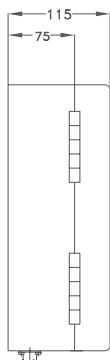
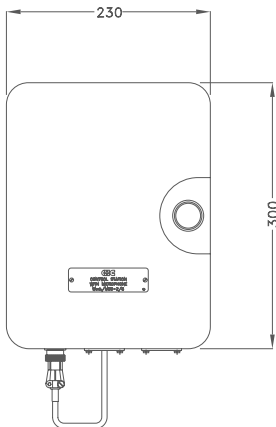
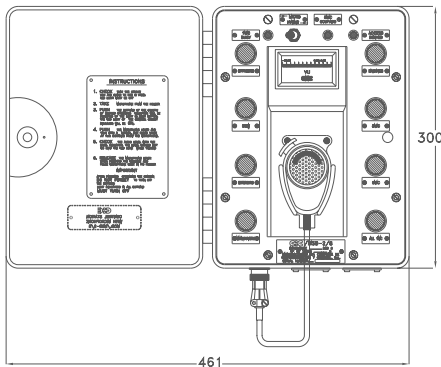




CIC-MSB2/4,6,8 | Microphone control station



General description

Designed in accordance with specification MIL-A-22022 R17A11 as regards their construction, characteristics, function and operation. Microphone control station MSB -2/8 is a variation of the CIC-MSB-2/6, with the only difference being the number of circuits for the lines it controls (8 in the first case and 6 in the second). Both serve to send general commands and announcements to the different subgroups of general circuits such as 1MC, 6MC, etc.

Mechanical parts are high-resistance, made of lightweight alloy and stainless steel, designed to pass shock test type A.

The command microphone as well as its holder is also built to resist the same shock test.

The microphone, of the CIC-125 type, has a PTT button for speaking and an extendible cable with a military connector. It is located on the inside of the front panel of the box.

It has a noise-cancelling system enabling operation in areas with a high level of background noise.

It also includes two signal lights. One of these signals indicates that the general circuit is occupied by the station itself or by other associated stations. The other pilot is a signal for "access denied", indicating that this circuit is occupied at this moment by another station of higher priority. In such cases the station will be "inoperative" and the PTT button will have no effect on the system of general commands until the pilot light goes off.

The surface of the front panel has high-protection treatment against marine environments, as specified in MIL-C-5541.

Technical characteristics

Electrical

Power:	CIC-MSB2/4,6,8 24 V (from control unit)
Output level:	10 mV for output audio line
Frequency response:	200 to 8.000 Hz
Microphone type:	Dynamic with noise-cancelling system

Output impedance of microphone: 150 Ohms.

Operative

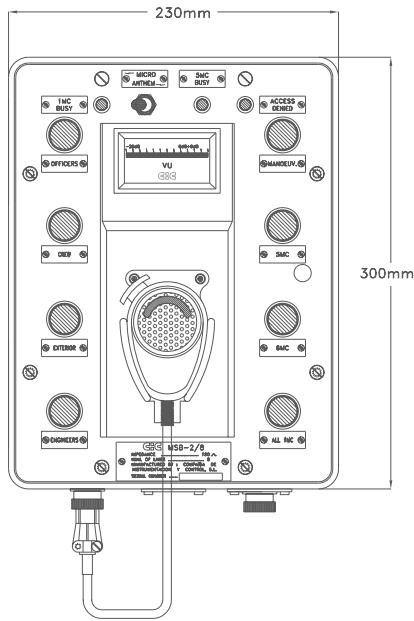
Number of lines:	4,6,8
Indicators:	Circuits occupied: 1. Access denied: 1

Mechanical

Weight:	5 Kg
Dimensions:	230 x 300 x 115
Finish:	Navy grey or black
Anchoring type:	To panel, bulkhead or console, by means of (3) bolts



CIC-MSB2/4,6,8 | Microphone control station



Certifications

Shock:	MIL-S-901C Grade A
Salt fog:	MIL-STD-202 F Method 101D MIL-A-20222 (R17A11)
Drip & inclination:	MIL-I-983 E (SHIPS) 4.4.11.2 and 4.4.16 MIL-A-20222 (R17A11)
Temperature: (1st, 2nd, 3rd cycle)	MIL-I-983 E (SHIPS) 4.4.9.1.3 MIL-A-20222 (R17A11)
Extreme temperature: (1st & 2nd cycle)	MIL-I-983 E (SHIPS) 3.7.16.1 MIL-A-20222 (R17A11)
Humidity:	MIL-E-5272-C (4.4.1) MIL-A-20222 (R17A11)
Vibration:	MIL-STD-167 MIL-A-20222 (R17A11)
Immersion:	MIL-STD-202 F Method 104A. MIL-A-20222 (R17A11)
Electronical test:	MIL-A-20222 (R17A11)
Electromagnetic compatibility:	EM Emission (M/01) MIL-STD-461D/462D EM Emission (M/03) MIL-STD-461D/462D EM Immunity (M/03) MIL-STD-461D/462

Notes

Quality:
 NATO number:
 Defence supplier number:

CIC has a quality system based on ISO 9001 regulation. ISO 9001 Certified by SGS ICS IBERICA AEIE. PECAL/AQAP 110 Certified by the Ministry of Defence (Spain).
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