

Cardinal MDU brings peace of mind

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dB Broadcast's recently upgraded Cardinal range of intelligent mains distribution units has proved popular by providing peace of mind and fully automatic operation.

Many modern PSUs used with broadcast equipment cause individual inrush currents as high as 30-120A, so the Cardinal iMDU range has been designed to avoid these high inrush currents at switch on.

The specification list is impressive, with single input and dual input changeover versions available - switching to the back-up input supply is automatic on power fail of the main source. Both versions are now capable of handling inrush currents of up to 200A total and 60A per individually switched output. 12 separately controlled outputs are available with sequential switching of outputs.

Also popular are the intelligent features such as the intuitive web based user interface to remotely configure and control outputs and SNMP traps, SNMP MIB based control and monitoring and e-mail messaging that can send alerts when faults occur, including loss of supply power and blown fuses. The units have an error log to record events, GPIO handling and an optional external temperature and humidity sensor to monitor environmental conditions in the equipment rack.

This combination of high inrush current capability, high reliability and changeover option ensures that demand for the Cardinal range is strong. Systems managers wanting to make sure their installations are ready for the challenges produced by current and future equipment can easily justify use of these 1RU units in the broadcast chain.

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Press Release

About dB Broadcast

dB Broadcast (dB) is one of the UK's largest and most successful independent systems integrators. dB is expert in broadcast system design and installation from studio through to transmission. With purpose-built headquarters in Cambridgeshire, UK, dB has 22,000 square feet of space for prefabrication and test of customer systems.

dB also designs and manufactures products for the broadcast industry including: Hawkeye for switching and monitoring all types of broadcast signals, MERlin DVB-T2 and DVB-T monitoring receivers, Showman multi-standard analogue TV receiver/demodulator and the Cardinal range of mains distribution units (MDUs).

www.dbbroadcast.co.uk



System integration from studio through to transmission