



Components & Connectors

Short Form Brochure

DELTRON *Components*



 **Alpha3**
manufacturing

XLR Connectors

The Deltron range of XLR audio and video connectors incorporate many innovative features.

The cable mounting plugs and sockets feature robust die-cast metal back shells or plastic back shells both incorporating an anti-vibration collar.

The Deltron XLR chassis range can be front or rear panel mounted and is available in nickel or black chrome shell finish, with either silver or gold plated contact options.

Deltron XLR connectors incorporate a range of universal panel mounting connectors which utilises the same panel mounting cut-out for both plugs and sockets, which makes the product range extremely versatile. The universal range of connectors is also available in a non-latching version for users who prefer the slightly faster disconnection that this type of connector allows.

Series	Product	Image	Shell Finish	Contacts	Pin Configuration
701/709/ 705/713	Cable Plug - Die Cast Metal Back Shell		Nickel / Black	Silver / Gold	3, 4 and 5 pin
700/708/ 704/712	Cable Socket - Die Cast Metal Back Shell		Nickel / Black	Silver / Gold	3, 4 and 5 pin
800/804/ 802/806	Cable Socket - Plastic Back Shell		Nickel / Black	Silver / Gold	3, 4 and 5 pin
801/805/ 803/807	Cable Plug - Plastic Back Shell		Nickel / Black	Silver / Gold	3, 4 and 5 pin
703/711/ 707/715	Panel Plug		Nickel / Black	Silver / Gold	3, 4 and 5 pin
702/710/ 706/714	Panel Socket		Nickel / Black	Silver / Gold	3, 4 and 5 pin
717/719/ 723/725	Universal Panel Mounting Plugs		Nickel / Black	Silver / Gold	3, 4 and 5 pin
716/718/ 722/724	Universal Panel Mounting Sockets		Nickel / Black	Silver / Gold	3, 4 and 5 pin
717/719/ 723/725-01	Universal Panel Mounting Plugs - Non Latching		Nickel / Black	Silver / Gold	3, 4 and 5 pin
716/718/ 722/724-01	Universal Panel Mounting Sockets - Non Latching		Nickel / Black	Silver / Gold	3, 4 and 5 pin
730	XLR Microphone Leads		Nickel / Black	Silver / Gold	3 or 5 metre

DIN Connectors

The Deltron range of DIN connectors is a fully screened robust range for use in instrumentation and audio applications.

These connectors are available in two finishes: bright nickel and non-reflective electrically conductive matt black. Robust construction incorporates cable grip and strain relief. The DIN range is manufactured to DIN 41524, 45322, 45326, 45327 and 45329.

Series	Product	Image	Shell Finish	Pin Configuration
610/611	Standard In Line Plug		Nickel / Black	3, 4, 5 (45°, 60°, Dice), 6, 7 and 8
590/591	Lockable In Line Plug		Nickel / Black	3, 4, 5 (45°, 60°, Dice), 6, 7 and 8
600/601	Standard In Line Socket		Nickel / Black	3, 4, 5 (45°, 60°, Dice), 6 and 7
690/691	Professional Circular PCB Mounting Socket		Nickel / Black	3, 4, 5 (45°, 60°, Dice), 6, 7 and 8
630	Flanged Panel Socket		Nickel / Black	3, 4, 5 (45°, 60°, Dice), 6, 7 and 8
671	90° PCB DIN Sockets		Nickel / Black	3, 5 (45°, 60°), 6, 7 and 8
650/651	Professional Circular Panel Socket		Nickel / Black	3, 4, 5 (45°, 60°, Dice), 6, 7 and 8
592	Standard In Line Ring Lockable Plugs		Nickel / Black	3, 4, 5 (45°, 60°), 6, 7 and 8
593	Chassis Ring Lock Socket		Nickel / Black	3, 4, 5 (45°, 60°), 6, 7 and 8

4mm Single Pole Connectors

Deltron's range of 4mm products offer many unique features and are manufactured to a very high standard.

This range caters for a broad range of instrumentation and speaker applications.

Series	Product	Image	Characteristics	Colour
550	Standard Banana Plug		Solder Bucket Termination	Black / Blue / Brown / Green / Red / White / Yellow
579/580	Standard Banana Plug		Large Solder Bucket Termination	Black / Blue / Brown / Green / Red / White / Yellow
583/584	Standard Banana Plug		Solder / Screw / Crimp Termination	Black / Blue / Brown / Green / Red / White / Yellow
557	Triple Contact Plug		Large Solder Bucket Termination	Black / Blue / Brown / Green / Red / White / Yellow
553	Stackable Plug		Screw Termination	Black / Blue / Brown / Green / Red / White / Yellow
555	Bunch Pin Side Stackable Plug		Screw Termination	Black / Blue / Brown / Green / Red / White / Yellow
576	4mm Audio Point		Knurled Screw Clamp Termination	Gold - Black/Red ID
577	Rear Speaker Coupling		Knurled Screw Clamp Termination	Gold - Black/Red ID
559	Stud Mounting Bunch Pin Plug		Threaded Termination	Nickel
551/563	Panel Mounting Socket		Solder Terminal / Solder Bucket Termination	Black / Blue / Brown / Green / Red / White / Yellow
571/572	90° PCB Insulated Socket		Single / Double Termination	Black / Blue / Brown / Green / Red / White / Yellow
552	Insulated Terminal		Thread Termination	Black / Blue / Brown / Green / Red / White / Yellow
303	Standard Crocodile Clips		Insulating covers available separately	Nickel
307	Large Insulated Crocodile Clips		Shrouded Jaws	Black / Red
304	Large Crocodile Clips		Insulating covers available separately	Nickel
351	Terminal Binding Post		Threaded Termination	Nickel
575	Miniature Probe		Contact hook and solder Termination	Black / Blue / Green / Red / White / Yellow
595	TS Cable Speaker Plugs			Black / Red
596	TS PCB Chassis Sockets			Black / Red

Phono Connectors

Deltron's range of professional phono plugs are manufactured from turned brass, with hollow centre pin contacts.

The ground contact features a patented 'T' slot design which provides a positive contact, even on undersized phono sockets. The range features spring cable strain relief, and the plugs can be fitted with colour coding rings for identification. Accepts cables up to 5.5mm diameter.

Series	Product	Image	Characteristics	Colour
330/331/ 332	Hollow Pin Phono Plugs		Black / Red / No ID Ring	Nickel / Gold / Black
346	Anodised Aluminium Back Shell		Black / Red / No ID Ring	Black / Blue / Red / Yellow
333/334/ 335	Solid Pin Phono Plugs		Plain or Black / Red ID Ring	Nickel / Gold / Black
320/321	High End Shrouded Ground Contact		Plain or Red / White ID	Gold / Black
340/341/ 342	Professional Phono Line Sockets		Plain or Black / Red ID Ring	Nickel / Gold / Black
431/432	Professional Phono Panel Sockets		Black / Red Insulator ID	Nickel / Gold
434	Colour Coded Washers for Panel Sockets			Black / Red
413	Phono Plug Hollow Pin with Insulated Housing			Black / Red



Deltron Components is a well-known and respected brand of professional audio connectors and components manufactured and supplied by DEM Manufacturing. We have an enviable reputation as leaders in this field and our products are used worldwide by OEMs in the electronics and broadcast industries.

Established in 1946 (Deltron Components Limited), the Deltron brand has continued to strengthen from its early years in London to its current location in North Lincolnshire. Our factory is fully compliant to BS EN ISO 9001:2008.

All of our products have been subjected to rigorous quality control procedures, resulting in an extensive product range which meets the needs of the most demanding manufacturing requirements. We offer quality products supported by an equally impressive service.

The Deltron brand exists within DEM Manufacturing alongside other brands such as Roxburgh EMC, Deltron Enclosures, BES and Media.

DEM Manufacturing is a division of the Alpha 3 Manufacturing group, which incorporates CCS Electronics, CTL Manufacturing, DEM Manufacturing, Tekdata Interconnections Limited, and the brands Eledis and Dubilier.



Contact Us

DEM Manufacturing
Deltron Emcon House
Hargreaves Way
Sawcliffe Industrial Park
Scunthorpe
North Lincolnshire
DN15 8RF

Tel: +44 (0) 1724 273200
Email: sales@dem-uk.com
Web: www.dem-uk.com/deltron-components



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