

## Release Notes

**Product Name:** PA-120NET, PA-240NET

**Current Version:**

Type	Number	Date
Firmware	R1.5.54548	November 2019
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** November 5, 2019

**Reference:** 15809

### Kramer Product Affected:

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



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**Product Name:** PA-120NET, PA-240NET

**Current Version:**

Type	Number	Date
Firmware	R1.5.54548	November 2019
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** November 5, 2019

**Reference:** 15809

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><b>AUD-MUTE</b></p> <table border="1"> <thead> <tr> <th>Functions</th> <th>Permission</th> <th>Transparency</th> </tr> </thead> <tbody> <tr> <td>Set: <b>AUD-MUTE</b></td> <td>End User</td> <td>Public</td> </tr> <tr> <td>Get: <b>AUD-MUTE?</b></td> <td>End User</td> <td>Public</td> </tr> </tbody> </table>		Functions	Permission	Transparency	Set: <b>AUD-MUTE</b>	End User	Public	Get: <b>AUD-MUTE?</b>	End User	Public
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<table border="1"> <thead> <tr> <th>Description</th> <th>Syntax</th> </tr> </thead> <tbody> <tr> <td>Set: Set audio mute</td> <td><b>#AUD-MUTE</b>[SP]<i>stage,channel,mute_mode</i>[CR]</td> </tr> <tr> <td>Get: Get audio mute</td> <td><b>#AUD-MUTE?</b>[SP]<i>stage,channel</i>[CR]</td> </tr> </tbody> </table>		Description	Syntax	Set: Set audio mute	<b>#AUD-MUTE</b> [SP] <i>stage,channel,mute_mode</i> [CR]	Get: Get audio mute	<b>#AUD-MUTE?</b> [SP] <i>stage,channel</i> [CR]			
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Get: Get audio mute	<b>#AUD-MUTE?</b> [SP] <i>stage,channel</i> [CR]									
<p><b>Response</b></p> <p>~[nn]<b>@AUD-MUTE</b>[SP]<i>stage,channel,mute_mode</i>[CR LF]</p>										
<p><b>Parameters</b></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><b>K-Config Example</b></p> <p>Mute input 1:  "#AUD-MUTE 0,1,1" ,0x0D</p>										



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### Modifications:

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

### Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	None listed

### Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed

**Preceding Version:** 1.1.50582



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## Release Notes History

**Product Name:** PA-120NET, PA-240NET

**Current Version:**

Type	Number	Date
Firmware	1.1.50582	January 2019
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** January 7, 2019

**Reference:** 13284

### Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
PA-120NET, PA-240NET	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.



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## Release Notes History

**Product Name:** PA-120Net

**Current Version:**

Type	Number	Date
Firmware	1.1.50582	January 2019
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** January 7, 2019

**Reference:** 13284

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

[www.kramerav.com/manual/PA-120Net](http://www.kramerav.com/manual/PA-120Net)

### Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	None listed

### Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed

**Preceding Version:** N/A



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