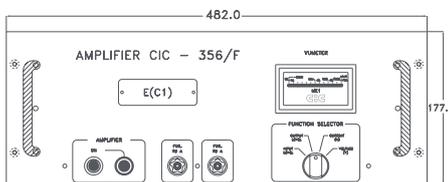




CIC-356/F | Power amplifier



General description

The equipment is made of lightweight alloy and stainless steel with surfaces treated with high-grade protection against marine environments, in accordance with MIL-C-5541. Mechanical parts are high-resistance and low-weight.

The different modules are mounted to the chassis, which is easily accessible from the outside.

All the components included in the rack are easily accessible for its checking or replacement during maintenance operations.

The connection between the equipment and the ship network is done by means of terminal sockets located in the back part of the chassis.

The Amplifier permits the activation of a general circuit (5MC) that includes the orders group to flight deck, control chambers and associated places.

Technical characteristics

Electrical

Power supply:	115V 60 Hz 1 phase
Power rating in line of loudspeakers:	250 W, 100 V line voltage
Distortion:	Lower than 5% (1 KHz) for 250 W output
Input impedance:	150 Ω (Balanced dynamic microphone)
Input sensitivity:	10 mV effective (Balanced signal)
Frequency response:	350 to 8000 Hz for -3 dB response
Signal/noise ratio:	Greater than 50 dB

Operative

Inputs:	2 CIC-125 microphone
Number of outputs:	1 5MC circuit
Temperature range:	0°C to 55°C
Relative humidity:	95%

Mechanical

Weight:	19 Kg. (including microphone)
Dimensions:	19" rack frame and 4 U high
Fastening:	4 bolts on front panel
Mechanics:	Lightweight alloy and stainless steel, surfaces treated with high-grade protection against marine environments
Finish:	Navy grey (RAL)

Certifications

Shock:	MIL-S-901C Grade A
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 110 Certified by the Ministry of Defence (Spain).
Defence supplier number:	9074/1572B