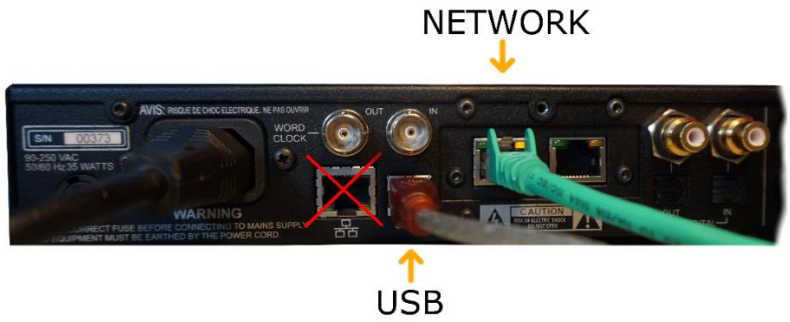
Prism Sound MDIO-Dante Quick Start Guide

For units already-fitted MDIO-Dante Modules..

1. The Prism Sound Atlas unit(s) must be connected to a network, using a Gigabit Ethernet switch and CAT5e or CAT6 cables.



Computers that you plan to use with the Atlas(es) must be connected to the same physical network. Dante will not work over a wireless network – all devices, including computers, must be connected physically via CAT5e or CAT6 cables.

The MDIO-Dante module has 2 x RJ45 network connections. For the purposes of this 'quick start' connect to only the 'Primary' connector which is labelled PRI and is the closest to the mains inlet.

There is another RJ45 connector on the back of the Atlas and Titan underneath the 'Word Clock Out' BNC connector. Do NOT attach a network cable to this – this port is disabled.

2. It will be useful to have the Prism Sound Control Panel software installed to at least one computer. It's possible to install and run the software from a number of computers which may be convenient.
The installers for Mac and PC are available from our website download pages…
http://www.prismsound.com/music_recording/products_subs/titan/titan_downloads.php
or http://www.prismsound.com/music_recording/products_subs/atlas/atlas_downloads.php

3. Download and install the Dante Controller software. https://audinate.com/products/software/dante-controller. This software will be necessary to make connections on the Dante network.
The computer that Dante Controller is running on must be connected to the Dante network.

4. In order to use the Atlas(es) with a DAW software application, you will need a 'Soundcard Interface' for the DAW software to use.
This may be the 'Dante Virtual Soundcard' software https://audinate.com/products/software/dante-virtual-soundcard which adds drivers for WDM and ASIO or Core Audio to the computer and allows you to use a standard network port to connect the computer to the Dante network.

Or else it may be a PCIe Dante Interface card https://www.audinate.com/products/manufacturer-products/dante-pcie-card (or a PCIe Dante card in a Thunderbolt enclosure) which is manufactured by several companies.

5. You may wish to make the connections to your audio inputs and outputs now.

6. Connect power to the Atlas unit(s).

7. Set each of them to MDIO-Dante mode by pressing and holding their Volume knob for four seconds. The Host LED on the front panel changes to red.

8. Now open Dante Controller on one of the computers on the Dante network.
   You should see the Atlas unit(s) and any other Dante devices (including DVS and/or the Dante PCIe card) that are attached to the network. Dante Controller will take a few seconds to recognise the Atlas – don't be too impatient.

9. You can now configure the routings on the network. There are some video tutorials describing how to use Dante Controller on their website….
   https://www.audinate.com/products/software/dante-controller
   and user manuals here…
   https://www.audinate.com/resources/technical-documentation
   .. and some Hints, Tips and example setups follow in this manual.

   In Dante Controller's Routing grid, make connections between the Atlas and your Dante Sound card.

10. When starting your DAW software, select the driver for the Dante soundcard. (i.e. DVS or the Dante PCIe card). Now, whatever you play through the driver's 'TX' outputs will be played to whichever Atlas Output/RX channel you have routed it to using the Dante Controller grid. Similarly, audio appearing on the Atlas' Inputs/TX channels will appear at the driver's RX channel when you've routed it.