RAVENNA Easy Connect Guide

For Merging Technologies Products

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RAVENNA Easy Connect Guide

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For Merging Technologies Products

RAVENNA

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Merging RAVENNA Easy Connect

Overview

The **RAVENNA Easy Connect** utility is installed along Pyramix v8 and Ovation v4 and is included in the ASIO and Core Audio Drivers package. This utility enables Horus users to connect the visible RAVENNA streams and route them accordingly to the desired I/Os.

Accessing Easy Connect

When Pyramix is launched with the VS3 Control Panel set to RAVENNA mode the RAVENNA Easy Connect utility is launched automatically and appears in the Windows system tray. Users who have installed the ASIO and Core Audio Drivers will also have the utility running in the respective tray.

Easy Connect Tray icon

Pyramix

The RAVENNA Easy Connect dialog is opened by:

View > Windows / Tools > RAVENNA Easy Connect

It can also can be opened by clicking on the Pyramix toolbar icon:

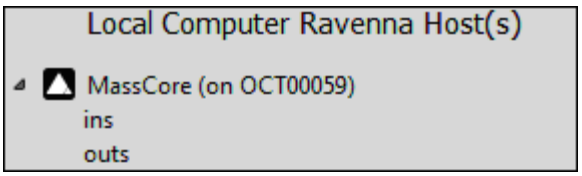
Pyramix Toolbar icon

Once the dialog is open the connection tree is displayed.

Easy Connect will see all the RAVENNA connections which are activated in the Horus module pages (as RAVENNA).

Local Computer RAVENNA Host

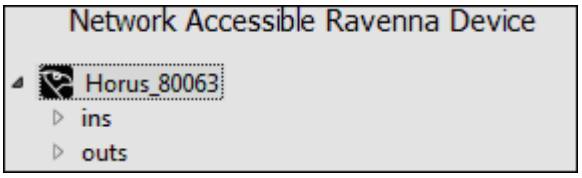
The left-hand column of the Easy Connect window shows the connections used on your MassCore system, ASIO or Core Audio host.



Easy Connect Local RAVENNA Hosts

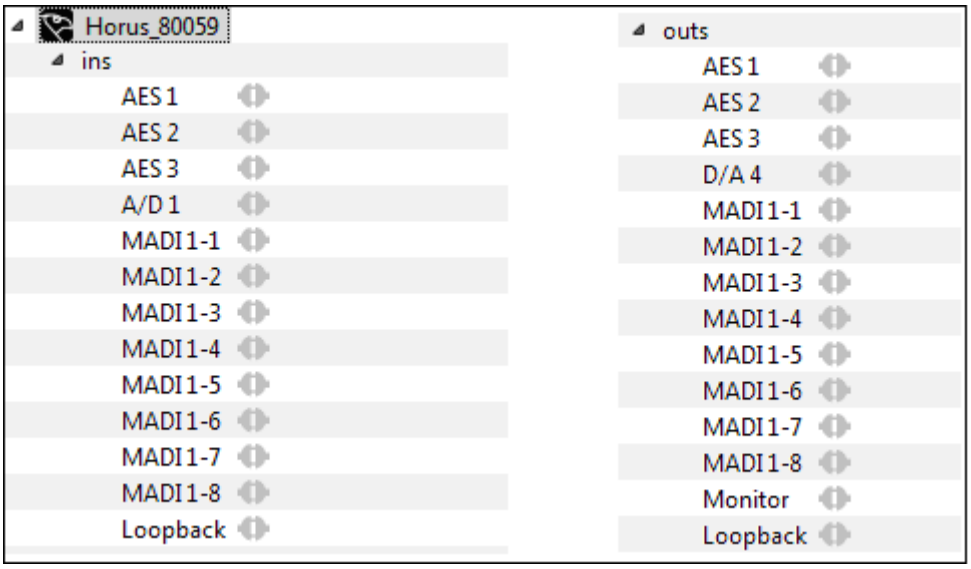
Network Accessible RAVENNA Device

The top right-hand entry in the Easy Connect window shows the available Horus units.



Easy Connect Network RAVENNA Device

Expanding the Horus entry displays the **ins** (inputs) and **outs** (Outputs) available. These can be connected or disconnected (from drop down menu). If a Module Output Source is not set to RAVENNA it will not appear in the Easy-Connect Inputs and Outputs list.



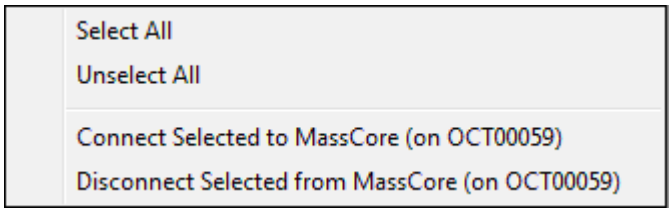
Easy Connect ins and outs

Making a connection

Click on the module to be connected. It will be highlighted once clicked.

Easy Connect Selected I/O Module

Right-click to access the drop-down context menu. Here you can connect or disconnect the module I/O.



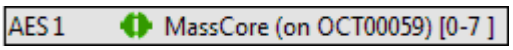
Easy Connect Context Menu

Alternatively use the buttons in the lower part of the Easy Connect window to perform the connection or disconnection

Easy Connect Connect & Disconnect buttons

Double-clicking on a RAVENNA module entry will Connect or Disconnect the module.

Once the module connection is made a Green icon will be displayed



Easy Connect Module Connection

Connection Status

Not connected

Connected correctly

Connection Error (see message displayed at bottom of Easy Connect window for details)

Partial connection

A **Partial connection** indicates that the connection to the MassCore, ASIO or Core Audio host cannot be made. Please verify that the MassCore, ASIO or Core Audio host is available in the left-hand Easy Connect column. If it is present select the problematic input or output and disconnect it, then reconnect it.

If the MassCore, ASIO or Core Audio host is not present please exit and restart the application.

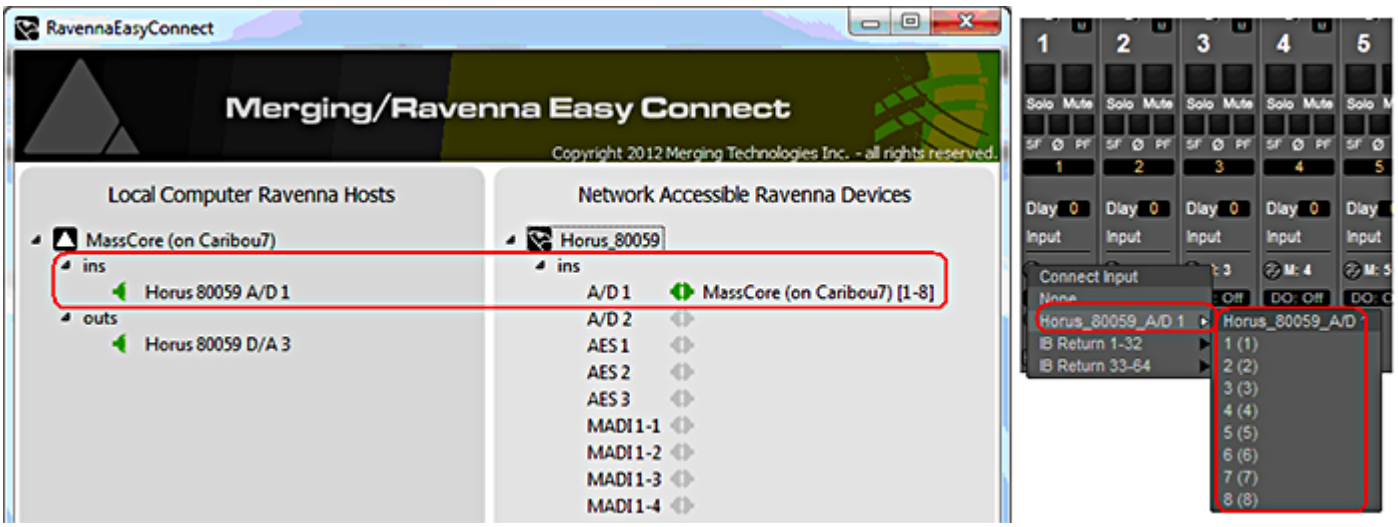
> **Note:** Each Input and Output module is in blocks of 8 channels (except for Monitoring which is 2 channels)

Once connected the Inputs or Outputs will be available within the Pyramix Mixer for I/O connections.

Activated Connection Example

Once a RAVENNA connection has been enabled it will be made available in the Pyramix Mixer.

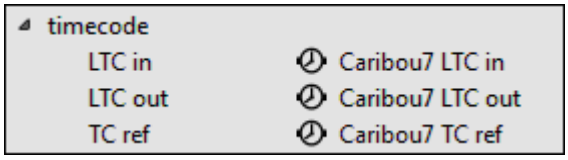
In the example below the AD1 input has been enabled:



Easy Connect & Pyramix Connections

TimeCode Connections

Horus TimeCode RAVENNA connections can also be enabled from RAVENNA Easy Connect :



Easy Connect TimeCode Connections

LTC in: Connection must be enabled in order to receive incoming LTC/TimeCode

LTC out: Connection must be enabled in order to generate outgoing TimeCode

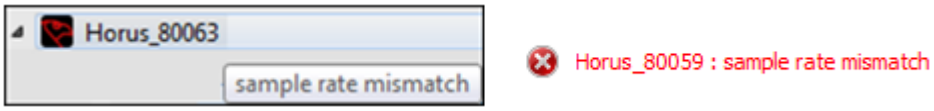
TC ref: Connection must be enabled for Video reference.

Note: TC ref option must be enabled in order to lock the MassCore TimeCode to the Horus **Video In**.

Additional Details

A warning red sign on the Horus logo along with a pop message will warn the user that the Horus and Pyramix project are not at the same sampling rate.

Configuration error: Roll the mouse over the Horus red warning to display the exact error:



Easy Connect Sampling Rate Warning

Or look at the bottom of the dialog.

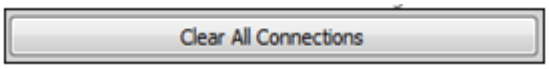
> **Note:** Horus and Pyramix sampling rates MUST match in order to enable I/O connections through RAVENNA Easy Connect.

Clear All Connections

All current connections can be cleared by right-clicking on the RAVENNA Easy Connect icon in the Tray to access the context menu and selecting **Clear Connections**.

Easy Connect Tray Icon Context Menu

You can also clear all connections using the button at the bottom of the Easy Connect Window:



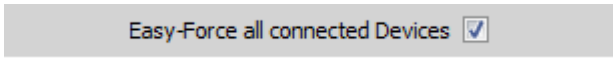
Easy Connect Clear All COnnections button

This will delete all the local RAVENNA connections made previously for all inputs and outputs. A confirmation pop-up window will appear. Click on **OK** to clear the connections or **Cancel** to abort.

Ctrl + Click on the **Clear All Connections** button will force a delete of **ALL** existing RAVENNA connections**.** Please be aware that this will clear connections that could be in use by other RAVENNA hosts. Ensure that you know what you are doing.

Lock to Pyramix Sampling Rate

RAVENNA Easy Connect also includes an option to lock the Horus to the Pyramix sampling rate.



Easy Connect Sampling Rate Lock Check-

When active the MassCore system will always ensure that the Horus connected to it follows its sampling rate setting.

> **Note:** When running with RAVENNA ASIO and Core Audio drivers the **Easy-Force all connected Devices** option is inactive, since Horus is the sampling rate master in such a configuration

Always on top

An option to display The RAVENNA Easy Connect window can be set to **Always On Top** in top from right-click context menu.

Easy Connect Always On Top message

Working with multiple Horus over a network

If you have multiple Horus's in your environment they must all be connected to a Merging certified switch.

Each Horus will then appear in your RAVENNA Easy Connect utility where you will see the name of each Horus online. You will be able to make each Horus' I/O connections with the RAVENNA Easy Connect utility.

Troubleshooting

Sudden stoppage of RAVENNA Easy Connect

If the RAVENNA Easy Connect utility crashes or stops simply launch it again from the Windows Start menu under:

All Programs > Merging Technologies > RAVENNA Easy Connect > RAVENNAEasyConnect

Contacting Merging

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For all documentation inquiries or suggestions for improvement:
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