



Monitor Only Crew Station - MOS-2

The MOS-2 is a listen-only unit which allows two infantry squad members wearing 'listen-only' headsets to be briefed over the intercom channel.

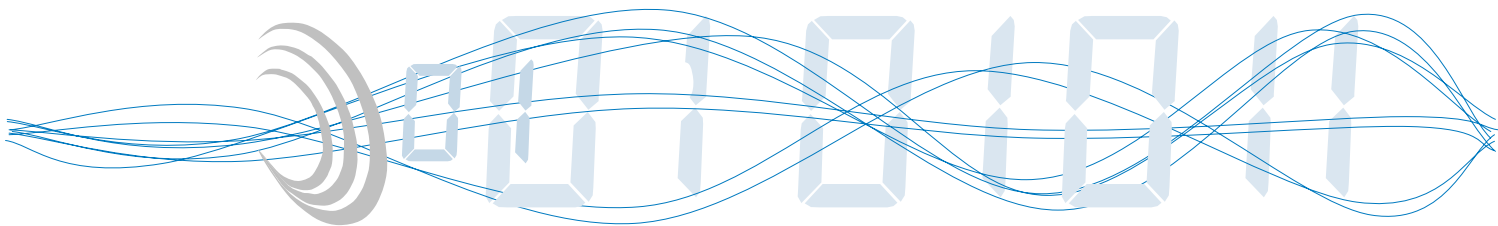
A loudspeaker may be connected. As may a headset, but the microphone receives no connection to the ROVIS.

Each Headset port has an associated volume control, allowing each user to individually set their preferred listening level.

Up to four MOS-2's may be connected in a single ROVIS system.

All MOS-2's can operate through a vehicle slip ring.

The MOS2 provides basic receive capability for infantry crew, for full access the LV2 FFCS/L can be used in place of the MOS2. This unit is a drop in replacement for the MOS2 and allows the users to have independent infantry intercom using the INT2 function. This then provides a private intercom feature for infantry and allows the vehicle crew to intercommunicate using INT. The FFCS/L also allows the ability for any of the users to transmit and receive on radios, however, the MCS can automatically disable radio access by crew position.



CHELTON Defence Communications Ltd

Haslingden Road Blackburn

Lancashire United Kingdom BB1 2EE

T// +44 (0) 1254 292010 F// +44 (0) 1254 292035 E// sales@cheltondc.com W// www.cheltondcweb.com

© Chelton Defence Communications Ltd.



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)

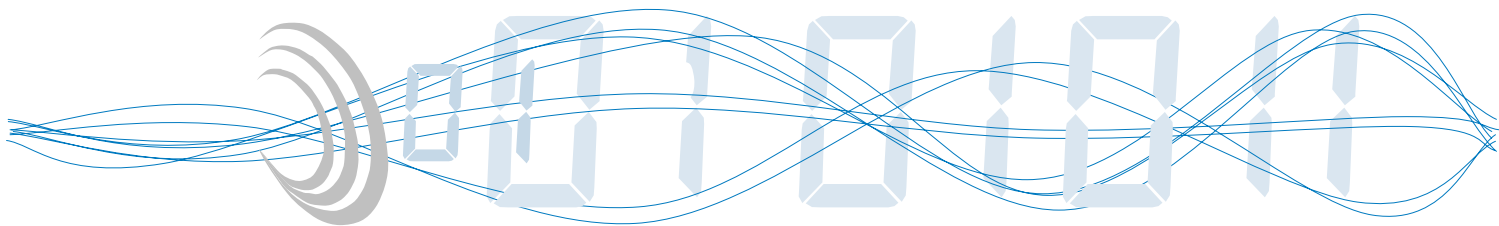
Electromagnetic Pulse - MIL-STD-461C part 4, (RS05 and CS11)

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)
78	140	115	140	0.9



CHELTON Defence Communications Ltd

Haslingden Road Blackburn

Lancashire United Kingdom BB1 2EE

T// +44 (0) 1254 292010 F// +44 (0) 1254 292035 E// sales@cheltondc.com W// www.cheltondcweb.com

© Chelton Defence Communications Ltd.