

IMCOS-1515 Power amplifier



Product description

IMCOS 1515 is a 3 unit 19" rackmount power amplifier designed for Public Address, emergency notification and acoustic diffusion systems.

Type approved for marine application by
ABS, CCS, DNV-GL, LR, RINA, BV

Features

- Dual power supply: 220 Vac/24 Vdc or 110 Vac/24 Vdc
- 4 x 100W output power
- Forced ventilation by two separate fans, thermostat controlled
- Electric insulated contact, based on a dedicated thermo-stabilized circuit, to drive external/remote alarm devices
- RS485 bus configurations for alarm communication and equipment control
- 4 separate volume controls by hardware device or software through RS485. Volume remote control by-pass functionality
- Front panel controls & indicators:
 - general alarm red LED;
 - for each of the four channels;
 - power ON/OFF green LED;
 - modulator ON yellow LED;
 - overload red LED
 - high temperature indicators



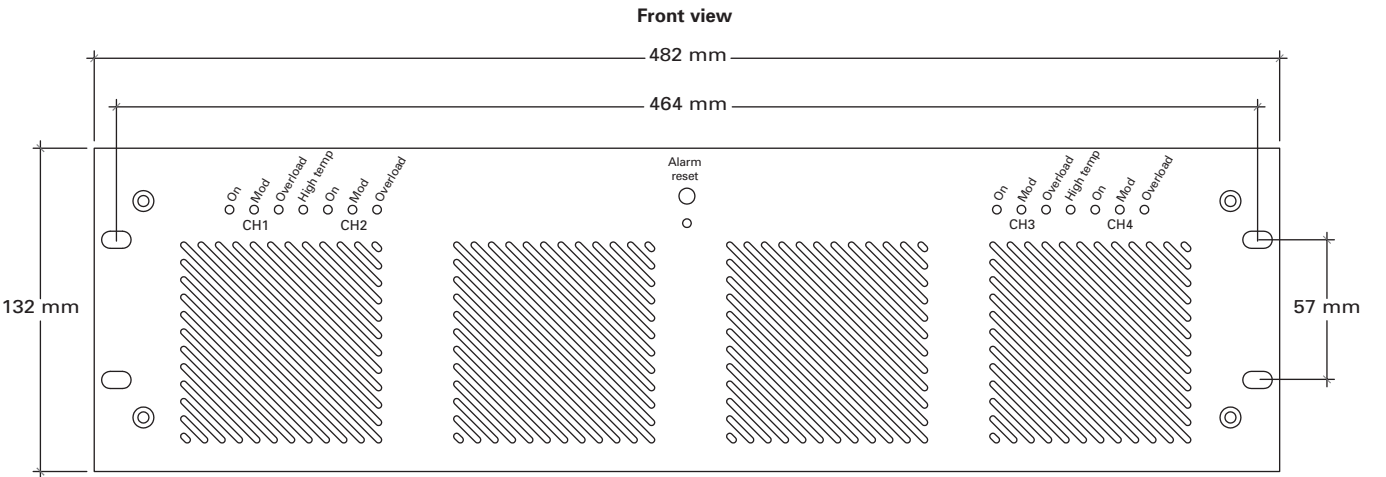
Powering Business Worldwide

Specification

Material	Aluminium (front panel), galvanized steel sheet (body)
Colour	RAL 9005 (front panel)
Mounting	19" rack
Dimensions	3 units 19" rack. width 485 mm, height 132 mm, depth 250 mm
Power supply	220 VAC +/- 10%, 50/60 Hz 24 VDC +/- 10% 110 VAC +/- 10%, 50/60 Hz (Option)
Peak consumption	Imax: 2,6A @ 220Vac; Imax: 4,9A @ 110Vac; Imax: 22 A @ 24Vdc;
Efficiency	Better than 85%

Input sensitivity/impedance	4 x 770 mVRMS/27 kOhm unbalanced; 4 x 150 mVRMS/22 kOhm balanced
Protection	Voltage/current/temperature
Output power	4 x 100 WRMS
Output (volts)	100 volts
Signal noise ratio	>60 dB
Weight	12 Kg

IMCOS-1515 Dimensions



Ordering requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box.

Model	Options
IMCOS-1515-x	x
Entries	Code
220 VAC-24VDC	220V
110 VAC-24VDC	110V

All specifications, dimensions, weights and tolerances are nominal (typical) and Gitiessse reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.

IMCOS™ System is type approved by seven marine class societies.