



New Crew Chest Unit – CCU

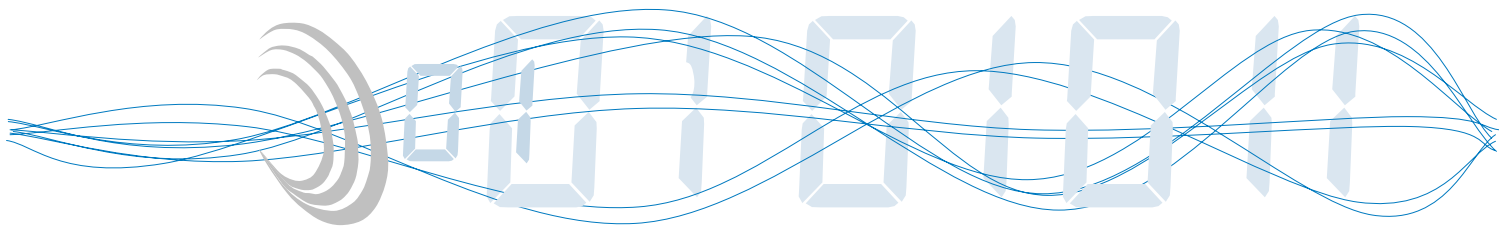
The new CCU is a small rugged unit that is attached to the jacket or webbing using a clothing clip and is connected between the Full Function Crew Station (FFCS) and the Users headset to provide remote control of the FFCS intercom and radio selection.

The CCU weighs less than 200g and allows the selection of Intercom or radios A through to F. The military standard AP107 mating connectors are moulded into the unit enabling the user to simply connect the CCU in between the headset and bailout cable. No additional cables are required.



Original CCU

The early CCU is a die cast unit that requires additional cabling in order of it to be connected to the headset and FFCS and also requires a small harness to allow it to be worn around the neck. The unit is still available, however, the new CCU provides significant weight advantages over the old unit and inserts in between the existing bailout and headsets without the need for additional cabling. The new CCU is significantly smaller than the original unit.



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Specifications and Standards

Chelton products are designed and independently tested to international standards.

Environmental

Reliability (MTBF) - MIL-HDBK-217

Environmental - MIL-STD-810E :

Low Temperature (-40°C Operational, -57°C Storage, Method 502.3, Procedure I and II)

High Temperature (Hot, Method 501.3, Procedure I and II)

High Temperature plus Solar Radiation (+71°C, Method 505.3, Procedure I and II)

Humidity (Method 507.3, Procedure I and II)

Atmospheric Pressure (945 to 1060 millibars)

Elevation (Method 500.3, Procedure I and II)

Sand & Dust (Method 510.3)

Rain (Method 506.3, Procedure I)

Salt Fog (Method 509.3 Procedure 1)

Immersion (Method 512.3, Procedure I)

Vibration (Method 514.4, Procedure 1, Category 8)

Shock (Method 516.4, Procedure IV and VI & MIL-S-901)

Fungus (Method 508.4)

Explosive Atmosphere (Method 511.3, Procedure 1)

Electromagnetic Compatibility - MIL-STD-461C

Part 4 (CE01, CE03, CE07, CS01, CS02, CS06, RE02, RS02 and RS03)

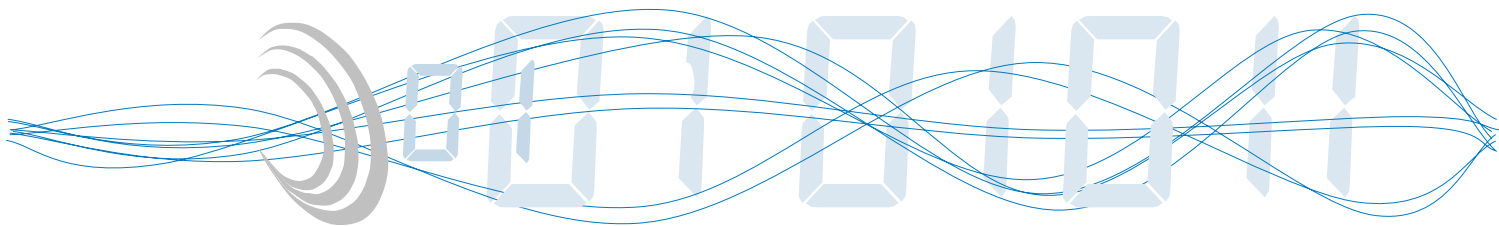
Electromagnetic Pulse - MIL-STD-461C part 4, (RS05 and CS11)

Electrostatic Discharge - IEC 801-2:2, level 4

Rapid Speech Transmission Index (RASTI)

Mechanical Dimensions and Weights

Height (mm)	Width (mm)	Depth (mm)	Mounting (mm)	Weight (kg)
125	55	50	Clip mount	0.2



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