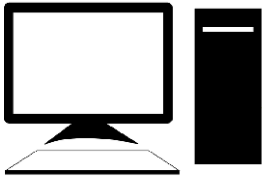


Anubis SPS - Secondary / Backup recorder.

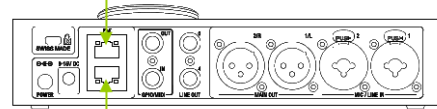
- 1. Without additional network switch
 - Setup
 - Prerequisites
 - Procedure
- 2. With redundant network (advanced)
 - Setup
 - Prerequisites
 - Procedure

1. Without additional network switch

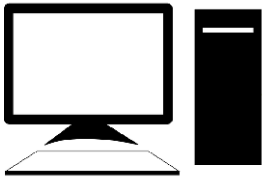
PRIMARY ASIO or MassCore computer



RAVENNA/AE67



ANUBIS SPS (Network switch mode)



RAVENNA/AE67

SECONDARY ASIO or MassCore computer

Setup

Use Anubis SPS redundant / dual network feature to run a secondary - backup recorder.

Prerequisites

- Anubis SPS device.
- Two computers running either MassCore or ASIO or VAD drivers.
- DAW with installed Merging Audio Device driver (previously Merging RAVENNA ASIO driver), MassCore (Windows) or RAVENNA Virtual Audio Driver (Mac).
Follow the [Get Started with Anubis](#) pages for details.

Procedure

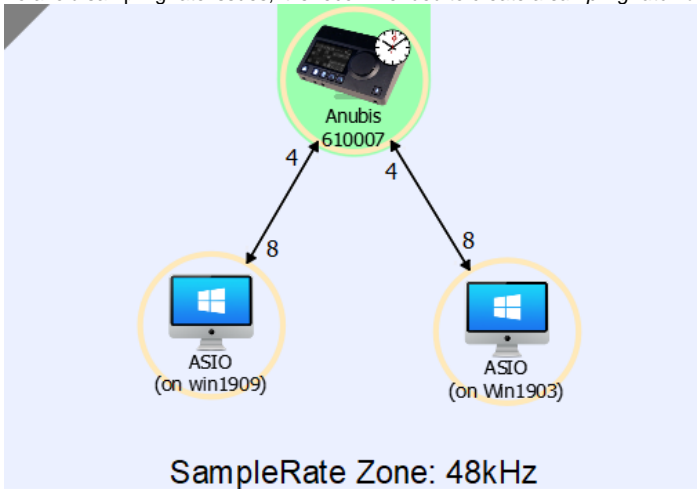
1. For this specific workflow the Anubis must be set to **network switch** mode.
Go to the Anubis *General settings* and disable **ST2022-7**.



A reboot is required.

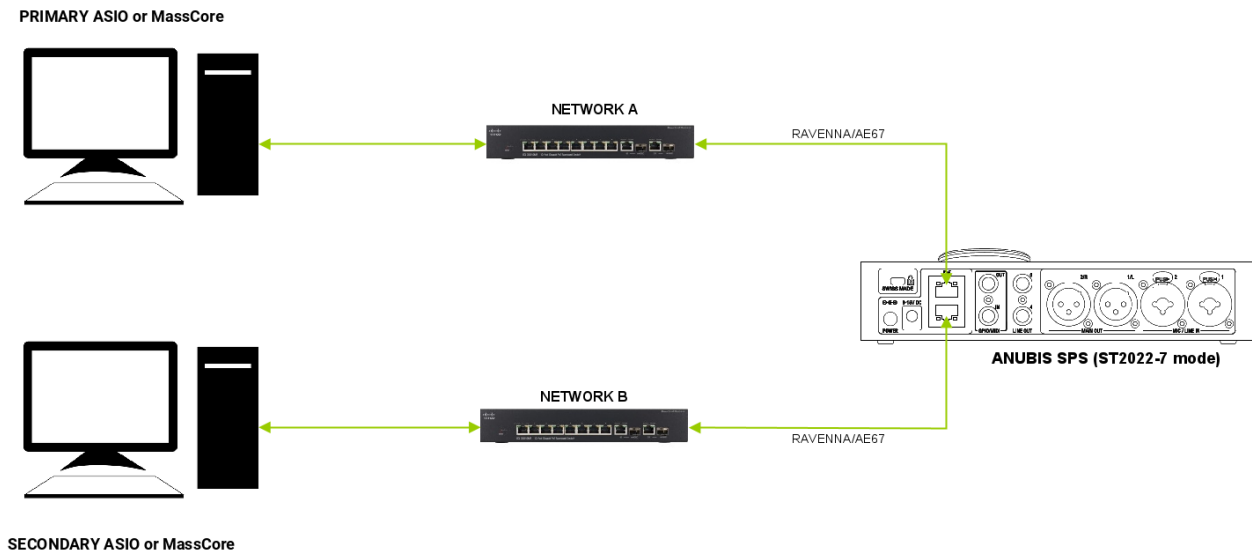
2. Connect your Primary computer network to the top port of the Anubis SPS - port #1
3. Connect your Secondary computer network to the bottom port of the Anubis SPS - port #2

- Make sure both your DAWs *RAVENNA/AES67 settings* are configured accordingly IP addresses have to be in the same range.
Network Latency have to be the same (see the Latency setting in Anubis Settings > General ; Merging Audio Device > RAVENNA/AES 67 Settings ; MassCore > VS3 Control panel ; VAD > System Preferences > Merging RAVENNA/AES67)
- Start your DAW on both computer, then start Aneman.
- To avoid sampling rate issues, it is recommended to create a *sampling rate zone*, and set the Anubis SPS as Master.



- Connect the required Anubis inputs to both your DAW.
- Connect the required DAW outputs to your Anubis, on 2 different Anubis Sources.
(see [this page on how to create Anubis Sources](#))
You can then choose to listen to a specific DAW or sum both from Anubis UI (Monitoring mission).

2. With redundant network (advanced)



SetUp

Use Anubis SPS redundant / dual network feature to run a secondary - backup recorder.

Prerequisites

- Anubis SPS device.
- Two computers running either MassCore or ASIO or VAD drivers.
- At least one Managed network switch, configured with 2 VLANs, or two Managed network switch, properly configured for RAVENNA/AES67
[See this page for Merging RAVENNA/AES67 validated network switches and configuration guides.](#)
- DAW with installed Merging Audio Device driver (previously Merging RAVENNA ASIO driver), MassCore (Windows) or RAVENNA Virtual Audio Driver (Mac).
Follow the [Get Started with Anubis](#) pages for details.

Procedure

1. For this specific workflow since we are here on two different networks (RAVENNA & Home) the Anubis must be set to **ST2022-7** mode. Go to the Anubis *General settings* and enable **ST2022-7**.

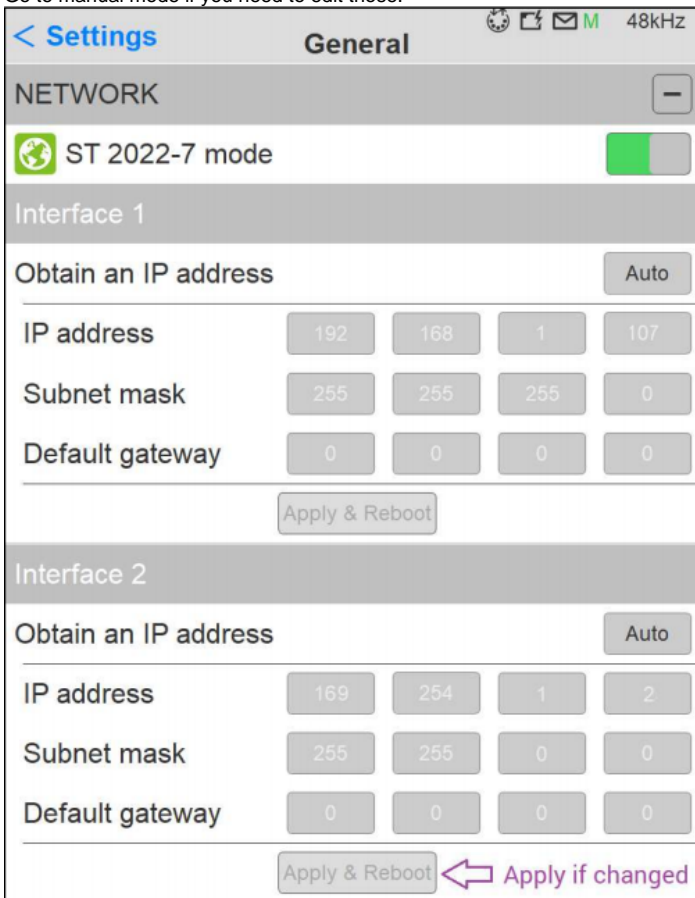


A reboot is required.

2. Connect your Primary computer network to the first Network switch (or VLAN1 if you use a single network switch with 2 VLANs), then from the switch to the top port of the Anubis SPS - port #1
3. Connect your Secondary computer network to the second Network switch (or VLAN2 if you use a single network switch with 2 VLANs), then from the switch to the bottom port of the Anubis SPS - port #2
4. Go to the Anubis *General Settings* and scroll to the *Network configurations*.
5. Network 1 and 2 should be on different IP range

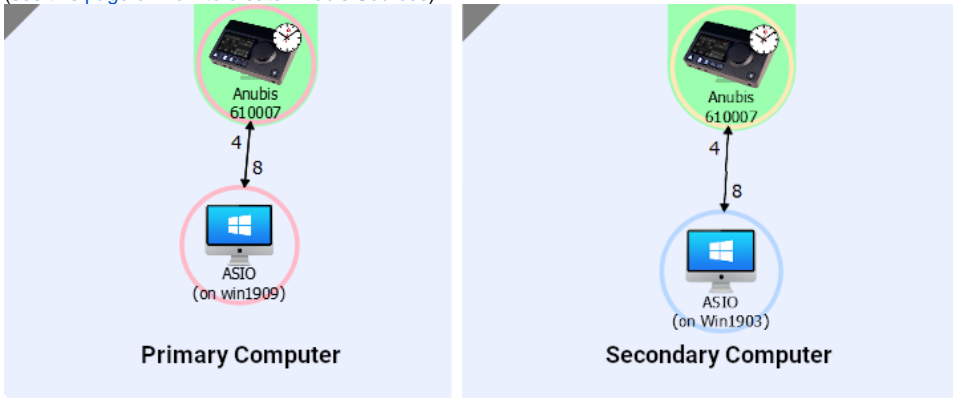
In our example we will set Network 1 on IP 192.168.1.107 subnet mark 255.255.255.0), and Network 2 on IP 169.254.1.2 subnet mark 255.255.0.0.

Go to manual mode if you need to edit those.



6. On the primary computer , set the RAVENNA/AES67 network adapter in the same IP range as Anubis Network 1, in our example 192.168.1.99 subnet mark 255.255.255.0.
7. On the secondary computer , set the RAVENNA/AES67 network adapter in the same IP range as Anubis Network 2, in our example 169.254.1.99 subnet mark 255.255.255.0.
[Please consult this page for further help on IP addresses manual configuration.](#)
8. Make sure all devices RAVENNA/AES67 latency settings are configured accordingly :
Anubis Settings > General ; Merging Audio Device > RAVENNA/AES 67 Settings ; MassCore > VS3 Control panel ; VAD > System Preferences > Merging RAVENNA/AES67
9. Start your DAW on the primary computer, then start Aneman, and connect the required Anubis Inputs and outputs.
To avoid sampling rate issues, it is recommended to create a sampling rate zone, and set the Anubis SPS as Master.

10. Repeat the same operation on the secondary computer, but connect the outputs to a secondary Anubis source. (see this page on how to create Anubis Sources)



11. You can then choose to listen to a specific DAW or sum both from Anubis UI (Monitoring mission).

i ST2022-7 Remote control:

First Ethernet Port Web Server is available on port 80 (i.e. 192.168.1.107:80)
Second First Ethernet Web Server is available on port 81 (i.e. 169.254.1.2:81)

A secondary - redundant computer can be used as a backup recording device.