

# Release Notes | RedNet Control 2.3.3

- RedNet Control 2 Supports:
  - Mac:
    - OS X 10.11 (El Capitan)
    - macOS 10.12 (Sierra)
    - macOS 10.13 (High Sierra)
    - macOS 10.14 (Mojave)
- Dante Controller:
  - Dante Controller is bundled with RedNet Control 2, however it is important to check if it is also compatible with your Operating System before installing: <https://www.audinate.com/products/software/dante-controller>

## Changes since last release:

- Updates Mac driver for Red 4Pre/8Pre/16Line to version 4.6.2, fixes issue where device could revert to incorrect clock source.

## RedNet Firmware

- RedNet Firmware
  - Brooklyn 1: v1536
  - Brooklyn 2: v1845
  - RedNet X2P: v2037
- Brooklyn Firmware
  - Brooklyn 1: SW 3.7.3.1 / FW 3.3.9.1
  - Brooklyn 2: SW 3.10.0.19 / FW 4.0.2.1
- Ultimo Firmware
  - Ultimo: SW 3.10.1.12 / FW 1.0.0.2
    - (Non-automatic update - See 'Important Notes' for more information)
- Ultimo X Firmware
  - Ultimo X: SW 3.10.1.12 / FW 1.0.0.2
    - (Non-automatic update - See 'Important Notes' for more information)
- PCIe/PCIeR Firmware

- PCIe/PCIeR: SW 3.10.0.9 / FW 4.2.0.4

## Red Firmware and Drivers

- Red Firmware
  - Device: v958/951/230
  - Brooklyn 2: v1855
- Thunderbolt Driver
  - Driver: v4.6.2
- Brooklyn Firmware
  - Brooklyn 2: SW 4.0.8.2 / FW 4.0.2.7

## Important Notes

- All Red devices will now default to Redundant Mode, if you are using Dante Port 2 for daisy-chaining (Switched Mode) then this can be changed by in Dante Controller:
  - Open Dante Controller.
  - Double-click on the device that you wish to change from Redundant to Switched Mode.
  - Navigate to the 'Network Config' tab.
  - Under the header 'Dante Redundancy', change the option from 'Redundant' to 'Switched'.
  - Reboot the device.
- Please ensure that the Red 4Pre, Red 8Pre and Red16Line has updated firmware by connecting the Thunderbolt and Ethernet cables - the device will not be usable with RedNet Control 2 until both the Thunderbolt and Dante firmware has gone through a firmware update.
- Red 4Pre, Red 8Pre and Red 16Line are no longer supported by Focusrite Control. If there is a version of Focusrite Control already installed on your computer which currently supports these devices, then the RedNet Control 2 installer will ask to uninstall it in order to complete the RedNet Control 2 install.
- In order for the device to work as expected, please upgrade both the Red firmware (using a Thunderbolt cable) and Dante firmware (using an Ethernet cable). If you are not using Dante,

then you will not require an Ethernet connection again once firmware upgrade has completed.

- Only one Red Thunderbolt Device can be connected at any one time.
- During installation, a dialog can appear from Audinate's "Dante Control and Monitoring Installer" about firewall settings on Windows 8. Please manually confirm your firewall settings allow Dante Control & Monitoring through the firewall.
- For Brooklyn 1 devices that are currently on Firmware Version 3.4, please follow these steps to upgrade your device: <https://us.focusrite.com/downloads/rednet-34-to-37-firmware-update-rednet-1-5-only>
- There is a firmware update available for RedNet AM2 which will enable the Audinate 3.10 Firmware which includes Dante Lockout. To access this file, see instructions below and update using Dante Firmware Update Manager:
  - Retrieve "ult-01-002-3.10.1.12.dnt" from the RedNet Control 2 installation.
    - **Mac:** Applications/RedNet Control 2.app (Right Click "Show Package Contents")  
Contents/MacOS/Firmware/"ult-01-002-3.10.1.12.dnt"
    - **Windows:** Program Files (x86)/RedNet Control 2/Firmware/"ult-01-002-3.10.1.12.dnt"
  - Dante Firmware Update Manager can be downloaded here: <https://www.audinate.com/products/firmware-update-manager>

## Known Issues

- RedNet AM2: When a signal is present on Channel 2 and not on Channel 1, RedNet Control will not show signal metering on Channel 2.
- Defaults message from Pro Tools does not clear linked channels on RedNet 4.

## New Features in RedNet Control 2.3

- **Red Range Thunderbolt Support**
  - The introduction of the Red Range to RedNet Control 2
    - Support for Red 4Pre

- Support for Red 8Pre
  - Support for Red 16Line
  - Newly designed GUI and layout
    - I/O Control and Metering View
      - Meter all channels on one page without the need for scrolling
      - Control all analogue input gains and parameters
      - Control all analogue output levels
    - Monitor View
      - Group Analogue Outputs to the Monitor Fader/Encoder for overall level control
    - Input Routing View
      - Input routing selection available for all Sample Rate bands
    - Output Routing View
      - Output routing selection available.
      - Now assign a single Custom Mix to multiple outputs
    - Custom Mix View
      - New layout provides a mixer view
        - Add channels to the mixer using a new and improved channel selection bar
        - Switch between Custom Mixes easily and quickly adjust faders
        - Rename Custom Mixes
    - Tools Menu
      - Have access to clocking and many other device settings
  - MIDI Control of preamps
    - MIDI Control now available for Red Range
  - iOS for Red
    - iOS functionality remains with RedNet Control 2 supporting the Focusrite Control app for the Red range
- **Functions & Shortcuts**
  - Input / Output Routing
    - Cascade Channels
      - Mac: Command, Option, Shift
  - Custom Mix - Clear Channels
    - Mac | CMD, N
  - Move between views (Red Range / RedNet 4 / RedNet MP8R)

- Mac | Arrow Keys
- Faders to minimum
  - Mac | Option, Click
- Faders to 0dB
  - Mac | Option, Shift, Click

## **New Features in RedNet Control 2.2**

- **RedNet X2P Support**
  - Support for the latest RedNet device.
- **New and improved Tab creation**
  - Now shows graphical representation of grid sizes
- **Functions & Shortcuts**
  - Apply selected mic pre parameter to all other mic pre channels on device
    - Mac: 'Option-Click'
    - Win: 'Alt-Click'
- **MIDI 1dB Steps (CC) Support**
  - RedNet 4 Support.
  - RedNet MP8R Support.
  - RedNet X2P Support.

## **New Features in RedNet Control 2.1**

- **AES67 Compatible**
  - All RedNet Brooklyn 2 devices along with RedNet PCIe/PCIeR are now AES67 Compatible.
- **Quick Recall**
  - Allocate a saved session or saved device file to the quick recall option
    - Have up to 16 recall options available and recallable via:
      - MIDI Note
      - SysEx
      - Program Change

- Keyboard Shortcut
- **Hot Swap Devices**
  - Hot swap a device by dragging it in to the place of another device of the same type that is no longer present on the network and adopt all of the parameters, tools menu setup, channel names, MIDI settings and Yamaha ID etc
    - Device name will not be adopted and routings will need to be created again in Dante Controller
- **Tab Updates**
  - Drag a device from one tab to another by hovering over it for automatic tab change
    - Drop on to a tab to fill the first available slot or drop in to a specific grid slot
  - Pull a tab from the main window and drop it to create new windows which can be used to see devices on other screens
    - Drag back to main window to reattach

## **New Features in RedNet Control 2.0**

RedNet Control 2 is a brand new software application from Focusrite which is based on a tab and grid structure allowing customised views, specific to each instance of RedNet Control 2 on the network. On opening RedNet Control 2, simply drag a device from the list on the left of the window in to a grid slot to get started - for more information on how to operate the software please read below for features, shortcuts and operation tips.

For support, please contact [focusriteprosupport@focusrite.com](mailto:focusriteprosupport@focusrite.com)

Below are features which are new to RedNet Control 2.0:

- **Custom Setups**
  - There can be several instances of RedNet Control 2.0 on the network - will update in real-time.
  - Device List
    - See all Dante devices on the network
    - Devices that exist in a tab will appear as italic.
    - Right-Click to show more options:
      - ID device
      - Rename device

- Device List Filter
  - Combine different filters to show specific devices.  
Filter the Device List by:
    - Clear All (clears all filters currently selected)
    - RedNet Devices (single or multiple device types)
    - Tabs (devices in a single or multiple tabs)
    - Not in Tab (devices which are not currently populating a tab)
    - Sample Rate (devices which have a specific sample rate)
    - Pull Up/Down (devices which have a specific Pull Up/Down rate)
    - Third Party (identify all third party Dante devices on the network)
- Device List Search Bar
  - Search the Device List for a specific name.
  - Will work along side filters, to only search through selected filters.
- Tabs
  - Create up to 50 fully customisable tabs
  - Select between different grid sizes
    - 3x4 - Show up to 12 devices per tab
    - 2x3 - Show up to 6 devices per tab
  - Rename and Rearrange order
  - Drop-Down menu accessed by right-clicking:
    - Rename Tab
    - Clear Absent Devices (Removes devices which are no longer on the network but are still populating a tab)
    - Clear All Devices (Clears all devices which are specific to selected tab)
    - *Tab Info (Coming Soon)*
    - *Tab Sample Rate (Coming Soon)*
- Grids
  - Drag and Drop a device from the Device List in to any grid slot within a tab to allow control and metering of selected device
    - Alternatively, select several devices using Shift (for large selection) or Command/Control (for individual selection) and drag in to the grid.
  - When dragging one device on top of the other there are a several options:
    - Replace - Overwrites device below

- Shift - Shifts all devices to the right. Will not appear as an option if all grid slots to the right of selected grid slot are populated.
    - Cancel - Returns selected device back to previous grid slot.
  - Auto Populate Tabs
    - Located at the bottom of the device list - when pressed will automatically populate and create tabs based on the previously selected grid size.
    - Will populate the grids with all RedNet devices in the Device List.
    - If a filter and/or search has been applied to the Device List, this will only populate with devices visible in the Device List
    - Alternatively, select multiple devices from the Device List and press the 'Auto' button to only auto assign selected devices.
    - Note: Will not overwrite devices that are currently in tabs and will instead populate around them.
  - Previous state will be stored and recalled on closing and reopening RedNet Control 2.0
- **Sample Rate Configuration**
  - Global Sample Rate
    - Located in the Global RedNet Control 2 menu, select a Sample Rate for the system and apply to all tabs, apply to all RedNet devices or apply to all Dante devices on the network
    - Select which device on the network all Tabs should follow
  - Tab Sample Rate
    - Select separate sample rates per tab and choose which device an individual tab should follow from the ribbon at the top of each tab
- **Security**
  - Lock and unlock Tabs to prevent any unwanted changes to tab names, location or device location.
- **Status Log**
  - Use the log, located in the RedNet Control 2 Global Menu, to identify the following:
    - Warnings
    - Network Changes
    - File Operations
    - Firmware Upgrades
    - Device Information



- **Save/Load**
  - - Session - Save & Loads the following:
      - Tabs
      - Tab Names
      - Device Location with in Tabs
      - Filters
      - Searches
    - Device - Save & Loads the following:
      - RedNet 4 parameter (Can choose to load specific functions per channel)
      - RedNet MP8R parameters (Can choose to load specific functions per channel)
- **Devices**
  - Newly designed Front Panel GUI
  - Newly designed Spanner menu
    - Real-time changes without the requirement to open and close the menu
  - RedNet 4 and RedNet MP8R
    - Live/Setup Views:
      - Live - Shows Gain Dials and Metering
      - Setup - Shows Channel Parameters
- **Channel Clipping**
  - Identify which devices have a clipping channel from the Device List, with the name turning red or from the tab that device is in, from the tab colour changing to red
  - Set clip hold times from the RedNet Control 2 Global Preferences Menu
  - Adjust a Mic Pre channel to automatically clear a clip
  - Click on a clip LED to clear all clips on that devices
  - Use shortcuts indicated below to clear globally or per tab
- **Functions & Shortcuts**
  - Shortcut to lock and unlock grid
    - - Mac: 'Command, L'
      - Win: 'Control, L'
  - Adding Tabs
    - Press the '+' button
    - Click in dead-space to the right of the tab
    - Mac: 'Command, T'
    - Win: 'Control, T'
      - Grid Size selection defaults to last chosen when using 'Add tab' shortcuts
  - Switching between Tabs

- Click on new tab
  - Next tab: 'Tab'
  - Previous tab: 'Shift, Tab'
- Renaming Tabs
  - 'Enter' to commit
  - 'Esc' or click anywhere else to cancel
- Shortcut to remove current tab
  - Mac: 'Command, W'
  - Win: 'Control, W'
- Scroll along Tabs
  - Mouse wheel
  - Trackpad scroll
- Double-Click on a device name in the Device List to automatically jump to the tab that the device is currently populating.
  - Device will ID for several seconds
- Dialogue Boxes
  - 'Okay' or 'Cancel'
  - 'Enter' or 'Esc'
- Remove plugins from tab if device is no longer on network
  - Mac: 'Command, Backspace'
  - Win: 'Control, Backspace'
- Remove plugins from all tabs if device is no longer on network
  - Mac: 'Command, Shift, Backspace'
  - Win: 'Control, Shift, Backspace'
- RedNet 4 and RedNet MP8R Precision Gain
  - Mac: Press 'Command' when changing gain
  - Win: Press 'Control' when changing gain
- RedNet MP8R Pad Modifier
  - Shift and click on the gain dial in either Live or Setup View
- Clear all Clips in Tab
  - Mac: Command, Shift, C
  - Win: Control, Shift, C
- Clear all Clips Globally
  - Mac: Command, Shift, Option, C
  - Win: Control, Shift, Alt, C