



XB6 MK3 System Controller – Technical Specifications (rev:3 10/06/05)

General Detail.

The XB6 is a two input, two output, system EQ, designed to add a 6th Order EQ to the signal chain.

- Left and right balanced line inputs.
- Left and right balanced line outputs.
- High pass filter on outputs, 6th order EQ @ 40Hz.

Technical Specification

THD:	• Less than 0.01% 20Hz – 20KHz odBV
En (output):	• 22Hz – 22KHz Less than-90dBV
Mains Voltage:	• 230V 50/60Hz
XLRs wired:	• Pin 1 = Earth Pin 2 = Hot Pin 3 = Cold
Dimensions (1 unit):	• 483mm (W) x 44mm (H) x 260mm (D)
Packaged dimensions:	• 545mm x 360mm x 180mm
Weight:	• 2.0kg (2.5kg when packed)

Application

The XB6 is designed to be inserted in the signal chain between mixer and amplifier in passive systems, or between crossover low pass outputs and amplifier in bi-amp systems. The unit applies a 6th Order EQ to the signal chain to optimise bass response on Logic System bass enclosures. The effect is to make the frequency response flat to the tuning point at 40 Hz but to roll out the response below 40 Hz at 36Db/Oct. This enhances bass performance and gives excellent protection against over excursion of bass drivers below the tuning frequency.

Warning

The XB6 must not be used to drive product from other manufacturers.

When the XB6 can be used to optimise the bass performance of any Logic System bass enclosure from either the bass range, Cs1296 system or X series bass cabinets. The XB6 is not intended for use with fullrange enclosures and such an application is not recommended.

Miscellaneous

- This product is supplied with a Neutrik Powercon mains lead. There is also a Powercon mains output, which enables you to power both XB6 and associated amplifier from the same source.