

# A128/A64

## 128 x 128 / 64 x 64 Analog Audio Modular Routers



### Key Features and Benefits

- ⊕ High Density 9RU or 5RU frame (9RU is required for 128x128 routers)
- ⊕ Low power consumption
- ⊕ 32x32 module cards
- ⊕ Easy upgradability
- ⊕ Redundant load sharing power supplies
- ⊕ Redundant system controllers
- ⊕ Independent control of two 64x64 sub-matrixes (for 128x128 router)
- ⊕ No active component on rear panel
- ⊕ All active components hot-swappable and front loaded
- ⊕ Serial interface and TCP/IP LAN connectivity
- ⊕ Panel bus with TCP/IP LAN connectivity
- ⊕ SNMP agent
- ⊕ Extensive surveillance/alarming/logging
- ⊕ Flash power down memory

### Technical Specifications

#### INPUTS

- TYPE : BALANCED
- CONNECTOR : DB25 FEMALE
- IMPEDANCE : > 10KΩ
- CMRR: > 60DB
- MAX. LEVEL: +23DBU

#### OUTPUTS

- TYPE : BALANCED
- CONNECTOR : DB25 FEMALE
- IMPEDANCE : < 66Ω
- CMRR: > 40DB
- MAX. LEVEL: +23DBU

#### PERFORMANCE

- FREQUENCY RESPONSE: 20HZ – 125KHZ (-3DB), 20HZ-20KHZ +/-0.1DB
- ADJACENT CROSSTALK: > 100DB, 20HZ-20KHZ
- SNR: < -90DBU(A)
- THD+N: <0.01% AT 6DBU
- CLICK NOISE: <-50DBU

### Ordering Information

Each of the frame versions stated in the ordering information includes the cross-point cards for the selected size and one power supply module. A Syscon-SM system controller card **MUST** be ordered for each router (the controller may also be ordered with various 3rd party interfaces).

- Other options include:
- Redundant power supply module
  - Redundant Syscon-SM
  - Single/redundant GYDA-M128 optional router control module for SNMP and Web-based interaction

### Ordering Information for AXXXX Models

<p><b>DESCRIPTION:</b> Network 64 series frame for analog audio, 5RU, equipped 32x32, expandable up to 64x64 in steps of 32x32. Incl. Single Power Supply</p> <p><b>ORDER NO.:</b> NTW-A3232S</p>	<p><b>DESCRIPTION:</b> Network 128 series frame for analog audio, 9RU, equipped 96x96, expandable up to 128x128 in steps of 32x32. Incl. Single Power Supply</p> <p><b>ORDER NO.:</b> NTW-A9696M</p>
<p><b>DESCRIPTION:</b> Network 64 series frame for analog audio, 5RU, fully equipped 64x64. Incl. Single Power Supply</p> <p><b>ORDER NO.:</b> NTW-A6464S</p>	<p><b>DESCRIPTION:</b> Network 128 series frame for analog audio, 9RU, fully equipped 128x128. Incl. Single Power Supply</p> <p><b>ORDER NO.:</b> NTW-A128128M</p>
<p><b>DESCRIPTION:</b> Network 128 series frame for analog audio, 9RU, equipped 32x32, expandable up to 128x128 in steps of 32x32. Incl. Single Power Supply</p> <p><b>ORDER NO.:</b> NTW-A3232M</p>	<p><b>DESCRIPTION:</b> X-point card for modular A family. Complete, includes input and output drivers. For upgrades in steps of 32x32 and as a spare part.</p> <p><b>ORDER NO.:</b> NTW-XC-A-M3232</p>
<p><b>DESCRIPTION:</b> Network 128 series frame for analog audio, 9RU, equipped 64x64, expandable up to 128x128 in steps of 32x32. Incl. Single Power Supply</p> <p><b>ORDER NO.:</b> NTW-A6464M</p>	