

Chelton TETRA Airborne Solution



Chelton's airborne solution houses a Sepura SRG3500 radio and provides air-to-ground TETRA communications

Chelton is a world-leading supplier of avionic-standard airborne TETRA systems, with more than 150 systems delivered and installed world-wide.

Chelton's latest product features the Sepura SRG3500, housed in a custom designed chassis. Chelton's expertise is in the design, installation and maintenance of aeroplane and helicopter communication systems that support its industry standard night vision compatible Control and Display Unit (CDU). The CDU is available in single, 2-way and 4-way split screen and can support up to 4 individual radio's, either analogue or TETRA.

The Chelton system can be installed in the front or rear of the cockpit and if space is available, can support dual installations.

The Chelton solution is approved by the UK

Civil Aviation Authority Design Organisation, the UK Civil Aviation Authority ANO Production, the European Aviation Safety Agency, the Defence Procurement Agency for Aircraft and Airborne Equipment and the BSI Quality Assurance body.

Chelton also have supplier approval for Airbus UK Limited, BAE SYSTEMS, Boeing Aircraft Corporation, Dassault Aviation, the Defence Research Association, Eurocopter, FR Aviation, IPTN, KLM, Raytheon Corporate Jets, Rockwell International, Sikorsky Aircraft Corporation, GKN Westland Helicopters and GKN Westland Engineering.

Chelton have completed installations for UK Ambulance services, and Helicopter Police services in Saudi Arabia, Germany & South Africa.

Key Features

- More than seven years experience, developed with the UK Police and other users.
- Specific Man Machine Interface (MMI) developed for ease-of-use in cramped aircraft environments.
- Houses a proven Sepura SRG3500 TETRA radio.
- The Control and Display Unit (CDU) is compatible with the latest Night Vision Equipment.
- Provides a flexible configuration to suit customer requirements.
- Multiple radio control e.g. up to four radios, either TETRA or analogue, from a single Control and Display Unit (CDU).
- Dual Control and Display Unit enables operation from cockpit or rear cabin.
- Over 150 systems delivered Worldwide, including Europe, Middle-East, Africa and the UK.
- World leading approval ratings and expertise.
- Suppliers of complete solutions, including industry leading antennae, bracket and mounting units and intercom solutions.
- Supports Sepura's interface 1 and 2 on the chassis exterior, enabling on site software programming and maintenance.

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About the company:

In 1989, Chelton (Electrostatics) Ltd. and its holding company, Chelton Ltd. became a wholly owned subsidiary of Cobham plc, a highly respected U.K. aerospace group with a history of excellence dating back over 60 years. Chelton Ltd is now a World class manufacturer of aircraft antennas, communications equipment and systems, interference cancellation, airborne TETRA and static dischargers.

Chelton is dedicated to maintaining the highest level of quality, service and reliability to our customers throughout the World.

Chelton also provides International marketing and support for other Cobham Companies outside North America for avionics and satellite communication systems.



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