



# SUPERMAC 230/D/PAR

MULTIFUNCTIONAL CONSOLE  
FOR PRECISE APPROACH RADAR



Supplied to: GALILEO AVIONICA

## Description

MULTIFUNCTIONAL CONSOLE FOR THE OPERATION OF PRECISE APPROACH RADAR SYSTEMS.

## TECHNICAL SPECIFICATIONS

Display	Two 23" LCD monitors, Si/TFT technology, 1600x1200 pixels resolution
Control desk	One rugged QWERTY keyboard, 1 trackball. Can support a multifunctional keyboard
Processor	PC Pentium-III, 1,26 GHz
RAM Memory	512 MB PC-133 SDRAM
Backplane	10 slots VME64x Bus, 6 slots available
Operating System	Windows 2000 Professional with Service Pack 4 Drivers for all installed peripherals
Graphic Processor	PCM "Dual-head" graphic adaptor, with 1 16 MB SGRAM/channel and RGB video resolution better than 1900 x 1200 pixels
Hard disk	147.3 GB with interface SCSI Ultra320
Additional Memory support	1 DVD/CD-R/RW Driver, compatible to all formats It supports 1 5.25" reader on the front panel
Diagnostics	Comprehensive built-in test equipment (BITE) with fault detection and fault isolation
Power Supply	220 VAC or 115 VAC, single phase, 50/60 Hz 1.5 KVA Power Consumption Distribution Unit on the front panel with ON/OFF, FAIL and TEMP. ALARM leds

## ENVIRONMENTAL REQUIREMENTS

Operating range of temperature	From 0°C to +50°C as per MIL-STD 2036 par. 5.1.2.17.1 for inner units
Humidity	More than 80% at +40°C non-condensing
Salt	MIL-STD-2036 par. 5.1.2.12.2
Vibration	MIL-STD-167-1: 14-100 Hz, Ampl. 0.2g peak
Drip-proof	MIL-STD-108E
Shock	0.5 sine, 30 g for 11 milliseconds
Safety	MIL-STD 2036 par. 4.10
EMI	MIL-STD-461 E

## DIMENSIONS

Height	1798 mm
Width	610 mm
Depth	875 mm
Weight	175 Kg.

## INTERFACES STANDARD

- 8 VME Ethernet Hub 100baseTX
- 1 Gateway VME Ethernet-FDDI with n.2 FDDI ring optical interfaces
- 1 Ethernet 100BaseTX interface
- 2 Fiber-Optic interfaces with FDDI communications
- 1 Interface for BIT remote control

This brochure should not be considered a contractual offer. The specifications given herein may be changed by the manufacturer, GEM elettronica, without notice.



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