HDA and IGMP Snooping

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URC HDA devices use “AVB” (Audio Video Bridging) to share audio streams among other HDA products on a network.

IGMP Snooping is a feature built into many switches and/or routers and can cause issues or interfere with AVB device discovery on the network. and is not recommended for HDA AVB networks. In many cases, IGMP is defaulted to "**Enabled**" within the switch.

URC recommends that you **disable** IGMP Snooping functionality when using HDA products in any project.
This article provides an overview of why **IGMP Snooping must be disabled when using HDA products.**

- **IGMP Snooping must be disabled when using HDA products.**
- Any installation that is experiencing **HDA streaming issues** needs to verify that IGMP Snooping is **disabled** in the network switches being used with HDA.
- IGMP Snooping **is not enabled within the HDA-SW5** Network Switch
- IMGP Snooping **cannot be enabled on the HDA-SW5** Network Switch

Some devices using IGMP Snooping that could possibly be installed on the same network as HDA are Dante-enabled devices, POS Systems, Video-Over-IP multicast devices and wired Sonos systems. In this case, it is a best practice to setup VLANs in your network to separate the HDA devices from the devices that use IGMP Snooping.

If VLANS or other complex networking methods are required, please contact your local Sales Engineer to consult on potential resolutions.

Additional Information & Resources:

A good resource that explains IGMP Snooping can be found by clicking this link.
A good resource that explains AVB can be found by clicking this link.

To learn more about HDA products and programming, please see the HDA Programmers Guide or the Accelerator 3 online **Programming Guide.**