Previous Rio1608-D2 Firmware version information

V1.83

Fixed bugs in V1.83

- Solved a rare problem in which these devices interfered with TCP communication of other networked devices when used together with a DHCP server and those devices were rebooted.

Fixed bugs in V1.82

- Solved the following problems:
    - The HA GAIN is not always set correctly when loading a console file or starting the system.
    - When used with a RIVAGE PM system, adjusting the HA GAIN quickly may shift the value a little in the opposite direction.

Fixed bugs in V1.81

- Solved a problem that occurred in a system where both Rio3224-D2 and Rio1608-D2 were mounted on the CL, QL, or RIVAGE PM, in which in rare cases, if the Rio3224-D2 and Rio1608-D2 were turned on simultaneously, the HA parameters of Inputs CH17 to CH32 on the Rio3224-D2 would return to their default values regardless of the values set when launching the system or recalling a scene.

Changes in V1.80

- V1.80 supports a parts change. Hardware revised due to the parts change have "A" marked next to the model number on the serial number label, and these products cannot be downgraded to versions earlier than V1.80.

Rio3224-D2 A   J

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4957812613248
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SER No.

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JEDX11002
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Fixed bugs in V1.80

- Solved a problem in which the display was turned off and would not return after continuous operation for 40 days or longer.

Known issue

- If a device running V1.83 or later has been enrolled in Dante Domain Manager and then is downgraded to V1.82 or earlier, the Dante module may occasionally not work correctly and control of the module is not possible.
  In the event of this happening, either re-enroll the device in Dante Domain Manager and then restart it, or initialize the device.

Notices

- Due to a parts change, some specifications are altered.
  Products with "A" marked next to the model name on the serial number label have the following specification changes from the original products (without the "A" mark):
  Input +18 samples, Output +1 sample.
- One Rio3224-D2/Rio1608-D2 unit can be remotely controlled from a maximum of six computers operating R Remote. One Rio3224-D2/Rio1608-D2 unit can be remotely controlled from a maximum of four separate CL/QL/RIVAGE PM consoles.

- When setting up latency on the Dante Controller, and there is a discrepancy in latency with the transmit device or the receive device, the largest (slowest) latency setting becomes effective.
- On the CL/QL, the following device labels are used for detecting a SUPPORTED DEVICE.
  - Y###-**********
  - # is a three-digit hexadecimal number containing the digits 0 - 9 and uppercase A - F (000 - FFF)
  - * indicates any desired character (alphabetical uppercase or lowercase, numerals, or - (hyphen) may be used) Up to 31 characters including the 'Y' are supported.
  - Make sure that the UNIT ID indicated by Y###- is not duplicated by any other R-series unit, or any other Rio3224-D2/Rio1608-D2. (### indicates the UNIT ID value).
  - However, as an example, a CL/QL series Console ID can have the same ID number as an R-series device.

V1.82

Fixed bugs in V1.82

- Solved the following problems:
  - The HA GAIN is not always set correctly when loading a console file or starting the system.
  - When used with a RIVAGE PM system, adjusting the HA GAIN quickly may shift the value a little in the opposite direction.

Fixed bugs in V1.81

- Solved a problem that occurred in a system where both Rio3224-D2 and Rio1608-D2 were mounted on the CL, QL, or RIVAGE PM, in which in rare cases, if the Rio3224-D2 and Rio1608-D2 were turned on simultaneously, the HA parameters of Inputs CH17 to CH32 on the Rio3224-D2 would return to their default values regardless of the values set when launching the system or recalling a scene.

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Rio3224-D2   A   J

4957912613246

SER No.

JE X1002

Fixed bugs in V1.80

- Solved a problem in which the display was turned off and would not return after continuous operation for 40 days or longer.

Notices

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- * indicates any desired character (alphabetical uppercase or lowercase, numerals, or - (hyphen) may be used) Up to 31 characters including the 'Y' are supported.
- Make sure that the UNIT ID indicated by Y###- is not duplicated by any other R-series unit, or any other Rio3224-D2/Rio1608-D2. (### indicates the UNIT ID value).
- However, as an example, a CL/QL series Console ID can have the same ID number as an R-series device.
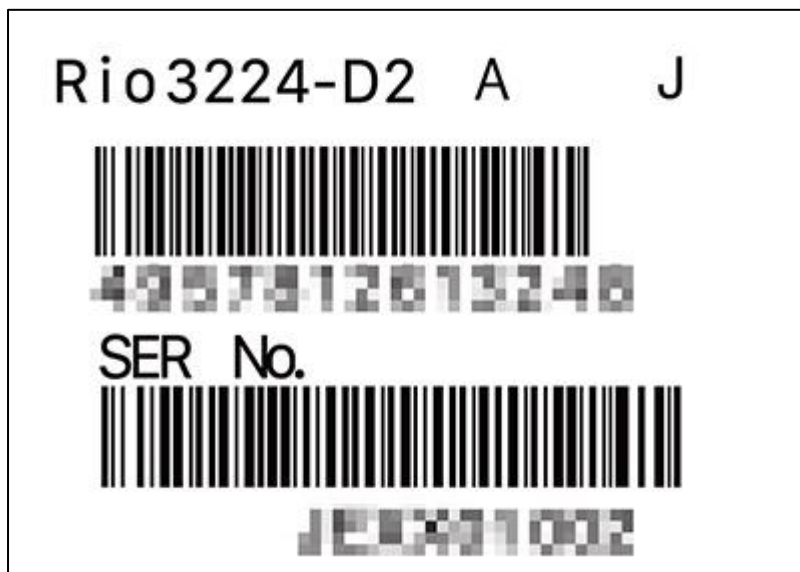
V1.81

Fixed bugs in V1.81

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Changes in V1.80

- V1.80 supports a parts change. Hardware revised due to the parts change have "A" marked next to the model number on the serial number label, and these products cannot be downgraded to versions earlier than V1.80.

Fixed bugs in V1.80

- Solved a problem in which the display was turned off and would not return after continuous operation for 40 days or longer.

Notices

- Due to a parts change, some specifications are altered.
  Products with "A" marked next to the model name on the serial number label have the following specification changes from the original products (without the "A" mark):
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- When setting up latency on the Dante Controller, and there is a discrepancy in latency with the transmit device or the receive device, the largest (slowest) latency setting becomes effective.
- On the CL/QL, the following device labels are used for detecting a SUPPORTED DEVICE.

  - Y###-**********
  - # is a three-digit hexadecimal number containing the digits 0 - 9 and uppercase A - F (000 - FFF)
  - * indicates any desired character (alphabetical uppercase or lowercase, numerals, or - (hyphen) may be used) Up to 31 characters including the 'Y' are supported.
  - Make sure that the UNIT ID indicated by Y###- is not duplicated by any other R-series unit, or any other Rio3224-D2/Rio1608-D2. (### indicates the UNIT ID value).
  - However, as an example, a CL/QL series Console ID can have the same ID number as an R-series device.

V1.70

New features in V1.70

- Added support for SMPTE mode* (ST2110-30 clocking) in Dante Domain Manager (DDM). Please note, once a Dante device is enrolled in DDM, various device settings cannot be altered, including Word Clock, Preferred Master and Latency settings. To alter such setting

using the console, the Dante device must first be un-enrolled from the Domain and then use Dante Controller to 'Clear Domain Credentials'.

*With SMPTE mode enabled in DDM, the domain is configured for SMPTE ST2110-30 clocking, enabling audio interoperability between Dante and non-Dante SMPTE devices.

Notices

- You can remotely control one Rio3224-D2/Rio1608-D2 unit from a maximum of six computers operating R Remote. You can also remotely control from four separate CL/QL/RIVAGE PM10/PM7 units.
- When setting up latency on the Dante Controller, and there is a discrepancy in latency with the transmit device or the receive device, the largest (slowest) latency setting becomes effective.
- On the CL/QL, the following device labels are used for detecting a SUPPORTED DEVICE.

    - Y###-**********
    - # is a three-digit hexadecimal number containing the digits 0 - 9 and uppercase A - F (000 - FFF)
    - * indicates any desired character (alphabetical uppercase or lowercase, numerals, or - (hyphen) may be used) Up to 31 characters including the 'Y' are supported.
    - Make sure that the UNIT ID indicated by Y###- is not duplicated by any other R-series unit, or any other Rio3224-D2/Rio1608-D2. (### indicates the UNIT ID value).
    - However, as an example, a CL/QL series Console ID can have the same ID number as an R-series device.

V1.51

Fixed bugs in V1.51

- Fixed the problem in which the following messages were improperly shown in the rare occasion after turning the power on.

V1.50

FPGA ACCESS ERROR

PLEASE RE-START THE SYSTEM

V1.30 or older

FPGA update is required. Now   version:r0.30b

Current version #1:V?.??p #2V?.??p #3: V?.??p #4: V?.??p

Start writing?

- Solved some minor problems.

New feature in V1.50

- Now supports System Monitoring of ProVisionaire Control.

Fixed bugs in V1.50

- Solved some minor bugs.

Notices

- You can remotely control one Rio3224-D2/Rio1608-D2 unit from a maximum of six computers operating R Remote. You can also remotely control from four separate CL/QL/RIVAGE PM10/PM7 units.
- When setting up latency on the Dante Controller, and there is a discrepancy in latency with the transmit device or the receive device, the largest (slowest) latency setting becomes effective.
- On the CL/QL, the following device labels are used for detecting a SUPPORTED DEVICE.

    o Y###-**********
    o # is a three-digit hexadecimal number containing the digits 0 - 9 and uppercase A - F (000 - FFF)
    o * indicates any desired character (alphabetical uppercase or lowercase, numerals, or - (hyphen) may be used) Up to 31 characters including the 'Y' are supported.
    o Make sure that the UNIT ID indicated by Y###- is not duplicated by any other R-series unit, or any other Rio3224-D2/Rio1608-D2. (### indicates the UNIT ID value).
    o However, as an example, a CL/QL series Console ID can have the same ID number as an R-series device.

V1.50

New feature in V1.50

- Now supports System Monitoring of ProVisionaire Control.

Fixed bugs in V1.50

- Solved some minor bugs.

Notices

- You can remotely control one Rio3224-D2/Rio1608-D2 unit from a maximum of six computers operating R Remote. You can also remotely control from four separate CL/QL/RIVAGE PM10/PM7 units.
- When setting up latency on the Dante Controller, and there is a discrepancy in latency with the transmit device or the receive device, the largest (slowest) latency setting becomes effective.
- On the CL/QL, the following device labels are used for detecting a SUPPORTED DEVICE.
  - Y###-**********
  - # is a three-digit hexadecimal number containing the digits 0 - 9 and uppercase A - F (000 - FFF)
  - * indicates any desired character (alphabetical uppercase or lowercase, numerals, or - (hyphen) may be used) Up to 31 characters including the 'Y' are supported.
  - Make sure that the UNIT ID indicated by Y###- is not duplicated by any other R-series unit, or any other Rio3224-D2/Rio1608-D2. (### indicates the UNIT ID value).
  - However, as an example, a CL/QL series Console ID can have the same ID number as an R-series device.

V1.30

Fixed bugs in V1.30

- Solved some minor bugs.

Notices

- You can remotely control one Rio3224-D2/Rio1608-D2 unit from a maximum of six computers operating R Remote. You can also remotely control from four separate CL/QL/RIVAGE PM10/PM7 units.

- When setting up latency on the Dante Controller, and there is a discrepancy in latency with the transmit device or the receive device, the largest (slowest) latency setting becomes effective.

- On the CL/QL, the following device labels are used for detecting a SUPPORTED DEVICE.
  - Y###-**********
  - # is a three-digit hexadecimal number containing the digits 0 - 9 and uppercase A - F (000 - FFF)
  - * indicates any desired character (alphabetical uppercase or lowercase, numerals, or - (hyphen) may be used) Up to 31 characters including the 'Y' are supported.
  - Make sure that the UNIT ID indicated by Y###- is not duplicated by any other R-series unit, or any other Rio3224-D2/Rio1608-D2. (### indicates the UNIT ID value).
  - However, as an example, a CL/QL series Console ID can have the same ID number as an R-series device.

V1.20

New features in V1.20

- Now supports the long latency for Dante Domain Manager.

Fixed bugs in V1.20

- Fixed the problem in which it takes time for the HA Gain changes to be updated when multiple Rio-D2 units are mounted.
- Fixed the problem in which the HA Gain parameters occasionally become uncontrollable when multiple Rio-D2 units are mounted.

Notices

- You can remotely control one Rio3224-D2/Rio1608-D2 unit from a maximum of five computers operating R Remote. You can also remotely control from four separate CL/QL units.
- When setting up latency on the Dante Controller, and there is a discrepancy in latency with the transmit device or the receive device, the largest (slowest) latency setting becomes effective.

- If the DIP switch REMOTE setting is switched between NATIVE and AD8HR, the device label is set to the default value, and the patch is also cleared.

- On the CL/QL, the following device labels are used for detecting a SUPPORTED DEVICE. Y###-**********

  # is a three-digit hexadecimal number containing the digits 0 - 9 and uppercase A - F (000 - FFF)

  * indicates any desired character (alphabetical uppercase or lowercase, numerals, or (hyphen) may be used) Up to 31 characters including the 'Y' are supported.

  Make sure that the UNIT ID indicated by Y###- is not duplicated by any other R-series unit, or any other Rio3224-D2/Rio1608-D2. (### indicates the UNIT ID value).

  However, as an example, a CL/QL series Console ID can have the same ID number as an R-series device.

V1.10

New features in V1.10

- Now supports Dante Domain Manager.

- Now supports remote control from RIVAGE PM10/PM7, CL, and QL.
  Make sure to use RIVAGE PM10/PM7 V2.02/CL V4.5/QL V4.5 or later.