

Release Notes

Product Name: PA-120Z, PA-240Z

Current Version:

Type	Number	Date
Firmware	R1.15.54548	November 2019
Software	–	–
Web	–	–
Hardware	–	–

RN Date: November 4, 2019

Reference: 15811

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
PA-120Z	Any	Yes	Yes
PA-240Z	Any	Yes	Yes

Technical Notes:

- Added one and improved one Protocol 3000 command.
- New features are described in the updated User Manual.

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: PA-120Z, PA-240Z

Current Version:	Type	Number	Date
	Firmware	R1.15.54548	November 2019
	Software	–	–
	Web	–	–
	Hardware	–	–

RN Date: November 4, 2019

Reference: 15811

The following changes were made in this version:

New Features:

New Feature Description										
<p>New AUD-MUTE Protocol 3000 command: In addition to the current MUTE command. See below.</p>										
<p>AUD-MUTE</p> <table border="1"> <thead> <tr> <th>Functions</th> <th>Permission</th> <th>Transparency</th> </tr> </thead> <tbody> <tr> <td>Set: AUD-MUTE</td> <td>End User</td> <td>Public</td> </tr> <tr> <td>Get: AUD-MUTE?</td> <td>End User</td> <td>Public</td> </tr> </tbody> </table>		Functions	Permission	Transparency	Set: AUD-MUTE	End User	Public	Get: AUD-MUTE?	End User	Public
Functions	Permission	Transparency								
Set: AUD-MUTE	End User	Public								
Get: AUD-MUTE?	End User	Public								
<table border="1"> <thead> <tr> <th>Description</th> <th>Syntax</th> </tr> </thead> <tbody> <tr> <td>Set: Set audio mute</td> <td>#AUD-MUTE [SP] <i>stage,channel,mute_mode</i> [CR]</td> </tr> <tr> <td>Get: Get audio mute</td> <td>#AUD-MUTE? [SP] <i>stage,channel</i> [CR]</td> </tr> </tbody> </table>		Description	Syntax	Set: Set audio mute	#AUD-MUTE [SP] <i>stage,channel,mute_mode</i> [CR]	Get: Get audio mute	#AUD-MUTE? [SP] <i>stage,channel</i> [CR]			
Description	Syntax									
Set: Set audio mute	#AUD-MUTE [SP] <i>stage,channel,mute_mode</i> [CR]									
Get: Get audio mute	#AUD-MUTE? [SP] <i>stage,channel</i> [CR]									
<p>Response</p> <p>~nn@AUD-MUTE [SP] <i>stage,channel,mute_mode</i> [CR] [LF]</p>										
<p>Parameters</p> <p><i>stage</i> – 0 (Input), 2 (Output) <i>channel</i> – For input: 1 (Input 1), 2 (Input 2), * (Both channels); For output: 1 (Speaker output), 2 (Line level output), * (Both channels) <i>mute_mode</i> – 0 (Off), 1 (On)</p>										
<p>K-Config Example</p> <p>Mute input 1: "#AUD-MUTE 0,1,1" ,0x0D</p>										



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes

Modifications:

QC ID	Modification Description
	AUD-MIX Protocol 3000 command: Added values changing the level incrementally by 1dB and by XdB. ++ – (increase current value by 1dB); -- – (decrease current value by 1dB) ++X – (increase current value by XdB); --X – (decrease current value by XdB)

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
11079	In web pages: Q-Factor parameter validation issue
11099	Web pages: The application does not support Internet on Android mobile
11230	In web pages: The Firmware Upgrade and Security tabs do not display in Safari on MacBook

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: 1.10.50707



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: PA-120Z

Current Version:

Type	Number	Date
Firmware	1.10.50707	December 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: December 2018

Reference: 14793

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
PA-120Z	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: PA-120Z

Current Version:

Type	Number	Date
Firmware	1.10.50707	December 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: December 2018

Reference: 14793

The following changes were made in this version:

Bugs Fixed:

QC ID	Fixed Bug Description
	Stereo down mix setting no longer resets after power off(recycling).

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
11079	In web pages: Q-Factor parameter validation issue
11099	Web pages: The application does not support Internet on Android mobile
11230	In web pages: The Firmware Upgrade and Security tabs do not display in Safari on MacBook

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: 1.9.47150



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: PA-120Z

Current Version:

Type	Number	Date
Firmware	1.9.47150	April 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: April 2018

Reference: 13912

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
PA-120Z	Any	Yes	N/A

Technical Notes:

- Added features and fixed 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: PA-120Z

Current Version:

Type	Number	Date
Firmware	1.9.47150	April 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: April 2018

Reference: 13912

The following changes were made in this version:

New Features:

	New Feature Description
	Protocol 3000 command AUD-LVL now enables changing volume by one dB with ++/-- parameter.
	Protocol 3000 command AUD-LVL now enables changing volume by X dB with ++X/--X parameter.

Bugs Fixed:

QC ID	Fixed Bug Description
	Volume command no longer allows alphabetic parameter.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
11079	In web pages: Q-Factor parameter validation issue
11099	Web pages: The application does not support Internet on Android mobile
11230	In web pages: The Firmware Upgrade and Security tabs do not display in Safari on MacBook

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: F – 1.8



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: PA-120Z

Current Version:

Type	Number	Date
Firmware	1.8	April 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: April 2018

Reference: 11005

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
PA-120Z	N/A	N/A	N/A

Technical Notes:

- This is a release note for a new product.

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: PA-120Z

Current Version:

Type	Number	Date
Firmware	1.8	April 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: April 2018

Reference: 11005

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

www.kramerav.com/manual/PA-120Z

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
11079	In web pages: Q-Factor parameter validation issue
11099	In web pages: The application does not support Internet on Android mobile
11230	In web pages: The Firmware Upgrade and Security tabs do not display in Safari on MacBook

Preceding Version: N/A



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com