

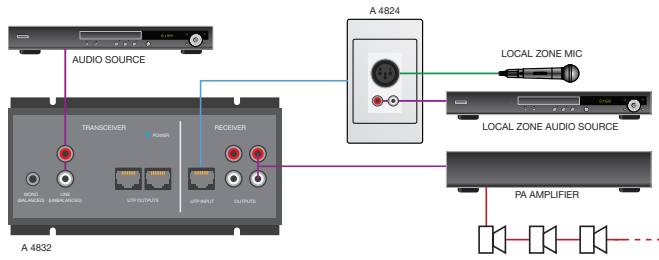
▼ Signal Processing

Audio Signal Distribution System

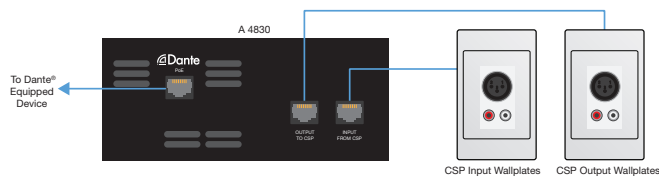


Distributed audio signals over UTP cabling are becoming increasingly widespread in large building installations and multi-function venues. This suite of products, used together provide a connected solution for local zone inputs, feeding signals back to centrally located zone amplifiers. The system uses a proprietary standard called CSP which can be easily converted to the widely adopted Dante standard using the A 4830/A 4831 converter boxes. Wallplates can also be used in a stand-alone point to point basis, allowing balanced and unbalanced signals to be sent over long distances (up to 600m depending on cable used and configuration of plates). To simplify installation power is only required at one end of the cable run and most plates can be daisychained to additional plates. Each standard electrical wallplate is provided with the Altronics dual cover fascia to suit existing installation decor.

A 4832 Example System Diagram



Dante Connection via A 4830



- CSP transfer protocol with Dante compatible converters available
- Suitable for balanced and unbalanced signals
- Daisychain topology loop outputs (on most models)
- Local power input (powered at one end of cable run)
- Adjustable mic input gain

Price Each	RRP	2+	4+
Input Wall Plates			
A 4820 XLR input	185.00	169.00	159.00
A 4821 Stereo RCA / 3.5mm input	195.00	179.00	169.00
A 4822 Stereo RCA input	185.00	169.00	159.00
A 4824 XLR / Stereo RCA input	205.00	189.00	179.00
A 4825 Dual XLR input	285.00	265.00	249.00
Output Wall Plates			
A 4826 XLR / Stereo RCA output	199.00	185.00	175.00
A 4827 XLR output	185.00	169.00	159.00
A 4828 Stereo RCA output	195.00	179.00	169.00
Interface Boxes			
A 4832 Local input/output hub	240.00	219.00	199.00
A 4830 Dante input/output converter	499.00	449.00	399.00
A 4831 Dante 2 input / 4 output converter	795.00	719.00	639.00

Dante® Multi Input Wall Plates



These commercial dual wall plates convert mic or line level audio signals to Dante network, allowing signals to be run over long distance back to a Dante equipped amplifier or mixer. Mic or line is configurable for each input, plus phantom power and adjustable gain ($\pm 20\text{dB}$). In-built 24 bit DAC ensures excellent low noise signal quality, whilst PoE input simplifies installation. Output is via Dante RJ45 connection or terminal blocks for local audio outputs (A 4818 is provided with 3.5mm jack output on front panel).

- Converts audio signals to Dante network
- Mic/line selectable
- Phantom power selectable
- Adjustable gain
- 24 bit DAC
- PoE receiver plus 24V DC input terminals
- Balanced or unbalanced signals
- Low noise design
- Dual gang wallplate design

Price Each	RRP	2+	4+
A 4816 4 XLR Input / 2 Terminal Output	899.00	809.00	719.00
A 4818 2 XLR + 3.5mm Input / 2 Terminal + 3.5mm Output	899.00	809.00	719.00

Dante® Audio Over IP Balun System



These quality Dante interface boxes allow for conversion of analog audio signals into Dante channels for sending audio over IP. These allow for high quality audio signals to be transferred over very long distances without signal loss using economical UTP cabling. Each device is PoE enabled allowing easy powering from a standard 802.3af compliant PoE switch. Balanced input is provided via euro block connection on the receiver, whilst RCA stereo line output is provided on the transmitter.

- Dante Interface for audio output
- Terminal block input jack on front panel
- Converts line audio signal to Dante Network
- Input gain control on front panel
- Dante sample rates support: 44.1, 48, 88.2, 96KHz
- High resolution analog to digital conversion
- Power over Ethernet (PoE)
- Excellent audio quality

Price Each	RRP	2+	4+
A 3164 Transmitter	499.00	449.00	399.00
A 3165 Receiver	529.00	476.00	423.00

Active Three Pair Audio Signal Distribution



This audio distribution system uses affordable UTP cabling to send up to three balanced inputs (terminal block) or mono RCA signals over long distances. Utilising CSP protocol they can be used as a standalone point to point system or in conjunction with the wallplates above. Power is provided by local DC input or via RJ45 jack at one end of the cable run.

- Transmits three balanced audio signals or 3 unbalanced line level signals
- CSP transfer protocol with Dante compatible converters available (see A 4830/31)
- Local power input (powered at one end of cable run)

Price Each	RRP	2+	4+
A 4834 Transmitter	170.00	159.00	145.00
A 4835 Receiver	240.00	219.00	199.00