DXD-8 QUICK GUIDE for DANTE®

Setting the DXD-8 as a Dante Primary Leader Clock

DANTE SYNC: PTP V1

Dante uses PTP v1 (IEEE 1588-2002) for sync. The PTP option for the DXD-8 (**DXD8/PTP**) includes PTP v2 as well as PTP v1 so once it is installed in your unit you are ready for Dante. This quick guide is written for **firmware 2.15**.

In the following discussion the terms "Master" and "Leader" are synonymous, as are the terms "Slave" and "Follower".
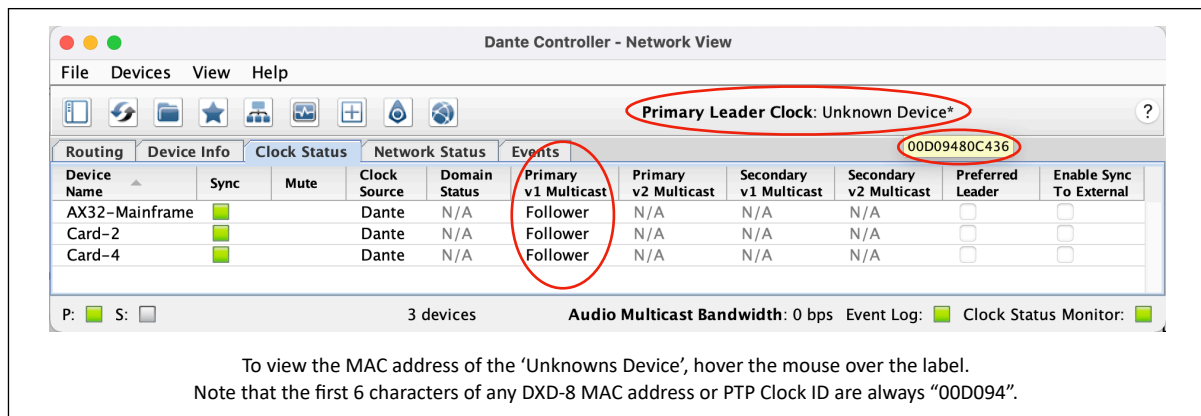
SETTINGS

- **DXD-8 Settings**

    - Menu 1.1: REFERENCE > **Source = PTP Mode**
    - Menu 4.1: IP ADDRESS > Make sure the port has a **valid IP address**
    - Menu 5.1: PORT MODES> **Port Mode = On**
    - Menu 5.2: GRANDMASTER > **Priority 1 = 127** or **lower** (equivalent to turning ON Dante 'Preferred Leader')
    - Menu 5.3: PORT CONTROLS > **PTP Version = PTP Version 1** (When prompted, press the UP key to reset the timing values to the PTP v1 default values)

- **Dante Settings**

    - Turn **OFF** 'Preferred Leader' on all Dante Devices.
    - Turn **OFF** 'Enable Sync to External'' on all Dante Devices.

DISPLAYS

▷ Dante Controller will indicate: **Primary Leader Clock: 'Unknown Device'** with the MAC address of the DXD-8. It will also indicate that all Dante devices are now PTP v1 FOLLOWERS.
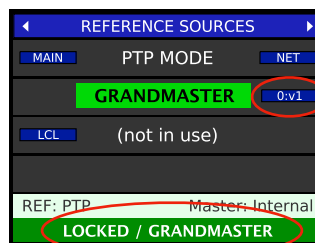

To view the MAC address of the 'Unknowns Device', hover the mouse over the label.
Note that the first 6 characters of any DXD-8 MAC address or PTP Clock ID are always "00D094".

▷ The DXD-8 front panel will indicate **LOCKED / GRANDMASTER** on the bottom line of the display; the REFERENCE SOURCES page will indicate **Domain 0, PTP v1** to the right of the GRANDMASTER PTP state**.**

For additional information and troubleshooting tips, please refer to our DANTE Set Up Guide..