Manuals+ — User Manuals Simplified.

SISTEMA MATRIX A8 Audio Matrix Processor User Guide

MATRIX System user guide

Contents

MATRIX A8 Audio Matrix Processor

1. There have 2 connections mode for user to select:

    -daisy chain network mode, for the system with paging function

    -star network mode, fot the system without pageing function.
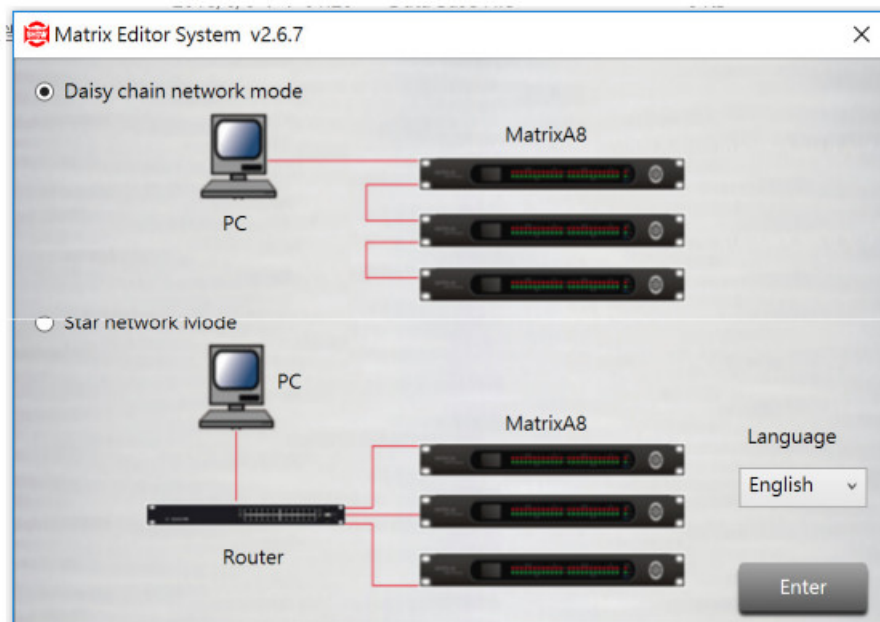
2. if system have more than one MATRIX A8 devices, and connected RPM-200 Paging MIC, please follow the below steps to set up the system.

    -Please daisy chain to link the device via RC-Net IN/OUT port. and the first MATRIX A8 device should connect to the secondary porthe DANTE module or connect router via LAN port, and setting the LAN switch to "LAN" side.

    -all the DANTE module connect to a router . select daisy chain mode when open the Matrix system Editor software.
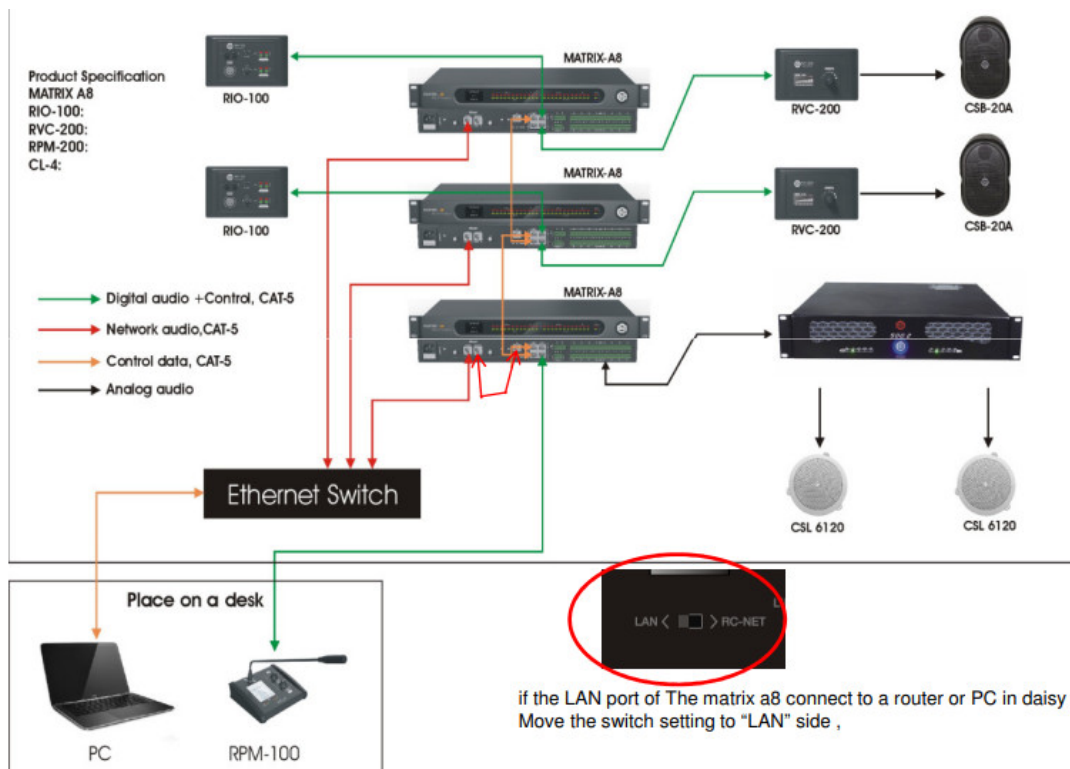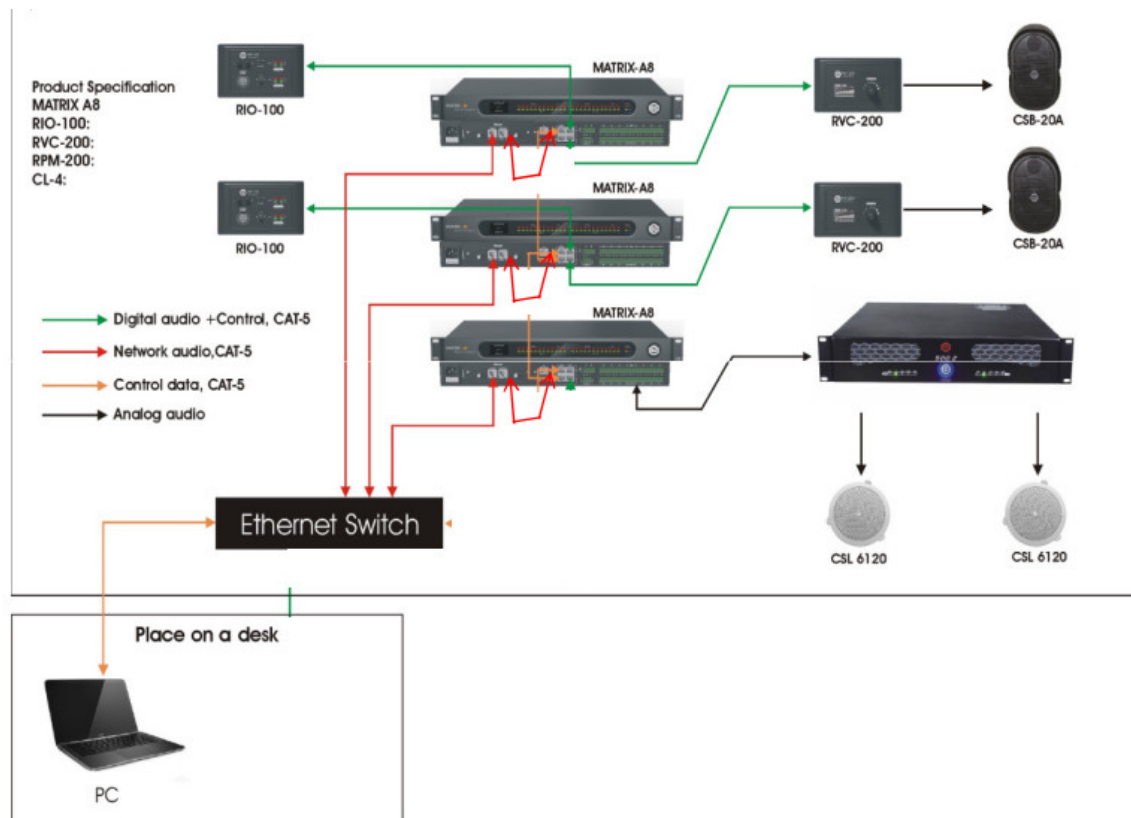

3. If system have more than one MATRIX A8 devices, but no page MIC function, please follow the below steps to set the system:

   -no need to daisy chain connect the MATRIX A8 via rc-net port,

    -just need to connect to LAN port to the secondary port of the DANTE module

   -select star network mode when open the editor software.

4. how to routing the signal to dante network?

   -Routing the input signal of A8 to DANTE nework, or routing the network audio from network to all inputs with Matrix system Editor software

Routing the audio from network to all inputs
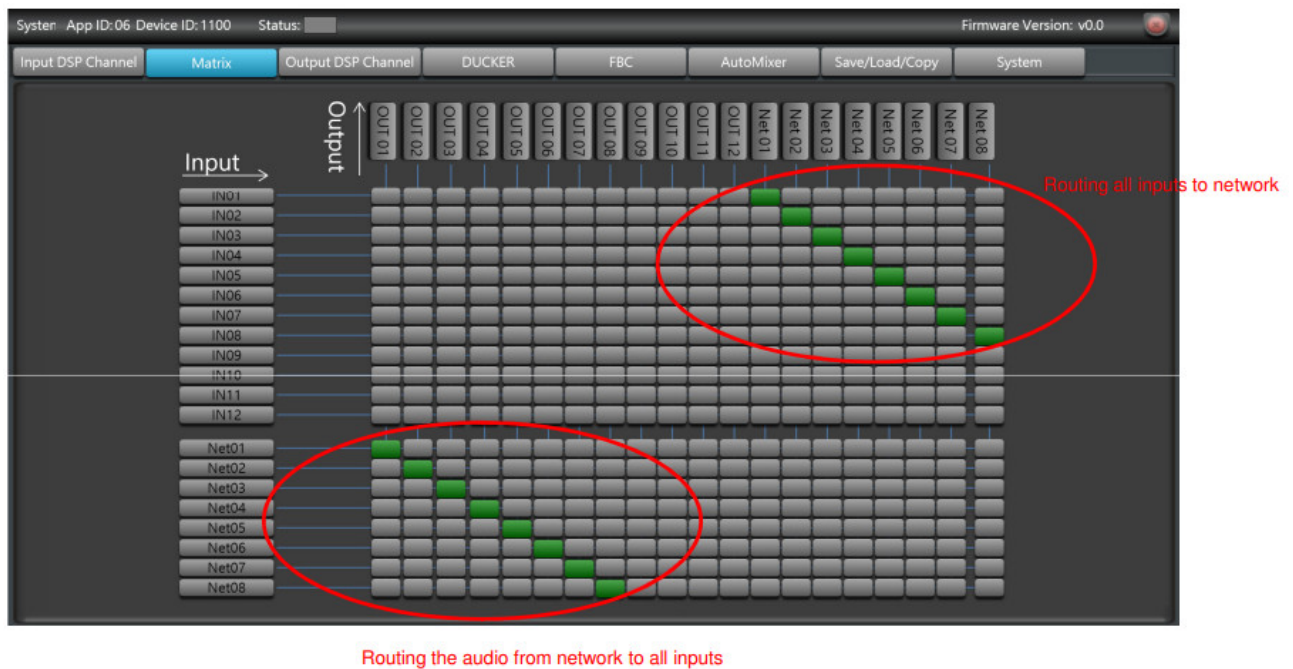
5. how to routing the signal in dante network?

   -Routing the dante network signal with the DANTE Controller
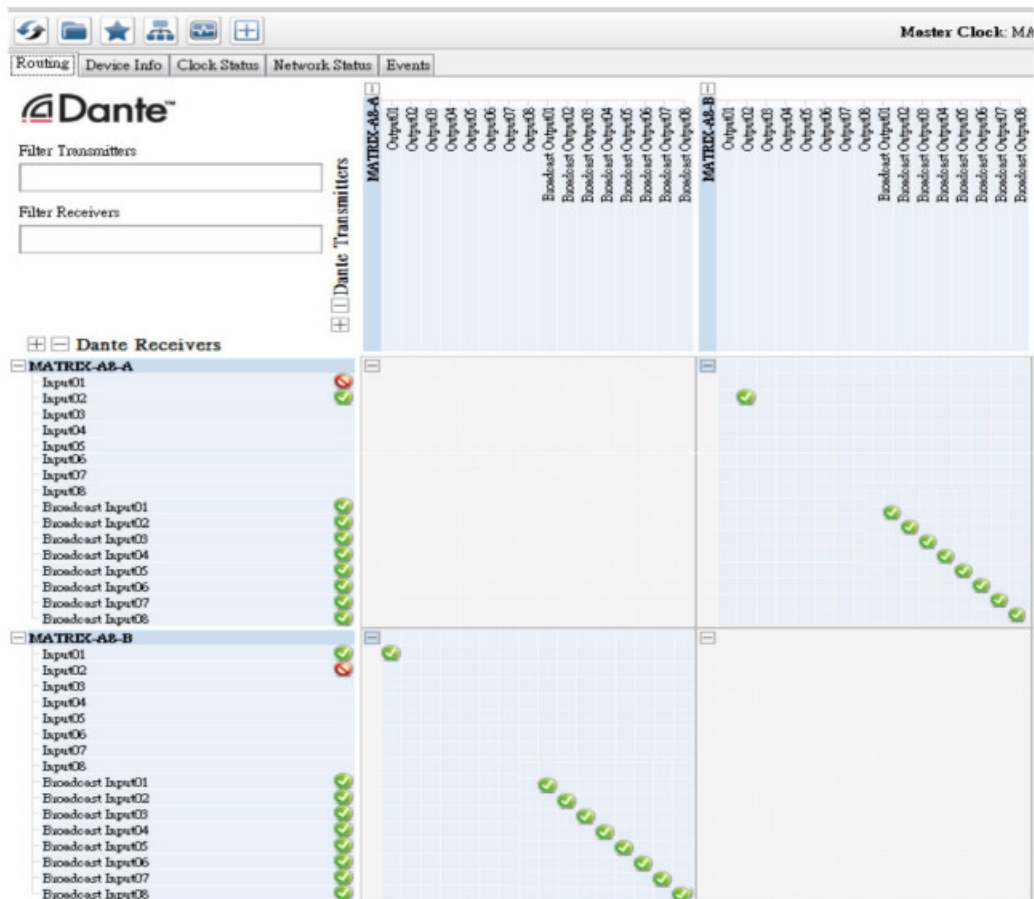
6. how to set up the for paging function?

-Update the DANTE Module firmware with "DANTE16_VER20170103BK32.dnt" firmware file

-open the DANTE CONTROLLER software , then we can see there are total 16 input/16 output channels for each device.

BroadCast Input01-08/ BroadCast output01-08 channels are used for paging signal transmit and received.

-routing the first one device BroadCast output01-08 channels to the second one BroadCast Input01-08,

routing the second one device BroadCast output01-08 channels to the third one BroadCast Input01-08,

—-routing the last one device BroadCast output01-08 channels to the first one BroadCast Input01-08, so that all the MATRIX A8 can share the paging signal , for example:
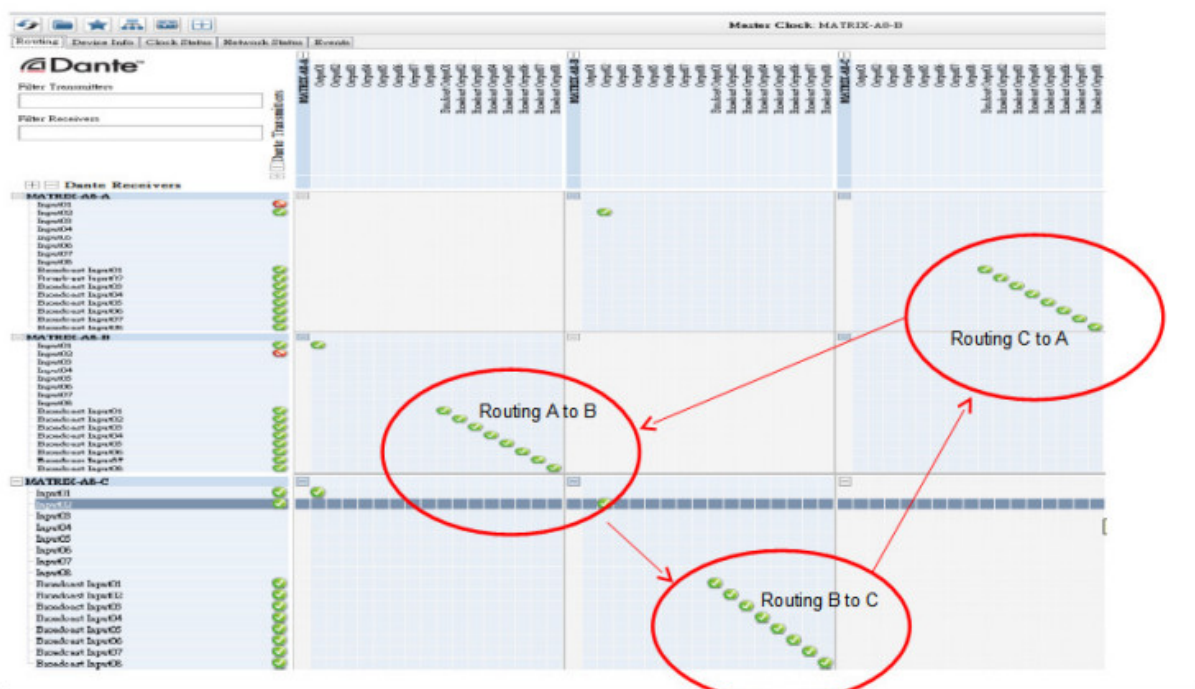
7. how to add more device?

   -drag out the device from the device list to add to the system
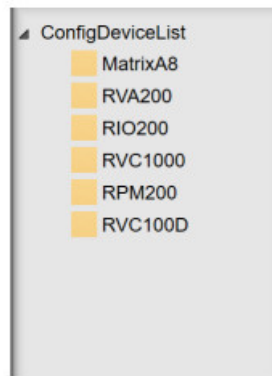
8. how to change the device ID or delete the one device

   -before connect the system, the user need to set up the device ID, The device ID should be same as the ID that the user wantto connect to.

9. After set up, the system would automatically to assign the ID for each device in this system

   -the user can see the ID number in LCD screen except RIO-200. The first 2 number of RIO-200 ID is same as the Matrix A8 that it connected to.

   if the RIO-200 connect to RD9/10 Port of Matrix A8,the last 2 number should 50. for example ,if Matrix A8 ID==0X1000 then RIO-200 ID==0x1050

   if the RIO-200 connect to RD11/12 Port of Matrix A8,the last 2 number should 60.for example ,if Matrix A8 ID==0X1000 then RIO-200 ID==0x1060

Documents / Resources

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