XP-3060

- **3x6 matrix DSP system controller**
- **Supplied with XConsole GUI**
- **Connectivity RS232, USB and CAT5 Ethernet (wireless ready)**
- **24 bit AD/DA converters**
- **Sampling rate 96 kHz – 40 bit floating point DSP**
- **650ms Delay per Input and Output**
- **Crossovers, Compressors and Limiters**
- **31 Band, 1/3 Octave GEQ per Input**
- **8 Band PEQ per Input and Output**
- **Phase correction, 30 Presets, Password protection**
- **Up to 16 devices in the same network**
- **Optional: XPanel programmable Ethernet remote wall controller**

Available as XP-3060 or as XP-3060M were all inputs can be adjusted for either Line or Microphone levels, switchable 48 Volt Phantom power included.

Six years after we introduced our first classic series processors, we redesigned the total concept:

- Incorporated our latest four layer " State-of-the-Art " Analog and DSP boards.
- Carefully sourced top quality components, like Cirrus Logic converters and an Analog Devices Sharc DSP, that we programmed using accurate and precise algorithms.
- Added a reliable over dimensioned Japanese Switching Power Supply that accepts voltages between 90 up to 265 volts AC.

The XP-3060 can be configured stand alone, or (wireless) remote controlled via the supplied XConsole GUI. This Graphic User Interface not only gives a clear overview off all settings, but at the same time provides you with real time hands on control over all your system parameters. For both fixed and touring applications, the XP-3060 offers you reliable top high end audio quality at a friendly and unbeatable price point.

XILICA
Audio Design

XP-3060
Specifications

Impedance
Input Impedance: >10k Ohms
Output Impedance: 50 Ohms
Maximum Level: +20dBu
Type: Electronically balanced

Audio Performance
Freq Response: +/- 0.1dB (20 to 30kHz)
Dynamic Range: 115 dB typ (unweighted)
CMMR: >100dB (50 to 10kHz)
Crosstalk: < -100dB
Distortion: 0.002% (1kHz @ +4dBu)

Digital Audio Performance
Processor (DSP): 40-Bit Floating Point
Sampling Rate: 96kHz
Analog Converters: Super Performance 24-bit
Propogation Delay: 1.5ms

Audio Control Parameters
Gain: -40 to +15dB in 0.25 dB steps
Polarity: +/-
Delay: Up to 650 ms per I/O

Equalisation
Variable Equalizers: 8 per I/O
Type: Parametric, Hi-shelf, Lo-self,
        Phase (1st and 2nd order)
Gain: -30 to +15dB in 0.25dB steps
Bandwith: 0.02 to 2.50 Oct (Q=0.5 to 72)
Graphic EQ: 1 per Input, 31 Band 1/3 Oct steps

Crossover
2 Individual filters per I/O
Type: Butterworth, Linkwitz Riley, Bessel
Slopes: 6 to 48dB per Octave

Compressors and Limiters
1 Compressor per input channel
1 Limiter per output channel
Threshold: -20 to +20dBu
Attack: 0.3 to 100ms
Release: 2 to 32x the attack time
Ratio: 1:1 to 1:40 (Compressor Only)

System Parameters
No. Of Programs: 30
Delay Units: ms, ft, m
Frequency Modes: 36 steps/Oct, 1Hz Resolution
Security locks: Password
Channel names: 6 Characters

Front Panel Controls
Display: 2x16 Characters Backlit LCD
Level meters: 5 Segment LEDs
Buttons: 9 Mute/Channel Controls
        6 System Menu Controls
        1 Dial Encoder

Connectors
Analog: 3-pin XLR
RS-232: Female DB-9
USB: Type B
Ethernet: Standard CAT-5
Power: Standard IEC Socket

General
Power: 90-265 VAC (50/60Hz) – 20VA
Dimensions: 19"x1.75"x9"
(483x44x229mm)
Weight: 10 lbs / 4.6 Kg

Note: specifications subject to change without notice