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XSERIES

NEVER BEFORE HAS THE AMPLIFIER REACHED SUCH A HIGH LEVEL OF INTEGRATION

Processing, routing, measurement, control and power distribution are now included into a single platform. X Series by Powersoft: amplification evolved.

☒ Touring
☒ Installation

8 lo-Z
hi-Z
channels

Dante™

CHANNEL
ROUTING

SRM

PFC

THREE PHASE
LOAD BALANCING

Armonía
Pro Audio Suite™



Powersoft X4 Amplifier

Reviewed by Alex Seah, project manager at AV World Engineering (Singapore)



Product overview

The Powersoft X Series consists of the X4 and X8 power amplifiers that have four and eight channels respectively. The X4 series evolves the concept of the amplification platform through the integration of a worldwide compatible power-box and a full feature DSP inside the power amplifier.

The X4's complete digital audio signal management system is based on ARM Cortex A-8 processor and TI C6000 DSP platform. It provides non-boolean routing and mixing, multi-stage equalisation with raised-cosine, IIR and FIR filters, delay up to 4 s in input processing and 200 ms for time alignment, gain and polarity adjustment, crossover, peak limiters, TruePower limiters and Active DampingControl.

The power supply permits worldwide AC acceptance and direct connection to any regional power line configuration: it is now suitable to Single Phase, Bi-Phase or Three Phase operation from 85 VAC up to 440 VAC without need of manual selection. True Three Phase load balancing is directly achievable by the unit without any complex load assignment in the power distribution system design.

Why did you choose this product?

It's a newly launched amp and the details of it sounded good. So I tried it with one of my customers to drive their FBT line array system. I used it in the installation because I can use the power input in a single phase or three phase power supply for the amp. It has built-in Wi-Fi so I can make some minor adjustments to mute the channel or change the gain of individual inputs remotely via an iPad. I just have to key in the IP address and can hook in very quickly. Also, the price is competitive compared to the other brands I have checked out. Previously I have been using Powersoft K series and B series amps and they have been serving me very well.

What do you like about using it?

The power rating is fantastic and given it is a 1U for a four channel amp it is very space-efficient to use in the rack. This is a compact unit; the previous amps I was using from other brands in the market were 2U or 3U.

What additional features would you like to see?

I would like to see an improvement to the Wi-Fi connection so more features can be adjusted, like the delay and making settings for the crossover. I want my customers to be able to use the iPad to make any adjustments to the speaker output.

In which applications are you using the product?

I used two Powersoft X4 amplifiers in Singapore Zoo in the show amphitheatre. They were driving an FBT 142L line array system. The client is very happy with the system. I will be using it again in projects that I have coming up, including in one of the lecture theatres at NUS Singapore University. I am using a line array system in there so my first choice will be Powersoft. 🎶