

Release Notes

Product Name: RC-306

Current Version:

Type	Number	Date
Firmware	4.0.48.61814	November 2021
Software	–	–
Web	–	–
Hardware	–	–

RN Date: November 14, 2021

Reference: 17916

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
RC-306	Any	Yes	Yes

Summary:

- Firmware upgrade
- Added new features

Codependency with Other Products and Software:

- There is no codependency with other products or software.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes

Product Name: RC-306

Current Version:

Type	Number	Date
Firmware	4.0.48.61814	November 2021
Software	–	–
Web	–	–
Hardware	–	–

RN Date: November 14, 2021

Reference: 17916

New Features:

	Allow buttons lights test at power up, even if no K-Config project is programmed in the device.		
	Added ETH-to-RS-232 tunneling ability similar to FC-6 and other gateway devices.		
	TCP Port 1: 5001		
	TCP Port 2: 5002		
	Default values for the RS-232 ports: Parity: none Data Bits: 8 Baud Rate: 9600 Stop Bits: 1		
	Users can change default values by the Protocol 3000 UART command:		
	Command - UART	Command Type - Communication	
	Command Name	Permission	Transparency
	Set: UART	Administrator	Public
	Get: UART?	End User	Public
	Description	Syntax:	
	Set: Set com port configuration	# UART _{SP} COM_Num, baud_rate, data_bit, parity, stop_bit _{CR}	
	Get: Get com port configuration	# UART? _{SP} COM_Num _{CR}	
	Response		
	Set: ~ [nn]@ UART _{SP} COM_Num, baud_rate, data_bit, parity, stop_bit _{CR LF}		
	Get: ~ [nn]@ UART _{SP} COM_Num, baud_rate, data_bit, parity, stop_bit, serial1_type, 485_term _{CR LF}		
	Parameters		
	COM_Num - 1-4 baud_rate - 9600 - 115200 data_bit - 7-8 parity - 'N', 'O', 'E', 'M', 'S' stop_bit - 1-2		



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	None listed.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
1428, 1429	RS-232 Tx/Rx: When performing a load RS-232 communication test, one of every thousand characters may be lost (Rx+Tx simultaneously) and cause sending/receiving command failure.

Preceding Version: 4.0.47.53564



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: RC-3068

Current Version:

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

RN Date: May 15, 2019

Reference: 15392

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
RC-306	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

Web: www.kramerav.com

Release Notes History

Product Name: RC-306

Current Version:

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

RN Date: May 15, 2019

Reference: 15392

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
1428, 1429	RS-232 Tx/Rx: When performing a load RS-232 communication test, one of every thousand characters may be lost (Rx+Tx simultaneously) and cause sending/receiving command failure.

Preceding Version: 4.0.45.49251



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: RC-306

Current Version:

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

RN Date: August 2018

Reference: 14390

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
RC-306	Any	Yes	Yes

Technical Notes:

- Added support for Kramer Control.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: RC-306

Current Version:

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

RN Date: August 2018

Reference: 14390

The following changes were made in this version:

New Features:

	New Feature Description
	Added support for Kramer Control.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	None listed.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
1428, 1429	RS-232 Tx/Rx: When performing a load RS-232 communication test, one of every thousand characters may be lost (Rx+Tx simultaneously) and cause sending/receiving command failure.

Preceding Version: 4.0.11



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: RC-306

Current Version:

Type	Number	Date
Firmware	4.0.11	March 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: March 2018

Reference: 12109

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
RC-306	N/A	N/A	N/A
RC-308	N/A	N/A	N/A

Technical Notes:

- This is a release note for a new product.

Codependency with Other Products and Software:

Product Name	Comments
K-Config	



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: RC-306

Current Version:

Type	Number	Date
Firmware	4.0.11	March 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: March 2018

Reference: 12109

This is a release note for a new product. For a list of new product features see:

<http://www.kramerav.com/manual/RC-306>

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	None listed.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
1428, 1429	RS-232 Tx/Rx: When performing a load RS-232 communication test, one of every thousand characters may be lost (Rx+Tx simultaneously) and cause sending/receiving command failure.

Preceding Version: F – N/A



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com