



MDX-8000

User Manual



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INVISIBLE LASER RADIATION
DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS
CLASS 1M LASER ACCORDING TO EN-60825-1 JAN. 2008

Safety precautions for equipment running under 115 ... 230 VAC

The PRODUCT is manufactured in accordance with the current state of the art and in accordance with safety regulations laws of the Labour Code.

The general safety requirements must be observed during all phases of operation and repair of equipment. Non-compliance of written warnings in this manual is contrary to the requirements of safe operation and normal operation of the PRODUCT.

As a user of this product, it is necessary to strictly follow in your work environment, all warnings and requirements necessary to perform safely any operation on the PRODUCT.

Be sure to read this manual thoroughly before starting the PRODUCT. This manual is part of the PRODUCT and comes with it. Rules for the prevention of risks and accidents as well as safety rules must be observed!



DANGER

Danger : dangerous situation that can lead immediately to death or serious injuries.



WARNING

Warning : situation potentially dangerous that could lead to death.



CAUTIOUS

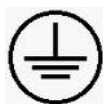
Cautious : situation potentially dangerous that could lead to injuries.



This symbol means that there is a risk of electrification that can lead to death or serious injuries if instructions are not followed.



This symbol means that there is a risk of danger that can lead to injuries if safety instructions are not followed.



Earth protection connection



DEEE 2002/96/CE Waste of electrical and electronic equipment directive imposes to final users the management of electrical and electronic equipment (EEE). For they purpose, it is mandatory for them to selectively collect their EEE depositing them in dedicated places.



1 Specifications

		MDX 400T-R 230 VAC
Power supply	Voltage	115 – 230 VAC
	Frequency	50 – 60 Hz
	Power	20 W
Dimensions		Rack 19" 1 U – 483x224x44 mm
Environment	Operating temperature	-30 ... +45°C
	Relative Humidity	90 %
Index of protection		IP40
Digital input	Number	1
	Type	static relays
	Low level voltage	0...3 V
	High level voltage	9....28 V
	max current	10 mA @ 24V
Digital Output	Number	4
	Type	static relays
	Max current @ 40°C	0,3 A
	Max voltage (open)	55 V
	Resistance closed	2 Ohms
RS232	Standard	EIA 232
	Baud rate	4800 bauds
	Data	8 bits
	Parity	Non
	Stop bits	1
	Flux control	None

1.1 Getting started



WARNING

Security provided by this product is provided for use for its intended purpose. Maintenance can only be performed by qualified personnel.

1.2 Protection



WARNING

The mains plug of the MDX serves as disconnecting device. Consequently it must be connected near the device and easily accessible.

1.3 Power supply

MDX 400T6X IP66 24 VDC must be powered by a power supply in accordance to EN 60950-1. It must be close to the product.



WARNING

All equipment connected to the product must comply with EN 60950-1 standard or with their own product standards.

The equipment must be connected to an electrical installation complying with the standards in force in the country (NFC 15-100 in France). It must be equipped with protection against overcurrent, overvoltage, ground faults.

The circuit breaker must be a 16 amps and should have a response curve of type C.

Before opening the PRODUCT for any intervention, it must be completely disconnected from the mains power cord. It is forbidden to replace components with power cable connected.

1.4 Grounding

To minimize any risk of electric shock, frame and all parts of the equipment must be connected to Earth.

1.5 Installation

MDX-8000 can be mounted in a 19" cabinet and secured with 2 bolts.

1.6 Maintenance

MDX400 can be cleaned using a damp slightly cloth.



DANGER

For your safety, that before any technical intervention or cleaning, it is imperative the equipment is turned off and not plugged in. It is forbidden to replace components with power cable connected.

1.7 Caution

! CAUTION ! OPTICAL CONNECTORS ARE VERY SENSITIVE TO DUST.

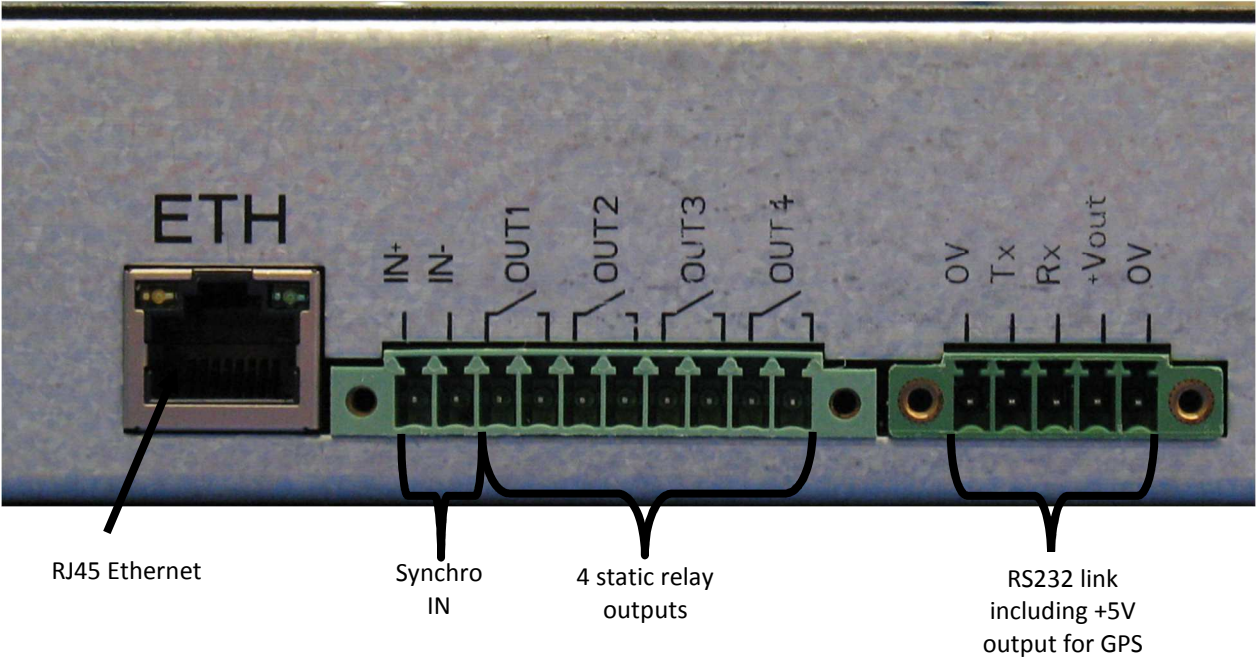
MAKE SURE TO ALWAYS CLEAN CONNECTORS BEFORE PLUGGING IN.

WHEN UNPLUGGING, PUT COVERS ON THE CONNECTOR (MALE PART) AND ON THE ADAPTATOR (FEMALE PART)

To clean connectors (male part), use soft and lint-free paper (e.g. glass cleaning paper) with alcohol.

To clean adaptors (female part) use dry compressed air in spray.

1.8 Electrical connections



3 Dimensions

3.1 Rack mount version :

