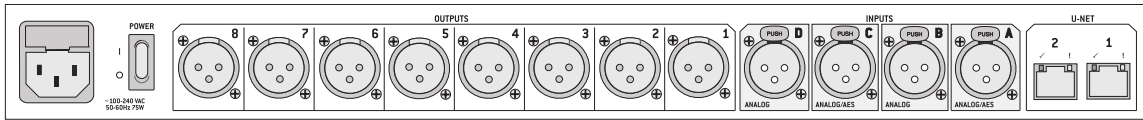


UX8800 Front Panel



UX8800 Rear Panel

## 1 Basic Tasks

- Connect audio signal cables, power cable, and, if needed, computer cable.
- Select the operating mode and input signal type(s).
- Select the signal source(s) for each input channel.
- Adjust input channel EQ, gain, polarity, and delay.
- Select the source for each output channel.
- Adjust output channel crossover filters, EQ, gain, polarity, limiting and delay.

## 2 Hardware Installation

### 2.1 AC MAINS

The universal power supply maximum operating range is 100 V to 240 V, 50 Hz to 60 Hz.

Use supplied IEC-type ac mains cable with Nema connector for nominal 115 V or with Schuko connector for nominal 230 V.

### 2.2 INPUTS A TO D

Cable: 2 conductor plus shield

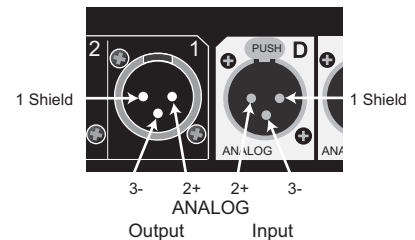
Mating Connector: XLR-3 male

Analog:

- Pin 1 Shield
- Pin 2 Signal + or high
- Pin 3 Signal - or low

Digital (AES/EBU):

- Pin 1 Signal ground (shield)
- Pin 2 Signal
- Pin 3 Signal



ANALOG Input

Output

ANALOG/ES

ANALOG/ES

ANALOG/ES

ANALOG/ES

ANALOG/ES

ANALOG/ES

ANALOG/ES

ANALOG/ES

ANALOG/ES

ANALOG/ES

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### 2.3 OUTPUTS 1 TO 8

Cable: 2 conductor plus shield

Mating Connector: XLR-3 female

Analog:

- Pin 1 Shield
- Pin 2 Signal + or high
- Pin 3 Signal - or low

ANALOG Input

Output

ANALOG/ES

ANALOG/ES

ANALOG/ES

ANALOG/ES

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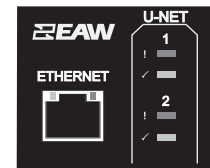
### 2.4 ETHERNET

For control of the processor using EAWPilot

Cable: Ethernet CAT-5 cable or better

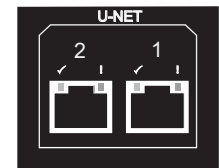
Mating Connector: RJ-45

Wiring Configuration: Crossover (supplied) for direct to computer connection  
Standard to a hub or switch



FRONT PANEL

Ethernet Port / U-Net Indicators



REAR PANEL

U-Net Ports

### 2.5 U-NET

For networking audio and computer control between multiple U-Net enabled products.

Cable: Ethernet CAT-5 cable or better

Mating Connector: RJ-45

Wiring Configuration: Standard or crossover (supplied): the ports auto-sense the wiring

## 3 EAWPilot Software Installation

Install the EAWPilot™ program on a computer with the Microsoft® Windows™ operating system: XP, 2000, NT, ME, or Windows 98..  
See EAWPilot's Help file for EAWPilot's operating instructions.

## 4 Operation

### NOTES:

The steps in Section 4.1 correspond to the diagram.

These steps do not include all available operating parameters nor are they in the appropriate order for all situations.

#### 4.1 ADJUST BASIC OPERATING PARAMETERS (UX8800 front panel or EAWPilot)

1. Global Setup:
  - Operating Mode: Select 'System Processor'
  - Inputs A & B / Inputs C & D: Select the input signal type: Analog or AES Ch 1 & 2
  - Temperature: Adjust value to current conditions
2. Channel A to Channel D Source: Select one or two signal sources for each input
3. Channel A to Channel D
  - Delay: Adjust signal delay
  - EQ: Adjust equalization parameters
  - Level: Adjust gain and polarity
4. Channel 1 to Channel 8 Source: Select an input channel signal source for each output
5. Channel 1 to Channel 8
  - X-Over HPF / LPF: Adjust crossover parameters
  - EQ: Adjust equalization parameters
  - Gain / Polarity: Adjust gain and polarity
  - Limiter: Adjust limiting parameters
  - Delay: Adjust signal delay

### UX8800 QUICK START DIAGRAM System Processor Mode

