016

**Reference:** 11012

**Kramer Product Affected:**

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-12	Any	Yes	N/A

**Technical Notes:**

- Support for new flash component.
- Improved PJLINK protocol handling.

**Codependency with Other Products and Software:**

- There is no codependency with other products or software.



**KRAMER ELECTRONICS, Ltd.**

E-mail: [info@kramerav.com](mailto:info@kramerav.com)

Web: [www.kramerav.com](http://www.kramerav.com)



## Release Notes History

**Product Name:** SL-12

**Current Version:**

Type	Number	Date
Firmware	4.0.33.29083	August 2016
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** August 2016

**Reference:** 11012

The following changes were made in this version:

### New Features:

	Description
	Support for new flash component
	Improved PJLINK protocol handling

### Known Limitations (including compatibility limitations):

QC ID	Description
2154	Cannot read/control analog/digital IO (GPIO) on AUX device
3559	38KHz IR frequency support

**Preceding Version:** F – 4.0.29.24637



**KRAMER ELECTRONICS, Ltd.**

E-mail: [info@kramerav.com](mailto:info@kramerav.com)

Web: [www.kramerav.com](http://www.kramerav.com)

## Release Notes History

**Product Name:** SL-12  
**Current Version:** F – 4.0.29.24637  
**Version Date:** February 2016  
**Reference:** 10067

The following changes were made in this version:

### Modifications:

- Support for K-Config 3 features.

QC ID	Description
1086	GPI/O LEDs don't light when GPI/Os closed
2574	Customers request to have more than 64 buttons on SL-12 virtual device.
3559	Our room controllers product line supports IR in the range of 38kHz , a lot of customers asks to consider supporting wider range.

### Known Issues:

- There are no known issues.

**Preceding Version:** F – 4.0.15.11355



**KRAMER ELECTRONICS, Ltd.**

E-mail: [info@kramerav.com](mailto:info@kramerav.com)

Web: [www.kramerav.com](http://www.kramerav.com)

## Release Notes History

**Product Name:** SL-12  
**Preceding Version:** F – 4.0.15.11355  
**Version Date:** March 2014  
**Reference:** 6935

The following changes were made in this version:

### Added Features:

Added support for K-Config 2 new relevant features:

- K-Config 2 – Support for new queries mechanism
- K-Config 2 – Supports new tables
- K-Config 2 – Supports new DELAY
- K-Config 2 – Supports "Test command"
- K-Config 2 – Support 10 Ethernet clients

### Fixes:

- Various bugs were fixed and performance stabilized.

### Modifications:

- Speed enhancements were made.

### Known Issues:

- There are no known issues.

**Preceding Version:** N/A



**KRAMER ELECTRONICS, Ltd.**

E-mail: [info@kramerav.com](mailto:info@kramerav.com)

Web: [www.kramerav.com](http://www.kramerav.com)