

# RELEASE NOTES

## PRODUCTS SUPPORTED:

Dialog ® UVHF

## DIALOG ® UVHF Software and Firmware

May 21, 2025

### RELEASE 05.21.2025

**MONDO: 0.3.5.4**

**HUB: 1.7.9**

**DOCK: 0.7.9**

**DI: 0.3.1**

**TX: 0.2.5.1**

**STRADIO: 0.9.9**

**WEBGUI: 0.9.1**

**ENCODER: 0.4.1.0**

**DECODER: 0.0.1.0**

**FPGA 2.8**

#### HUB

1. In the GUI, a new menu item called Auto-Assign will automatically do an RF scan on all Access Points in the same channel group, then assign the best channels to all APs, and then sync the mics in the paired smart docks.
2. New feature in RF scan: option to see where the assigned channels are in the spectrum with colored bars
3. New item in GUI settings menu: Channel RF Frequencies shows a list of frequency assignments for all channel numbers
4. Mute Sync can now be individually enabled/disabled on each transmitter
5. Added ability to name Smartdock and Dante Interface
6. Added identify function to GUI (help->about page) to make Smartdock and Dante Interface LEDs flash
7. Mutesync can now be enabled or disabled for each transmitter
8. Fixed issue that could cause transmitter settings to change spontaneously
9. Improved diversity performance with low level RF signals

#### DOCK

1. Fixed an issue that could cause recovering firmware on transmitters to fail

## RELEASE 01.08.2025

**MONDO: 0.3.4.6**

**HUB: 1.7.8**

**DOCK: 0.7.7**

**DI: 0.3.0**

**TX: 0.2.5.1**

**STRADIO: 0.9.3**

**WEBGUI: 0.8.4**

**ENCODER: 0.4.1.0**

**DECODER: 0.0.1.0**

**FPGA 2.8**

### HUB

1. Improved automatic channel assignment algorithm.
2. Improved backup channel switching
3. Improved RF scan
4. Added MuteSync feature:when enabled in the GUI, muting any mic will cause all other mics to mute. Unmuting any mic causes all mics to unmute.
5. Bug fixes

### DOCK

1. Updated to include 4 channel version of dock

### DI

1. Can now reset to factory defaults by tying GPIO input 1 AND input 8 together,
2. Then ground them to pin 1 and unground them 8 times within 2 seconds.

## RELEASE 10.04.2024

**MONDO: 0.3.4.2**

**HUB: 1.7.6**

**DOCK: 0.7.5**

**DI: 0.2.9**

**TX: 0.2.5.0**

**STRADIO: 0.9.2**

**WEBGUI: 0.8.1**

**ENCODER: 0.4.1.0**

## DECODER: 0.0.1.0

### FPGA 2.8

#### HUB

1. Improved Ethernet stability
2. Improved discovery on different subnets
3. Added Auto-IP address assignment. When a DHCP address is not supplied, the AP uses Auto-IP to get an IP address
4. Autoscan and automatic channel assignment are now defaults when syncing using either the dock sync button or the GUI sync button.
5. Fixed issue where loading system defaults by holding down the reset button didnt work if the AP was waiting for a DHCP address
6. Added new feature-Channel groups. APs that are assigned to the same channel group coordinate channels when auto-assigning them.
7. Fixed issue of omni/cardiod mode and sleep mode not being saved

#### DOCK

1. Added Auto-IP
2. Added a way to load system defaults - hold sync button down until the dock reboots and the led turns red (~5 seconds)

#### DI

1. Added Auto-IP

#### TX

1. Updated USB descriptor string
2. Fixed bug that would cause tx to unmute if in on-mute mode and muted from the power switch being in the off position and then waking up from sleep mode
3. Fixed issue where setting the preamp gain to -10 or -20 would cause tx to stop transmitting

#### FPGA

1. APs can now be connected together over Plink to synchronize heartbeats. This allows them
2. To be placed close together without interfering with each other.

#### WEBGUI

1. Added channel groups
2. Fixed some missing icon images

## RELEASE 06.04.2024

**MONDO: 0.3.2.1 (first production release)**

**HUB: 1.6.5**

**DOCK: 0.7.1**

**DI: 0.2.6**

**TX: 0.2.4.6**

**STRADIO: 0.9.0**

**WEBGUI: 0.7.7**

**ENCODER: 0.4.1.0**

**DECODER: 0.0.1.0**

**FPGA 2.7**

### HUB

1. Updated GUI to allow assigning static IP addresses to dock and Dante interface

### DOCK

1. Added ability to assign static IP address

### DANTE INTERFACE

1. Added ability to assign static IP address

### WEB INTERFACE

1. Added ability to assign static IP address to dock and Dante interface

## RELEASE 05.08.2024

**MONDO: 0.3.1.7**

**HUB: 1.6.4**

**DOCK: 0.7.0**

**DI: 0.2.5**

**TX: 0.2.4.6**

**STRADIO: 0.9.0**

**WEB: 0.7.5**

**ENCODER: 0.4.1.0**

**DECODER: 0.0.1.0**

**FPGA 2.6**

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## HUB

1. Improved Ethernet stability
2. Improved dock and Dante interface connections and pairing
3. Added autoscan and auto channel selection when syncing
4. Added ability to reset AP from discovery app
5. Other small bug fixes and improvements
6. Add repeater mode programming by serial number
7. Disabled autoscanning during factory RF test

## TX

1. Improved battery coulomb counter accuracy
2. Added no battery detection when on dock
3. Fixed issue with small noise when muting
4. Fixed issue that could cause transmitter audio to be muted when removing from dock

## DOCK

1. Improved detection and pairing to AP
2. Added checksum to AP data polling to improve performance
3. Added timeouts to tx firmware updating
4. Added moving blue led when sync button pressed and sync started
5. Added blinking green led to show when sync is complete
6. Improved Ethernet stability

## DANTE INTERFACE

1. Improved detection and pairing to AP
2. Made GPIO inputs disabled by default

## WEB INTERFACE

1. Design improvements
2. Added ability to reset any unit from the help->about page
3. New settings menu item: device config allows enable/disable of dock sync button and
4. Enable/disable of autoscan and automatic channel selection when syncing
5. Bug fixes

## RELEASE 10.04.2024

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