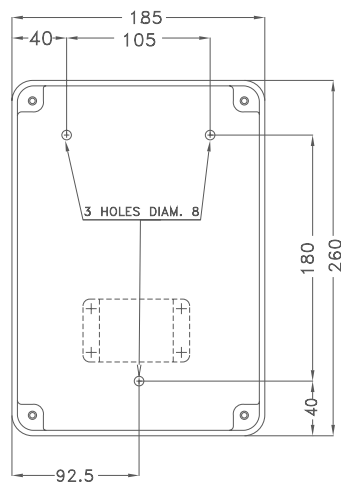
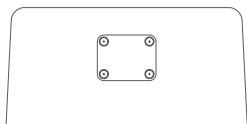
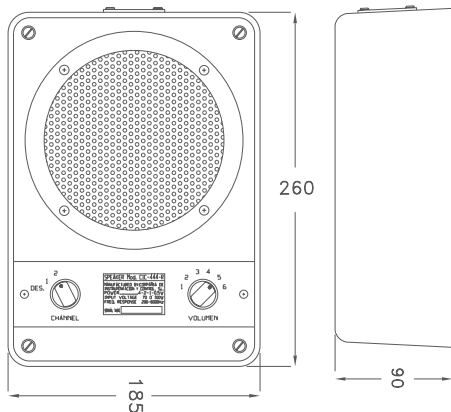




## CIC-444 | Loudspeaker (below deck bulkhead mounted)



### General description

Designed according to specification MIL-I-17080, marine loudspeaker CIC- 444 is a low-power loudspeaker for reproducing music channels and entertainment programs in spaces with a low level of background noise. It has two versions, with or without "R" cut-off relay.

It has independent intakes for standard voltages of 100 or 70 volts, and it can admit up to 2 different music channels, which are selected by a 3-position switch placed in the front panel. The third position lets the loudspeaker to be completely disconnected.

It has an outer volume control, which is situated in the front panel and consisting of a switch with hops of 6 dB independently to the intake selected at the transformer.

It has independent intakes for 4, 2, 1 and 0,5 W, therefore the maximum power can be preadjusted internally by the suitable connection in the secondary winding of the transformer.

The loudspeakers are magnetic (P.M. permanent magnet), and can provide up to 4 W audio for an input impedance of 8 ohms, and responses at frequencies of between 200 to 8.000 Hz.

The surfaces of all mechanical parts have undergone a treatment for maximum protection against marine environments, MIL C 5541.

The finish and finish colors are in accordance with military regulation NM-P 362 M (5a. R), paragraph 6.6.24.2.2.

### Technical characteristics

#### Electrical

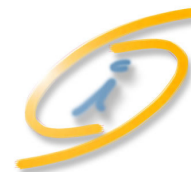
Type of loudspeaker:	Direct radiator
Magnet:	Permanent
Input signal:	100 V or 70 V balanced
Power:	4,2,1 or 0,5 maximum (internally selectable)

#### Operative

Number of channels:	2 (disconnected position)
Volume control:	6 positions, with 6 dB steps
Priority:	Monitored by relay (24 V)

#### Mechanical

Weight:	4 Kg
Dimensions:	185x260x90
Anchoring type:	To bulkhead
Front panel:	Extractable
Anchoring:	3 bolts of less tan 7 mm
Mechanics:	Light-weight alloy
Finish:	Navy grey



## CIC-444 | Loudspeaker (below deck bulkhead mounted)

### Certifications

Shock:	MIL-S-901C Grade A
Salt fog:	MIL-STD-202 F Method 101D MIL-L-24223 A (SHIPS) 4.5.2
Drip & inclination:	MIL-I-983 E (SHIPS) 4.4.11.2 and 4.4.16 MIL-L-24223 A (SHIPS) 4.5.2
Temperature (1st, 2nd, 3rd cycle):	MIL-I-983 E (SHIPS) 4.4.9.1.3
Extreme temperature: (1st & 2nd cycle)	MIL-I-983 E (SHIPS) 3.7.16.1 MIL-L-24223 A (SHIPS) 4.5.2
Humidity:	MIL-E-5272-C (4.4.1) MIL-L-24223 A (SHIPS) 4.5.2
Vibration:	MIL-STD-167 MIL-L-24223 A (SHIPS) 4.5.2
Immersion:	MIL-STD-202 F Method 104A MIL-L-24223 A (SHIPS) 4.5.2
Electrical test:	MIL-L-24223 A (SHIPS)
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/462D

### Notes

Quality:	CIC has a quality system based on ISO 9001 regulation. ISO 9001 certified by SGS ICS IBERICA AEIE. PECAL/AQAP 2110 certified by the Ministry of Defence (Spain).
NATO number:	<b>5965-33-0019744</b>
Defence supplier number:	9074/1572B