# UXT Software v4.1.6.7 Release Notes

**For UXT-01-002 and UXT-01-004 chips**

*Released: 6th June 2019*

## Release Summary

The current and GA software release for Ultimo X chips is v4.1.6.7 (for UXT-01-002 and UXT-01-004 chips).

This is a recommended maintenance release which provides a range of bug fixes.

**Note:** Make sure you have the latest versions of Dante Firmware Update Manager and Dante Controller. See Supporting Tools for download links.

## New Features

- None (maintenance release)

## Issues Fixed

| Issue Number | Description |
| --- | --- |
| UM-198 | sineouttest in the bootloader is broken |
| UM-779 | Make DHCP initial transaction ID a random value |
| UM-789 | Add DDP into the bootloader to UltimoX |
| UM-78 | Improve the failsafe reset counter |
| UM-45 | Device processes set rx/tx channel mute/unmute request and returns success |
| UM-211 | OEM mdns advert causes service registrations to fail |
| UM-366 | Return the Dante domain name via HostCPU DDP |
| UM-771 | Subscriptions fail after reboot / net down using static IP |
| UM-775 | Fix current mode field of DDP message NETWORK_BASIC DDP |
| UM-776 | Return Dante Domain UUID via DDP |
| UM-777 | DDM event notification of device connection state sometimes missing |
| UM-778 | DDP Device erase config message sent when domain membership changes |
| UM-779 | Make DHCP initial transaction ID a random value |
| UM-786 | Improve TX utilisation |
| UM-788 | Make sure UHIP reports TX channel label deletion |
| ULT-819/UM-166 | When an Ultimo device is clock master and is directly connected to another device (not via an outboard switch), if the Ultimo is rebooted, noise occurs on the Tx channels for ~1 second |

| Issue Number | Description |
|---|---|
| ULT-371/UM-162 | Ultimo is unable to subscribe to a multicast flow if the flow's label length is more then 28 characters, instead the Ultimo will create a unicast flow. |
| ULT-377/UM-188 | If a multicast flow is created on an Ultimo with a label length of more than 19 characters, other devices will be unable to subscribe to the multicast flow, instead devices will subscribe via unicast. |
| ULT-246/UM-26 | After the device friendly name is changed, Dante Device Protocol messages over the SPI or UART may be dropped for ~30 seconds. |
| UM-274 | No Dante Device Protocol "ROUTING_TX_CHAN_CONFIG_STATE" event is sent |
| UM-784 | Improve the fail safe reset counter |

## Known Issues

| Issue Number | Description |
|---|---|
| ULT-820/UM-229 | For Ultimo multicast transmit flows, noise occurs on the Ultimo Tx channels when changing the Ultimo encoding to a higher value (e.g. 16 to 24). Workaround: Unsubscribe receivers from the multicast flow before changing the encoding. |
| ULT-619/UM-596 | DDP_DEVICE_SWITCH_STATUS events are not generated for non-dante ports |
| UM-780 | NETWORK BASIC DDP message is sometimes missing on link up event |