

## Release Notes

**Product Name:** DIP-20

**Current Version:**

| Type     | Number     | Date     |
|----------|------------|----------|
| Firmware | 2.19.53855 | May 2019 |
| Software | –          | –        |
| Web      | –          | –        |
| Hardware | –          | –        |

**RN Date:** May 28, 2019

**Reference:** 15489

### Kramer Product Affected:

| Product Name | Minimum FW Version for Upgrade | Recommended for All Units | Only if Added Features are Required |
|--------------|--------------------------------|---------------------------|-------------------------------------|
| DIP-20       | Any                            | Yes                       | Yes                                 |

### Technical Notes:

- Added modifications.
- Fixed a bug.

### Codependency with Other Products and Software:

- There is no codependency with other products or software.



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| Firmware | 2.19.53855 | May 2019 |
| Software | –          | –        |
| Web      | –          | –        |
| Hardware | –          | –        |

**RN Date:** May 28, 2019

**Reference:** 15489

The following changes were made in this version:

### Modifications:

| QC ID | Modification Description               |
|-------|----------------------------------------|
|       | File system stability improvement.     |
|       | DHCP mode stability improvement.       |
|       | Modification in the FW update webpage. |

### Bugs Fixed:

| QC ID | Fixed Bug Description                                                                     |
|-------|-------------------------------------------------------------------------------------------|
|       | After power-on with all the inputs unplugged, there is no image when an input is plugged. |

### Bugs to Fix in Future Versions:

| QC ID | Deferred Bug Description                                                                                                               |
|-------|----------------------------------------------------------------------------------------------------------------------------------------|
| 5936  | AV-SW-TIMEOUT works for all video/audio signal changes except for #1 and #3                                                            |
| 6036  | In a certain scenario the EDID is corrupted after copying to all the inputs                                                            |
| 6039  | When all the inputs are connected and VGA is selected, there is no audio after switching to HDMI and disconnecting it at the same time |
| 6047  | After SW downgrade, the device is stuck in boot process. HW reset or power cycle solves it                                             |
| 7125  | AAO goes on-off-on several times when changing VGA resolution                                                                          |
| 7204  | When a 4K NEC UHD display is connected, the image shifts left                                                                          |
| 7294  | In a certain setup where the device is set to HDCP-on but connected to a non- HDCP display, there is noise on AAO.                     |
| 7312  | Noise on AAO after changing specific resolutions                                                                                       |
| 9265  | Endless switching when MacBook Pro enters sleep mode                                                                                   |



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| QC ID | Deferred Bug Description                                                                                                               |
|-------|----------------------------------------------------------------------------------------------------------------------------------------|
| 10514 | FW downgrade 2.0 to 1.17 causes WEB page malfunction. Workaround: Formatting filesystem before the downgrade resolves the issue        |
| 10529 | The volume changes from min -83 dB to max +24 dB and vice versa in 22sec                                                               |
| 10535 | Switching performance improvement                                                                                                      |
| 10975 | Control commands do not echo over HDBT                                                                                                 |
| 10976 | At power on, the speakers turn on-off-on when outputting embedded audio                                                                |
| 10983 | Test pattern is not applied correctly and causes loss of analog audio                                                                  |
| 10984 | In a certain scenario there is no picture on a Dell U2715                                                                              |
| 10986 | In a certain scenario no picture/audio on a Panasonic TV                                                                               |
| 10987 | Disabling the Audio Only mode via the web causes device malfunction                                                                    |
| 10988 | File system issues after upgrading DIP-20 from ver 1.17 to ver 2.5                                                                     |
| 10989 | In a certain case the VGA input LED lights green instead of red.                                                                       |
| 10998 | Device resets after changing a HDBT serial setting parameter                                                                           |
| 11000 | In audio only mode, when no video source is connected, there is no audio over the embedded speakers                                    |
| 11015 | The output turns off after selecting an unpopulated video input without waiting for the timeout expiration                             |
| 11106 | Disconnecting the analog audio doesn't change the HDMI input LED color from red to green.                                              |
| 11109 | Change status of LOCK EDID after powering up                                                                                           |
| 11110 | Inconsistent behavior of the 5V when disabling the audio only mode                                                                     |
| 11125 | Setting the VGA phase from the web page doesn't work properly                                                                          |
| 11138 | In a certain, color space setup fails on a DVI monitor                                                                                 |
| 11708 | Needs to clean the cache after upgrading the FW from version 1.x to 2.x.                                                               |
| 11710 | In a certain setup, Control commands are executed during "HDBT Tunneling from Data Port"                                               |
| 11718 | Rarely, if irrelevant data added to "application.min.js" during FW upgrade and the webpage can't be opened, need to re-run the upgrade |
| 11726 | "Control External settings" upgrade is not saved after FW upgrade                                                                      |

### Known Limitations (including compatibility limitations):

| QC ID | Limitation Description                                                               |
|-------|--------------------------------------------------------------------------------------|
| 5913  | After storing a screen EDID, the unit does not send hot-plug to the source           |
| 5957  | There are no scroll bars when the browser window is resized                          |
| 5958  | Timeout values that start with 0 update the value in octal instead of decimal values |
| 5968  | Step-In master mute doesn't work                                                     |



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| QC ID | Limitation Description                                                                                                          |
|-------|---------------------------------------------------------------------------------------------------------------------------------|
| 5973  | It is possible to change the volume by button while the audio is muted                                                          |
| 6014  | WEB doesn't support *.kpt upload                                                                                                |
| 6015  | Audio from HDCP signal plays on an analog speaker when HDCP non-compliant monitor is sink                                       |
| 6017  | DELL 1708 (native resolution is 1280x1024p, 60Hz) - Shifted picture on 1280x720-60.                                             |
| 6019  | Issues with HDMI cable 15m                                                                                                      |
| 6021  | The device supports a single browser                                                                                            |
| 6022  | WEB: resizing of browser window hides some parts                                                                                |
| 6024  | HDCP-STAT for input returns "0" despite an encrypted input signal, and there's a sound on analog output - when HDCP is disabled |
| 6026  | Panasonic TV: One video flickers when switching from PC to HDMI                                                                 |
| 6027  | Video signal flickering at VGA 1024X768-60 resolution with CPHD-3A generator                                                    |
| 6030  | WEB GUI: There is no scroll option in the tabs panel                                                                            |
| 6033  | Show native 4K resolution on VGA Input (EDID)                                                                                   |
| 6034  | In a certain setup, audio/video flickers one time on power-on.                                                                  |
| 6037  | When enabling/ disabling DHCP, the device IP changes, and the web loses the connection with the device.                         |
| 6040  | When uploading a configuration over a port that is currently in use, a failure message is received.                             |
| 6041  | The device transfers the analog audio without HDMI video source when only the SINK is connected                                 |
| 6055  | In a specific setup, when receiving embedded audio, the green LED of HDMI is on instead of the red LED of DVI.                  |
| 6390  | AAO on-off-on on a specific scenario                                                                                            |
| 10971 | The device does not respond (loops reset) when downgrading to the released version                                              |

**Preceding Version:** 2.11.47548



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## Release Notes History

**Product Name:** DIP-20

**Current Version:**

| Type     | Number     | Date      |
|----------|------------|-----------|
| Firmware | 2.11.47548 | July 2018 |
| Software | –          | –         |
| Web      | –          | –         |
| Hardware | –          | –         |

**RN Date:** July 2018

**Reference:** 14060

### Kramer Product Affected:

| Product Name | Minimum FW Version for Upgrade | Recommended for All Units | Only if Added Features are Required |
|--------------|--------------------------------|---------------------------|-------------------------------------|
| DIP-20       | Any                            | Yes                       | Yes                                 |
|              |                                |                           |                                     |

### Technical Notes:

- Added Maestro functionality.
- 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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## Release Notes History

**Product Name:** DIP-20

**Current Version:**

| Type     | Number     | Date      |
|----------|------------|-----------|
| Firmware | 2.11.47548 | July 2018 |
| Software | –          | –         |
| Web      | –          | –         |
| Hardware | –          | –         |

**RN Date:** July 2018

**Reference:** 14060

The following changes were made in this version:

### New Features:

|  | New Feature Description      |
|--|------------------------------|
|  | Added Maestro functionality. |

### Bugs to Fix in Future Versions:

| QC ID | Deferred Bug Description                                                                                                               |
|-------|----------------------------------------------------------------------------------------------------------------------------------------|
| 5936  | AV-SW-TIMEOUT works for all video/audio signal changes except for #1 and #3                                                            |
| 6036  | In a certain scenario the EDID is corrupted after copying to all the inputs                                                            |
| 6039  | When all the inputs are connected and VGA is selected, there is no audio after switching to HDMI and disconnecting it at the same time |
| 6047  | After SW downgrade, the device is stuck in boot process. HW reset or power cycle solves it                                             |
| 7125  | AAO goes on-off-on several times when changing VGA resolution                                                                          |
| 7204  | When a 4K NEC UHD display is connected, the image shifts left                                                                          |
| 7294  | In a certain setup where the device is set to HDCP-on but connected to a non- HDCP display, there is noise on AAO.                     |
| 7312  | Noise on AAO after changing specific resolutions                                                                                       |
| 9265  | Endless switching when MacBook Pro enters sleep mode                                                                                   |
| 10514 | FW downgrade 2.0 to 1.17 causes WEB page malfunction. Workaround: Formatting filesystem before the downgrade resolves the issue        |
| 10529 | The volume changes from min -83 dB to max +24 dB and vice versa in 22sec                                                               |
| 10535 | Switching performance improvement                                                                                                      |
| 10975 | Control commands do not echo over HDBT                                                                                                 |
| 10976 | At power on, the speakers turn on-off-on when outputting embedded audio                                                                |
| 10983 | Test pattern is not applied correctly and causes loss of analog audio                                                                  |



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| QC ID | Deferred Bug Description                                                                                                               |
|-------|----------------------------------------------------------------------------------------------------------------------------------------|
| 10984 | In a certain scenario there is no picture on a Dell U2715                                                                              |
| 10986 | In a certain scenario no picture/audio on a Panasonic TV                                                                               |
| 10987 | Disabling the Audio Only mode via the web causes device malfunction                                                                    |
| 10988 | File system issues after upgrading DIP-20 from ver 1.17 to ver 2.5                                                                     |
| 10989 | In a certain case the VGA input LED lights green instead of red.                                                                       |
| 10998 | Device resets after changing a HDBT serial setting parameter                                                                           |
| 11000 | In audio only mode, when no video source is connected, there is no audio over the embedded speakers                                    |
| 11015 | The output turns off after selecting an unpopulated video input without waiting for the timeout expiration                             |
| 11106 | Disconnecting the analog audio doesn't change the HDMI input LED color from red to green.                                              |
| 11109 | Change status of LOCK EDID after powering up                                                                                           |
| 11110 | Inconsistent behavior of the 5V when disabling the audio only mode                                                                     |
| 11125 | Setting the VGA phase from the web page doesn't work properly                                                                          |
| 11138 | In a certain, color space setup fails on a DVI monitor                                                                                 |
| 11710 | In a certain setup, Control commands are executed during "HDBT Tunneling from Data Port"                                               |
| 11718 | Rarely, if irrelevant data added to "application.min.js" during FW upgrade and the webpage can't be opened, need to re-run the upgrade |
| 11726 | "Control External settings" upgrade is not saved after FW upgrade                                                                      |



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## Release Notes History

### Known Limitations (including compatibility limitations):

| QC ID | Limitation Description                                                                                                          |
|-------|---------------------------------------------------------------------------------------------------------------------------------|
| 5913  | After storing a screen EDID, the unit does not send hot-plug to the source                                                      |
| 5957  | There are no scroll bars when the browser window is resized                                                                     |
| 5958  | Timeout values that start with 0 update the value in octal instead of decimal values                                            |
| 5968  | Step-In master mute doesn't work                                                                                                |
| 5973  | It is possible to change the volume by button while the audio is muted                                                          |
| 6014  | WEB doesn't support *.kpt upload                                                                                                |
| 6015  | Audio from HDCP signal plays on an analog speaker when HDCP non-compliant monitor is sink                                       |
| 6017  | DELL 1708 (native resolution is 1280x1024p, 60Hz) - Shifted picture on 1280x720-60.                                             |
| 6019  | Issues with HDMI cable 15m                                                                                                      |
| 6021  | The device supports a single browser                                                                                            |
| 6022  | WEB: resizing of browser window hides some parts                                                                                |
| 6024  | HDCP-STAT for input returns "0" despite an encrypted input signal, and there's a sound on analog output - when HDCP is disabled |
| 6026  | Panasonic TV: One video flickers when switching from PC to HDMI                                                                 |
| 6027  | Video signal flickering at VGA 1024X768-60 resolution with CPHD-3A generator                                                    |
| 6030  | WEB GUI: There is no scroll option in the tabs panel                                                                            |
| 6033  | Show native 4K resolution on VGA Input (EDID)                                                                                   |
| 6034  | In a certain setup, audio/video flickers one time on power-on.                                                                  |
| 6037  | When enabling/ disabling DHCP, the device IP changes, and the web loses the connection with the device.                         |
| 6040  | When uploading a configuration over a port that is currently in use, a failure message is received.                             |
| 6041  | The device transfers the analog audio without HDMI video source when only the SINK is connected                                 |
| 6055  | In a specific setup, when receiving embedded audio, the green LED of HDMI is on instead of the red LED of DVI.                  |
| 6390  | AAO on-off-on on a specific scenario                                                                                            |
| 10971 | The device does not respond (loops reset) when downgrading to the released version                                              |

**Preceding Version:** F – 2.6.39375



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## Release Notes History

**Product Name:** DIP-20

**Current Version:**

| Type     | Number    | Date     |
|----------|-----------|----------|
| Firmware | 2.6.39375 | Aug 2017 |
| Software | –         | –        |
| Web      | –         | –        |
| Hardware | –         | –        |

**RN Date:** Aug 2017

**Reference:** 12701

### Kramer Product Affected:

| Product Name | Minimum FW Version for Upgrade | Recommended for All Units | Only if Added Features are Required |
|--------------|--------------------------------|---------------------------|-------------------------------------|
| DIP-20       | Any                            | Yes                       | N/A                                 |
|              |                                |                           |                                     |

### Technical Notes:

- Various bugs were fixed.

### Codependency with Other Products and Software:

- There is no codependency with other products or software.



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## Release Notes History

**Product Name:** DIP-20

**Current Version:**

| Type     | Number    | Date     |
|----------|-----------|----------|
| Firmware | 2.6.39375 | Aug 2017 |
| Software | –         | –        |
| Web      | –         | –        |
| Hardware | –         | –        |

**RN Date:** Aug 2017

**Reference:** 12701

The following changes were made in this version:

### Bugs Fixed:

| QC ID | Fixed Bug Description                         |
|-------|-----------------------------------------------|
|       | HDBaseT Link LED was fixed                    |
|       | Upgrade from version 1.14 problems were fixed |
|       | Fixing Ethernet issues                        |
|       | Improved connectivity with Cisco Switches     |

### Bugs to Fix in Future Versions:

| QC ID | Deferred Bug Description                                                                                                               |
|-------|----------------------------------------------------------------------------------------------------------------------------------------|
| 5936  | AV-SW-TIMEOUT works for all video/audio signal changes except for #1 and #3                                                            |
| 6036  | In a certain scenario the EDID is corrupted after copying to all the inputs                                                            |
| 6039  | When all the inputs are connected and VGA is selected, there is no audio after switching to HDMI and disconnecting it at the same time |
| 6047  | After SW downgrade, the device is stuck in boot process. HW reset or power cycle solves it                                             |
| 7125  | AAO goes on-off-on several times when changing VGA resolution                                                                          |
| 7204  | When a 4K NEC UHD display is connected, the image shifts left                                                                          |
| 7294  | In a certain setup where the device is set to HDCP-on but connected to a non- HDCP display, there is noise on AAO.                     |
| 7312  | Noise on AAO after changing specific resolutions                                                                                       |
| 9265  | Endless switching when MacBook Pro enters sleep mode                                                                                   |
| 10514 | FW downgrade 2.0 to 1.17 causes WEB page malfunction. Workaround: Formatting filesystem before the downgrade resolves the issue        |
| 10529 | The volume changes from min -83 dB to max +24 dB and vice versa in 22sec                                                               |
| 10535 | Switching performance improvement                                                                                                      |
| 10975 | Control commands do not echo over HDBT                                                                                                 |



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| QC ID | Deferred Bug Description                                                                                                               |
|-------|----------------------------------------------------------------------------------------------------------------------------------------|
| 10976 | At power on, the speakers turn on-off-on when outputting embedded audio                                                                |
| 10983 | Test pattern is not applied correctly and causes loss of analog audio                                                                  |
| 10984 | In a certain scenario there is no picture on a Dell U2715                                                                              |
| 10986 | In a certain scenario no picture/audio on a Panasonic TV                                                                               |
| 10987 | Disabling the Audio Only mode via the web causes device malfunction                                                                    |
| 10988 | File system issues after upgrading DIP-20 from ver 1.17 to ver 2.5                                                                     |
| 10989 | In a certain case the VGA input LED lights green instead of red.                                                                       |
| 10998 | Device resets after changing a HDBT serial setting parameter                                                                           |
| 11000 | In audio only mode, when no video source is connected, there is no audio over the embedded speakers                                    |
| 11015 | The output turns off after selecting an unpopulated video input without waiting for the timeout expiration                             |
| 11106 | Disconnecting the analog audio doesn't change the HDMI input LED color from red to green.                                              |
| 11109 | Change status of LOCK EDID after powering up                                                                                           |
| 11110 | Inconsistent behavior of the 5V when disabling the audio only mode                                                                     |
| 11125 | Setting the VGA phase from the web page doesn't work properly                                                                          |
| 11138 | In a certain, color space setup fails on a DVI monitor                                                                                 |
| 11710 | In a certain setup, Control commands are executed during "HDBT Tunneling from Data Port"                                               |
| 11718 | Rarely, if irrelevant data added to "application.min.js" during FW upgrade and the webpage can't be opened, need to re-run the upgrade |
| 11726 | "Control External settings" upgrade is not saved after FW upgrade                                                                      |



## Release Notes History

### Known Limitations (including compatibility limitations):

| QC ID | Limitation Description                                                                                                          |
|-------|---------------------------------------------------------------------------------------------------------------------------------|
| 5913  | After storing a screen EDID, the unit does not send hot-plug to the source                                                      |
| 5957  | There are no scroll bars when the browser window is resized                                                                     |
| 5958  | Timeout values that start with 0 update the value in octal instead of decimal values                                            |
| 5968  | Step-In master mute doesn't work                                                                                                |
| 5973  | It is possible to change the volume by button while the audio is muted                                                          |
| 6014  | WEB doesn't support *.kpt upload                                                                                                |
| 6015  | Audio from HDCP signal plays on an analog speaker when HDCP non-compliant monitor is sink                                       |
| 6017  | DELL 1708 (native resolution is 1280x1024p, 60Hz) - Shifted picture on 1280x720-60.                                             |
| 6019  | Issues with HDMI cable 15m                                                                                                      |
| 6021  | The device supports a single browser                                                                                            |
| 6022  | WEB: resizing of browser window hides some parts                                                                                |
| 6024  | HDCP-STAT for input returns "0" despite an encrypted input signal, and there's a sound on analog output - when HDCP is disabled |
| 6026  | Panasonic TV: One video flickers when switching from PC to HDMI                                                                 |
| 6027  | Video signal flickering at VGA 1024X768-60 resolution with CPHD-3A generator                                                    |
| 6030  | WEB GUI: There is no scroll option in the tabs panel                                                                            |
| 6033  | Show native 4K resolution on VGA Input (EDID)                                                                                   |
| 6034  | In a certain setup, audio/video flickers one time on power-on.                                                                  |
| 6037  | When enabling/ disabling DHCP, the device IP changes, and the web loses the connection with the device.                         |
| 6040  | When uploading a configuration over a port that is currently in use, a failure message is received.                             |
| 6041  | The device transfers the analog audio without HDMI video source when only the SINK is connected                                 |
| 6055  | In a specific setup, when receiving embedded audio, the green LED of HDMI is on instead of the red LED of DVI.                  |
| 6390  | AAO on-off-on on a specific scenario                                                                                            |
| 10971 | The device does not respond (loops reset) when downgrading to the released version                                              |

**Preceding Version:** F: 2.5.36329



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## Release Notes History

**Product Name:** DIP-20

**Current Version:**

| Type     | Number    | Date     |
|----------|-----------|----------|
| Firmware | 2.5.36329 | May 2017 |
| Software | –         | –        |
| Web      | –         | –        |
| Hardware | –         | –        |

**RN Date:** May 2017

**Reference:** 12473

### Kramer Product Affected:

| Product Name | Minimum FW Version for Upgrade | Recommended for All Units | Only if Added Features are Required |
|--------------|--------------------------------|---------------------------|-------------------------------------|
| DIP-20       | Any                            | Yes                       | N/A                                 |
|              |                                |                           |                                     |

### Technical Notes:

- Analog Audio Only feature is now configurable.

### Codependency with Other Products and Software:

- There is no codependency with other products or software.



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## Release Notes History

**Product Name:** DIP-20

**Current Version:**

| Type     | Number    | Date     |
|----------|-----------|----------|
| Firmware | 2.5.36329 | May 2017 |
| Software | –         | –        |
| Web      | –         | –        |
| Hardware | –         | –        |

**RN Date:** May 2017

**Reference:** 12473

The following changes were made in this version:

### Modifications:

| QC ID | Modification Description                      |
|-------|-----------------------------------------------|
|       | Analog Audio Only feature is now configurable |

### Bugs Fixed:

| QC ID | Fixed Bug Description                                                                                      |
|-------|------------------------------------------------------------------------------------------------------------|
| 10423 | After loading the non-Maestro version of the CPLD - the device enters an endless loop of resets            |
| 10442 | Control Settings page - error in tool tip for RS232                                                        |
| 10445 | If FPGA-VER? 1 returns 1,3,0 then the CPLD_FEATURES_OFFSET: 0x1 should be ignored                          |
| 10447 | Remote Device Control power off ignores the time set for Delay power off 5v upon signal loss configuration |
| 10519 | WEB: no RESET command in Factory Reset process.                                                            |
| 10527 | VGA phase correction by dry contacts on back panel does not work.                                          |
| 10530 | WEB: It is possible to change the volume by button while the audio is MUTED.                               |
| 10537 | AAO disappears when non-active video input disconnected.                                                   |

### Bugs to Fix in Future Versions:

| QC ID | Deferred Bug Description                                                                                                               |
|-------|----------------------------------------------------------------------------------------------------------------------------------------|
| 5936  | AV-SW-TIMEOUT works for all video/audio signal changes except for #1 and #3                                                            |
| 6036  | In a certain scenario the EDID is corrupted after copying to all the inputs                                                            |
| 6039  | When all the inputs are connected and VGA is selected, there is no audio after switching to HDMI and disconnecting it at the same time |



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| QC ID | Deferred Bug Description                                                                                                        |
|-------|---------------------------------------------------------------------------------------------------------------------------------|
| 6047  | After SW downgrade, the device is stuck in boot process. HW reset or power cycle solves it                                      |
| 7125  | AAO goes on-off-on several times when changing VGA resolution                                                                   |
| 7204  | When a 4K NEC UHD display is connected, the image shifts left                                                                   |
| 7294  | In a certain setup where the device is set to HDCP-on but connected to a non- HDCP display, there is noise on AAO.              |
| 7312  | Noise on AAO after changing specific resolutions                                                                                |
| 9265  | Endless switching when MacBook Pro enters sleep mode                                                                            |
| 10514 | FW downgrade 2.0 to 1.17 causes WEB page malfunction. Workaround: Formatting filesystem before the downgrade resolves the issue |
| 10529 | The volume changes from min -83 dB to max +24 dB and vice versa in 22sec                                                        |
| 10535 | Switching performance improvement                                                                                               |
| 10975 | Control commands do not echo over HDBT                                                                                          |
| 10976 | At power on, the speakers turn on-off-on when outputting embedded audio                                                         |
| 10983 | Test pattern is not applied correctly and causes loss of analog audio                                                           |
| 10984 | In a certain scenario there is no picture on a Dell U2715                                                                       |
| 10986 | In a certain scenario no picture/audio on a Panasonic TV                                                                        |
| 10987 | Disabling the Audio Only mode via the web causes device malfunction                                                             |
| 10988 | File system issues after upgrading DIP-20 from ver 1.17 to ver 2.5                                                              |
| 10989 | In a certain case the VGA input LED lights green instead of red.                                                                |
| 10998 | Device resets after changing a HDBT serial setting parameter                                                                    |
| 11000 | In audio only mode, when no video source is connected, there is no audio over the embedded speakers                             |
| 11015 | The output turns off after selecting an unpopulated video input without waiting for the timeout expiration                      |
| 11106 | Disconnecting the analog audio doesn't change the HDMI input LED color from red to green.                                       |
| 11109 | Change status of LOCK EDID after powering up                                                                                    |
| 11110 | Inconsistent behavior of the 5V when disabling the audio only mode                                                              |
| 11125 | Setting the VGA phase from the web page doesn't work properly                                                                   |
| 11138 | In a certain, color space setup fails on a DVI monitor                                                                          |



## Release Notes History

### Known Limitations (including compatibility limitations):

| QC ID | Limitation Description                                                                                                          |
|-------|---------------------------------------------------------------------------------------------------------------------------------|
| 5913  | After storing a screen EDID, the unit does not send hot-plug to the source                                                      |
| 5957  | There are no scroll bars when the browser window is resized                                                                     |
| 5958  | Timeout values that start with 0 update the value in octal instead of decimal values                                            |
| 5968  | Step-In master mute doesn't work                                                                                                |
| 5973  | It is possible to change the volume by button while the audio is muted                                                          |
| 6014  | WEB doesn't support *.kpt upload                                                                                                |
| 6015  | Audio from HDCP signal plays on an analog speaker when HDCP non-compliant monitor is sink                                       |
| 6017  | DELL 1708 (native resolution is 1280x1024p, 60Hz) - Shifted picture on 1280x720-60.                                             |
| 6019  | Issues with HDMI cable 15m                                                                                                      |
| 6021  | The device supports a single browser                                                                                            |
| 6022  | WEB: resizing of browser window hides some parts                                                                                |
| 6024  | HDCP-STAT for input returns "0" despite an encrypted input signal, and there's a sound on analog output - when HDCP is disabled |
| 6026  | Panasonic TV: One video flickers when switching from PC to HDMI                                                                 |
| 6027  | Video signal flickering at VGA 1024X768-60 resolution with CPHD-3A generator                                                    |
| 6030  | WEB GUI: There is no scroll option in the tabs panel                                                                            |
| 6033  | Show native 4K resolution on VGA Input (EDID)                                                                                   |
| 6034  | In a certain setup, audio/video flickers one time on power-on.                                                                  |
| 6037  | When enabling/ disabling DHCP, the device IP changes, and the web loses the connection with the device.                         |
| 6040  | When uploading a configuration over a port that is currently in use, a failure message is received.                             |
| 6041  | The device transfers the analog audio without HDMI video source when only the SINK is connected                                 |
| 6055  | In a specific setup, when receiving embedded audio, the green LED of HDMI is on instead of the red LED of DVI.                  |
| 6390  | AAO on-off-on on a specific scenario                                                                                            |
| 10971 | The device does not respond (loops reset) when downgrading to the released version                                              |

**Preceding Version:** F – 1.17



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## Release Notes History

**Product Name:** DIP-20

**Current Version:**

| Type     | Number | Date       |
|----------|--------|------------|
| Firmware | 1.17   | April 2017 |
| Software | –      | –          |
| Web      | –      | –          |
| Hardware | –      | –          |

**RN Date:** April 2017

**Reference:** 11483

The following changes were made in this version:

### Bugs Fixed:

| QC ID | Fixed Bug Description                                                                                                                                             |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6044  | Popping noise when closing the MacBook pro                                                                                                                        |
| 6038  | Audio pop on embedded audio after analog audio disconnected.                                                                                                      |
| 6016  | DELL 1708FP, Panasonic TV, Hitachi Projector, Sony Video Control Center - Audio noises on resolution change - mostly on changing from higher to lower resolution. |
| 6246  | Noise from Analog output(by using PS3)                                                                                                                            |
| 9295  | The device get stuck when uploading a configuration file                                                                                                          |
| 9370  | Analog audio out gain is not set to 0dB properly                                                                                                                  |

### Bugs to Fix in Future Versions:

| QC ID                  | Deferred Bug Description                                                                                                      |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 6036                   | In a certain scenario the EDID is corrupted after copying to all the inputs                                                   |
| 6039                   | When all the inputs are connected and VGA is selected, no audio after switching to HDMI and disconnecting it at the same time |
| 6047                   | After SW downgrade, the device is stuck in boot process. HW reset or power cycle solves it                                    |
| 7125, 7265, 7294, 7312 | After resolutions change AAO is noisy for some seconds                                                                        |
| 8300                   | When VGA is connected, phase correction settings are not stored properly                                                      |



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## Release Notes History

### Known Limitations (including compatibility limitations):

| QC ID            | Limitation Description                                                                                                           |
|------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 5936             | AV-SW-TIMEOUT works for all video/audio signal changes except for new video signal detected and audio signal detected            |
| 5957, 6022       | When browser resizing, there is no scroll bar and some parts in the webpage are hidden                                           |
| 5958             | Timeout values that start with 0 update the value in Octal values instead of Decimal values                                      |
| 6014             | WEB doesn't support *.kpt upload                                                                                                 |
| 6021             | The device supports a single browser                                                                                             |
| 6023, 6026, 6034 | After powering on- off and disconnecting the audio analog input, the video signals flickers one time                             |
| 6024             | HDCP-STAT for input returns "0" despite of encrypted input signal, and there's a sound on analog output - when HDCP is disabled. |
| 6033             | Show native 4K resolution on VGA Input (EDID)                                                                                    |
| 6037             | When enabling/ disabling DHCP, the IP device changes, and the web loses the connection with the device                           |

**Preceding Version:** F - 1.14.29904



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## Release Notes History

**Product Name:** DIP-20

**Current Version:**

| Type     | Number     | Date        |
|----------|------------|-------------|
| Firmware | 1.14.29904 | August 2016 |
| Software | –          | –           |
| Web      | 2.0.13     | August 2016 |
| Hardware | –          | –           |

**RN Date:** August 2016

**Reference:** 10975

The following changes were made in this version:

### New Features:

|  | Description                                                                                 |
|--|---------------------------------------------------------------------------------------------|
|  | RS-232 over twisted pair was added. The new feature is explained in the updated User Manual |

### Bugs Fixed:

| QC ID | Description                                                 |
|-------|-------------------------------------------------------------|
| 5926  | Analog audio out discontinued one time on specific scenario |
|       |                                                             |

### Bugs to Fix in Future Version:

| QC ID                     | Description                                                                            |
|---------------------------|----------------------------------------------------------------------------------------|
| 6036                      | After EDID from DELL-U2713HM was copied to all inputs of WP-5VH2 it appears corrupted. |
| 6039                      | No audio on specific scenario.                                                         |
| 6044                      | Popping noise when closing the MacBook pro.                                            |
| 6047                      | Device is stuck in boot process after SW downgrade.                                    |
| 7125, 7265,<br>7294, 7312 | Analog audio output noise problems                                                     |
| 8300                      | Phase correction settings do not store properly.                                       |



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## Release Notes History

### Known Limitations (including compatibility limitations):

| QC ID            | Description                                                                                                            |
|------------------|------------------------------------------------------------------------------------------------------------------------|
| 5936             | AV-SW-TIMEOUT works for all video/audio signal changes except for new video signal detected and audio signal detected. |
| 5957, 6022       | Browser resizing problems.                                                                                             |
| 5958             | Timeout values that start with 0 update the value incorrectly.                                                         |
| 6014             | WEB: FW cannot upgrade via WEB.                                                                                        |
| 6021             | WEB: no limitation on browser connections.                                                                             |
| 6023, 6026, 6034 | Video flickering problems.                                                                                             |
| 6024             | HDCP-STAT? for input returns "0" when HDCP is disabled despite an encrypted input signal.                              |
| 6033             | Show native 4K resolution on VGA Input (EDID).                                                                         |
| 6037             | WEB: issues with DHCP setting.                                                                                         |
| 6038             | Audio pop on embedded audio after analog audio disconnected.                                                           |

**Preceding Version:** F - 1.9.25164, Web - 2.0.9



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## Release Notes History

Product Name: DIP-20  
Current Version: F - 1.9.25164, Web - 2.0.9  
Version Date: January 2016  
Reference: 9693

The following changes were made in this version:

### Modifications:

- Switching time was improved.

### Bugs to Fix in Future Version:

| QC ID | Description                                                              |
|-------|--------------------------------------------------------------------------|
| 6036  | ELL-U2713HM was copied to all inputs of WP-5VH2 it appears corrupted     |
| 6039  | No audio on specific scenario.                                           |
| 6044  | "PAK" noise when closing the MacBook pro.                                |
| 6390  | AAO ON-OFF-ON on specific scenario.                                      |
| 7125  | AAO on-off-on several times on VGA resolution changing.                  |
| 7204  | DIP-20 VGA input functions poorly when connected to a 4k NEC UHD display |
| 7265  | AAO noise on HDMI resolution changing.                                   |
| 7294  | Noise on AAO when SINK goes STBY.                                        |
| 7312  | Endless noise on AAO after specific resolution changing.                 |

### Known Issues:

- AV-SW-TIMEOUT works for all video/audio signal changes except for:  
#1 - New video signal detected and #3 - Audio signal detected:

#AV-SW-TIMEOUT 1,11 ~01@AV-SW-TIMEOUT 1 ERR 003

#AV-SW-TIMEOUT 3,11 ~01@AV-SW-TIMEOUT 3 ERR 003

**Preceding Version:** NP – 1.0



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## Release Notes History

**Product Name:** DIP-20

**Preceding Version:** NP – 1.0

**Version Date:** December 2015

**Reference:** 7756

This is a release note for a new product.

### Bugs to Fix in Future Version:

| QC ID | Description                                                              |
|-------|--------------------------------------------------------------------------|
| 7265  | Short noise when switching resolutions                                   |
| 7204  | Switching time to VGA when connected to 4K display might increase        |
| 7335  | Sometimes EDID copy might fail                                           |
| 7369  | There might be noise on the analog audio input when plugging in the jack |
| 7294  | Noise on AAO when display enter to STBY                                  |

### Known Issues:

- AV-SW-TIMEOUT works for all video/audio signal changes except for:  
#1 - New video signal detected and #3 - Audio signal detected:

#AV-SW-TIMEOUT 1,11 ~01@AV-SW-TIMEOUT 1 ERR 003

#AV-SW-TIMEOUT 3,11 ~01@AV-SW-TIMEOUT 3 ERR 003

Preceding Version: N/A



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