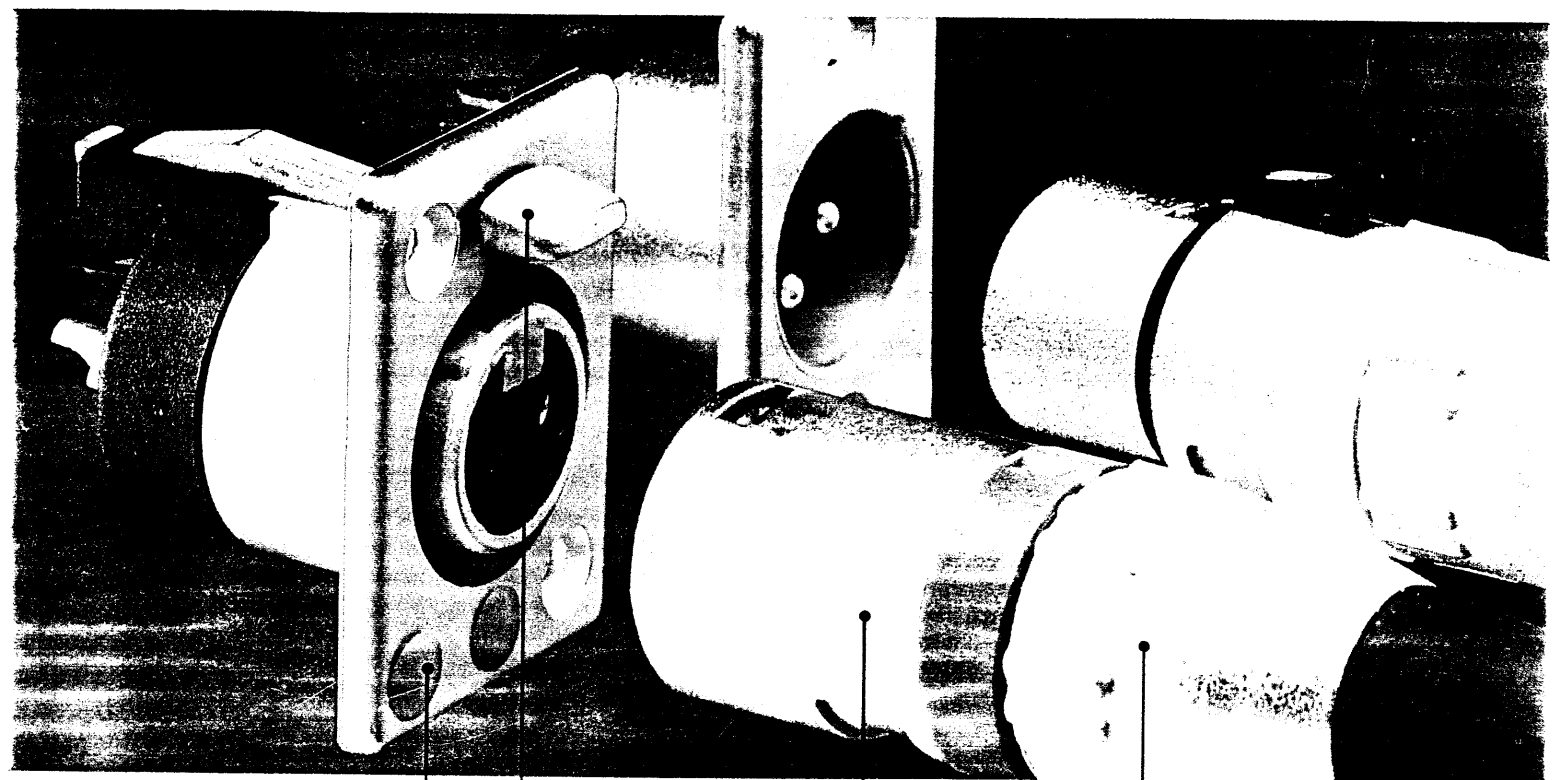


DELTRON
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**7000
SERIES**

211-275 TO 211-540.

The world's most advanced audio video multipole connector system



FLEXIBLE COLOUR CODING SYSTEM

UNIQUE 'SQUEEZE' CLIP

SCREWLESS ASSEMBLY

DIE-CAST BODY PARTS

The result of much research and development, this range of audio and video connectors employs many innovative features unique to the Deltron 7000 series.

The main body parts are all die-cast metal. Robust and smooth in operation providing tough, durable interconnections.

Assembly and disassembly is a quick few turns of the barrel: no fiddly screws. Inside there are generous sized solder buckets and a clever collet to ensure a very positive cable grip over a wide range of cable sizes.

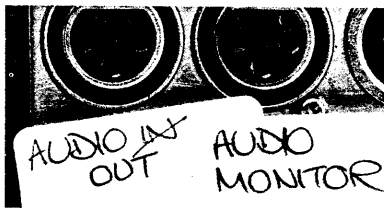
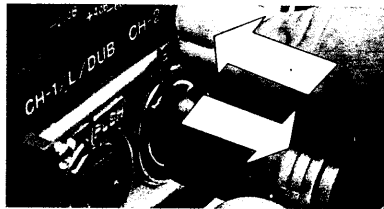
The female panel socket employs a unique squeeze clip which is very easy to use - just squeeze down and pull back.

And to complete the picture, a system of plastic coding tabs that have been developed for quick and easy identification. The colours give many permutations and enable the panel connector to be coded as well as the free connector.

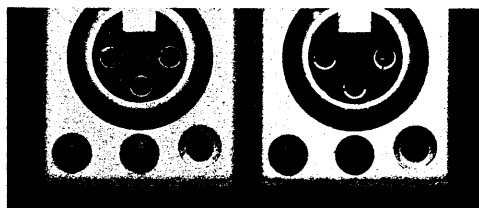
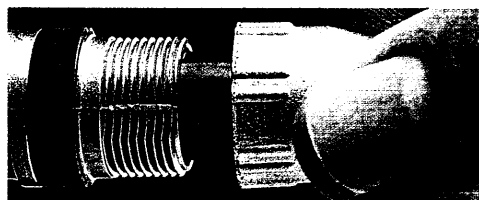
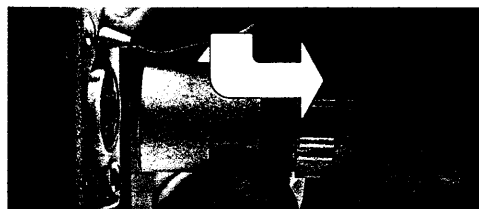
The free cable plugs and sockets are easy to assemble as the connector contacts can be soldered to the cable prior to assembly into the die-cast body, you only need to remember to slide on the die-cast strain relief and clever collet prior to soldering. The whole assembly is then just a slide and screw together operation.

Broadcast quality, foolproof precision.

► THE PROBLEM



► THE SOLUTION



Traditional female panel socket clips have to be pushed in – in order to pull out. This apparent contradiction has been uniquely solved by the Deltron squeeze clip. Withdrawal is very positive and fast. We have even improved the lock on the female plug to include a 'Thumbnail' groove.

There are no screws on our system, so you don't even need a screwdriver. In fact, a soldering iron is the only tool required. There's no more fussing around with tiny fittings. And unlike other plugs, they aren't rendered useless when screws are lost!

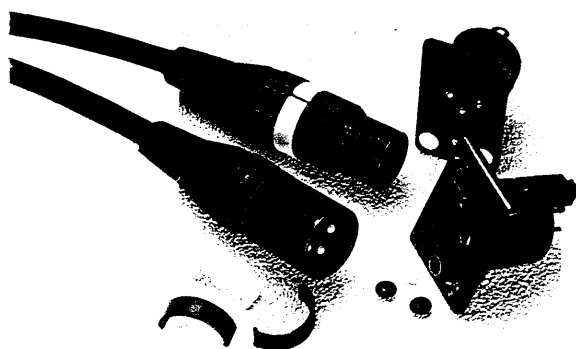
The unique colour coded plastic tab system gives you durable bright coding to both free plugs and sockets and panel plugs and sockets. Traditional systems only mark the strain relief boot and there is no foolproof way of marking panel mounted connectors.

► THE APPLICATIONS

There are many advantages of using the Deltron 7000 series multipole system.

The superb precision engineering of this range makes it a 'must' in broadcast and critical applications. The coding system means immediate identification and fast and accurate re-patching, where required.

The screwless assembly, together with the much improved release mechanism makes the 7000 Series more effective in use, especially in difficult or demanding environments.



DELTRON

7000 range self-latching connectors

Mechanical properties

Cable Retention	Chuck and Screw Collar
Cable Range	2.8mm to 8.0mm Diameter
Housings	Zinc High Pressure Die-castings Satin Nickel/Black Chrome Finish

Contacts Bases	Noryl (U.L. 94 V-1)
Contacts	Solid Brass Turned 3 Microns Silver Plated and Anti-Tarnish Finish

Latch	Zinc High Pressure Die-castings Satin Nickel/Black Chrome Finish
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Strain Relief	Santoprene (U.L. 94 H.B.)
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Sealing Rings	Santoprene (U.L. 94 H.B.)
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Chuck	Acetal (U.L. 94 H.B.)
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Screw Collar	Zinc High Pressure Die-castings Satin Nickel/Black Chrome Finish
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Wiring	Solder Buckets
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Earthing	Spring Steel Tag 3 Microns Silver Plated and Anti-Tarnish Finish
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Interchangeable Connector Identification	Spring-on Coloured Half Rings and Buttons Acetal (U.L. 94 H.B.)
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Identification Options	Yellow, Brown, Blue, Green, Red, White, Black and Clear
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Operating

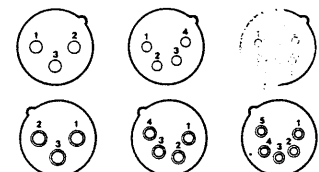
Temperature	-30°C to +80°C
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Insertion Force	≤ 20 N
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Withdrawal Force	≤ 10 N
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Electrical Properties

Number of Contacts	3 4 5
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Rated Current

Per Contact	16 10 7.5 Ampere
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Maximum Wire Size	12 16 18 A.W.G.
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Capacitance Between

Contacts	≤ 4 ≤ 7 ≤ 7 pico-Farad
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Rated Voltage	250 Volts a.c.
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Test Voltage	1500 Volts a.c.
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Contact Resistance	≤ 3 milli-Ohm
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Insulation

Resistance	≥ 1 giga-Ohm
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