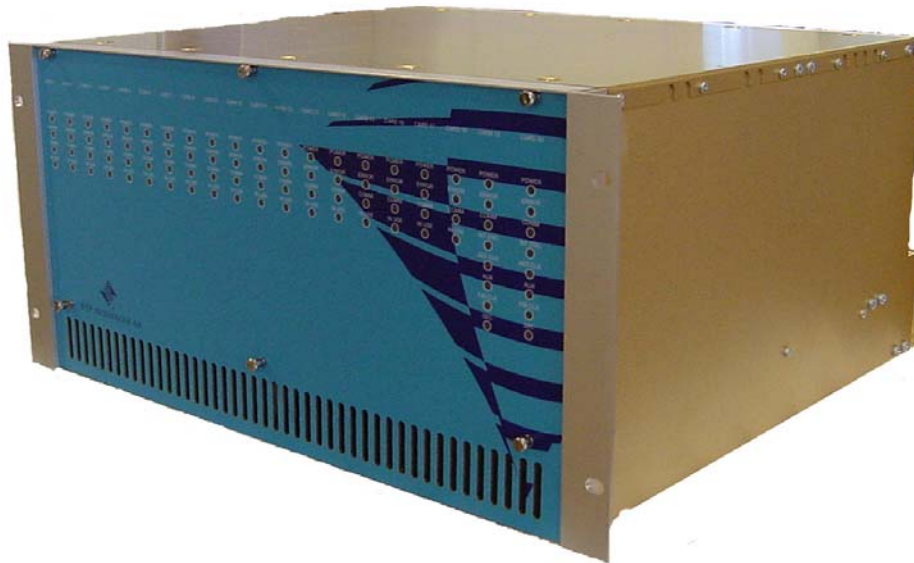




## 625-80X Series Audio Routing Switcher Base Unit

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### General description

The new audio routing Base Unit provide a solution with fewer boards and a higher switching density, with up to 2048x2048 cross point solution in a relatively small physical size 5 RU 19" frame.

The Base Unit is equipped with redundant controller and redundant power supplies with fan, which will have air intake in the lower front and outlet in the upper rear panel.

The modular NTP Technology 625 Digital Multinorm Audio Routing Switcher is available in four versions.

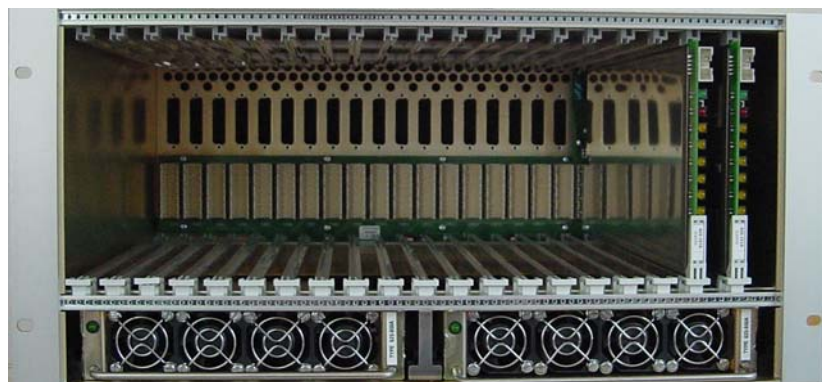
The Base Unit are fitted with different back plans that's includes the TDM bus.

- ◆ 625-801 is a single TDM bus version, 512x512 cross point solution
- ◆ 625-802 is a dual TDM bus version, 1024x1024 cross point solution
- ◆ 625-803 is a triple TDM bus version, 1536x1536 cross point solution
- ◆ 625-804 is a quad TDM bus version, 2048x2048 cross point solution

The Audio Routing Base Unit is flexible and with slots for 20 NTP cards. Card positions no 1 to no 18 accepts all types of NTP Input/Output cards (analogue, digital or MADI), TDM-bus cards (QUAD TDM cards and TDM cards), and DSP/GPIO cards.

Card positions 19 and 20 are only for NTP Controller cards.

- ◆ **The 625-80X Series Audio Router Switcher Base Unit are backward compatible to earlier 625 generation**





## 625-80X Series Audio Routing Switcher Base Unit

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The rear panel is equipped with the following connectors for interfacing;

- ◆ Two AC mains input connectors (3-pole Euro Mains receptacles with fuse)
- ◆ RJ 45 connector for the 625-800 card frame to the Ethernet via which the communication with the controller takes place.
- ◆ RS-232 connector (9-pole D-sub connector, male). This connector is used for serial control of small systems with max one 625-801 series card frame.
- ◆ One AES/EBU reference clock output connector (3-pole XLR connector, male). The master clock signal used by the system is available on this connector.
- ◆ Two AES/EBU format Sync input connectors (3-pole XLR connector, female). These connectors are used for input of two (different) external AES/EBU clock signals. The input can be switch selected to 110 ohm or high impedance (10 k-ohm).
- ◆ Two AES/EBU format Sync output connectors (3-pole XLR connector, male). These connectors are used for output (loop-through) of the two external AES/EBU format clock signals to other card frames.
- ◆ Three monitor output connectors (3-pole XLR, male). These connectors are used for digital and analogue stereo, one left and one right monitor outputs respectively.
- ◆ Two rotary switches for setting the frame address. One for the MSB (most significant bit) and one for the LSB (least significant bit). The frame address is factory set.

### TECHNICAL SPECIFICATIONS

#### General:

Supply voltage	90—260 V AC 50-60 Hz
Power consumption (Depending on card configuration)	300 VA at 60% rating
Temperature	0-40° C

#### Mechanical Dimensions:

Width (inc. Mounting flaps)	482.8 mm (19 inches)
Width (excl. Mounting flaps)	449 mm
Height	220 mm (5 RU)
Depth	300 mm