

# MERGING TECHNOLOGIES

## Merging DANTE Advanced Pages User Guide (Legacy)

The screenshot shows the Dante Advanced Settings web interface. At the top, the Dante logo is on the left, and the Merging Technologies logo is on the right. Below the logos, there are fields for Vendor (Merging Technologies), Product (Merging Technologies), and Serial (Merging Technologies). There is also an 'Identify Me' checkbox. Below this, there are tabs for 'General settings', 'Ins/Outs', 'I/O Router', and 'System'. The 'General settings' tab is selected. Under 'General settings', there is a 'Device Name' section with a text input field and a note: 'This is the unique zeroconf device name. Other devices see this device name.' Below this is a 'Location' text input field. The 'Audio Configuration' section has a 'Sample rate' dropdown menu set to '48 kHz'. The 'Network' section has a 'Redundant mode' checkbox. Below this is the 'Interface 1' section, which shows the link status as 'Up' in a green bar, the name as 'Primary', and the type as 'Zeroconf'. Below the type are fields for Address (169.254.9.235), Netmask (255.255.0.0), Gateway (0.0.0.0), and DNS (0.0.0.0). An 'Apply' button is at the bottom right. A note at the bottom states: 'Note: changing the network settings require a reboot of the device.'

- Merging Anubis firmware v1.8.0 - 1.9.0
- Merging Hapi MKIII firmware v1.8.0 - 1.9.0
- Neumann MT 48 firmware v1.8.0 - 1.9.0

- [How to access the Advanced pages](#)
- [Dante Controller](#)
- [GENERAL SETTINGS](#)
  - [Device Name](#)
  - [Audio Configuration](#)
  - [Network](#)
  - [Interface 1-2](#)
- [INS/OUTS](#)
- [I/O ROUTER](#)
- [SYSTEM](#)

# MERGING TECHNOLOGIES

- [UNIT IDENTIFIER](#)
- [Appendix](#)
- [External Links](#)

**i** Merging Technologies ZMAN-based devices, Anubis, Hapi MKII, ZOEM, MT48.  
Previous devices, Horus and Hapi cannot run in Dante Mode.

## How to access the Advanced pages

1. With the device [IP address](#) (Anubis / Hapi MKII / MT48)

In your browser, enter the device IP address followed by **/advanced/index.html**

*E.g: 169.254.80.179/advanced/index.html*

The device IP address can be found on the device Network Settings and in Dante Controller Device View > Status Tab.

2. Through [MT Discovery](#). (v 20.0.0. or above required)

Right click on your Merging Dante ZMAN device and select **Open Advanced**.

## Dante Controller

Sample rate and network configuration can also be accessed with Dante Controller.

Some settings (device latency, audio codec,...) can only be accessed with Dante Controller.

## GENERAL SETTINGS

The screenshot shows the 'General settings' tab of the Dante web interface. At the top, it displays the Dante logo and the Merging Technologies logo. Below the tabs, the 'Device Name' field is highlighted with a red box. A note states: 'This is the unique zeroconf device name. Other devices see this device name.' Below this is the 'Location' field. The 'Audio Configuration' section shows 'Sample rate' set to '48 kHz'. The 'Network' section has 'Redundant mode' unchecked. The 'Interface 1' section shows 'Link' as 'Up' with a green bar, 'Name' as 'Primary', and 'Type' as 'Zeroconf'. Below these are fields for 'Address' (169.254.9.235), 'Netmask' (255.255.0.0), 'Gateway' (0.0.0.0), and 'DNS' (0.0.0.0). An 'Apply' button is at the bottom right. A note at the very bottom states: 'Note: changing the network settings require a reboot of the device.'

### Device Name

- This is the unique zeroconf device name. Other devices see this device name.  
Device Name is case insensitive, 31 characters max, Unicode and non-roman characters are not supported.  
See [Dante Documentation](#) for details.  
Reboot is not required for the change to apply. Equivalent to device Setup menu > Network > Device Name (Hapi)
- **Location** : information text (64 characters max)

# MERGING TECHNOLOGIES

## Audio Configuration

- **Sample Rate** : current sample rate (44100-48000- 88200-96000-176400-192000)

This setting can be modified with Dante Controller.

## Network

- **Redundant mode** : Activate / deactivate Redundant mode - only applicable to Merging devices supporting such feature.

A reboot is required for the change to apply.

This setting can be modified with Dante Controller.

## Interface 1-2

Note : depending on the device, only Interface 1 might be available.

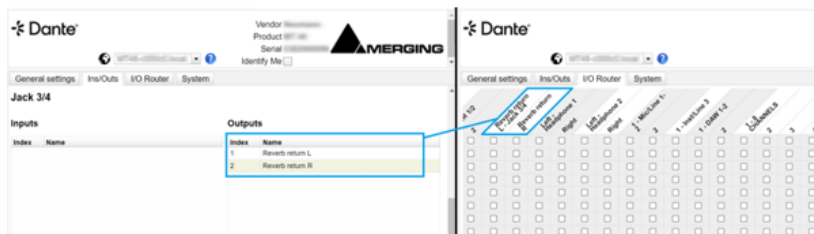
- **Link** : status
- **Name** : information only - can't be modified
- **Type** : defines the type of IP V4 address used (Zeroconf - DHCP - Static)
- **Address - NetMask - Gateway - DNS** : only available if Type is set to Static.

Reboot is required for changes to apply.

Those settings can be modified with Dante Controller.

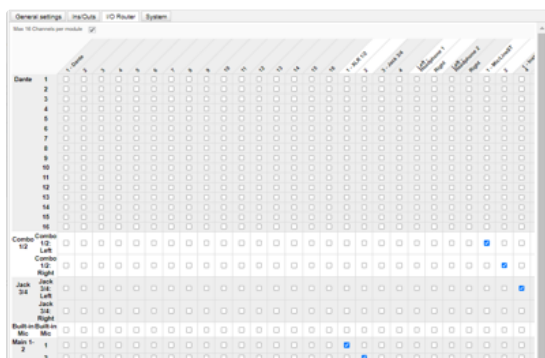
## INS/OUTS

Allows to change the name of module's specific Inputs and / or Outputs. (when applicable)



## I/O ROUTER

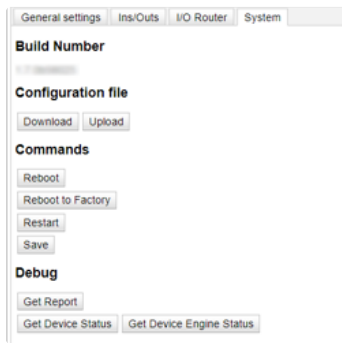
Allows to connect physical I/O and Internal device router.



- **Max 16 Channels per module** : Shows the 16 first channels of modules (only applies to modules having more than 16 channels)

# MERGING TECHNOLOGIES

## SYSTEM



- **Build Number:** Current firmware version
- **Configuration file**  
**Download / Upload :** Save / Load device configuration (preset file).
- **Commands**
  - **Shutdown :** shutdown the device
  - **Reboot :** restart the device
  - **Reboot to Factory :** restore all settings to factory default, and restart the device
  - **Restart :** Restart the application (Mission)
  - **Save :** save the current configuration.
- **Debug**
  - **Get Report :** generates a debug report, and saves it on the local computer.  
If the report is not saved automatically, make sure your web browser did not block the download.
  - **Get Device Status :** displays the device status (SysLog)
  - **Get Device Engine Status :** displays the device engine - ZMAN-based devices only (which includes the Json Tree of the device)

## UNIT IDENTIFIER



**Identify me :** Provides visual feedback on the unit to allow the user to quickly identify a unit (currently only available for ZMAN-based products; Anubis, Hapi MKIII, Neumann MT 48).

When ticking the checkbox :

- Anubis displays its Device Name on TFT and flashes its Home button (Merging logo).
- MT 48 displays its Device Name on TFT and flashes its Home button (Neumann logo).
- HapiMkIII flashes its front panel Merging logo.

# MERGING TECHNOLOGIES

## Appendix

- Dante mode is only available for Merging Technologies Anubis and Hapi MKII, and Neumann MT 48. Previous Merging devices, Horus and Hapi, are not compatible.
- Dante mode requires a Dante license (Dante Ready)

## External Links

<https://www.audinate.com/learning/technical-documentation>

[https://en.wikipedia.org/wiki/Precision\\_Time\\_Protocol](https://en.wikipedia.org/wiki/Precision_Time_Protocol)