

MT-APN16 MEDICAL GAS AND VACUUM ALARM PANEL



Technical Specifications

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SPECIFICATIONS

POWER SUPPLY

- 110/220 Volt ac supply with max 20% tolerance.
- Surge suppressers- 275V.
- Dual 9 Volt ac/12 Volt DC 500mA input (optional).
- Dual 9.6V 280mAh Ni-Cad standby batteries (optional).
- Dual 5V DC 400mA outputs.
- Fuses 22mm 630mA glass cartridge.

INPUTS

- 16 inputs.
- Each input is optically isolated.
- Each input requires a voltage-free contact.
- Inputs can be individually configured for Normally Open or Normally Closed operation.
- One common for all inputs.
- Maximum input lead length of 30m.

OUTPUT RELAY

- Normally Open and Normally Closed contacts.
- Voltage-free contacts.
- Contact ratings: 1.5A at 220V ac.
3A at 24V DC/110V ac.

COMMUNICATIONS

ALARM NETWORK

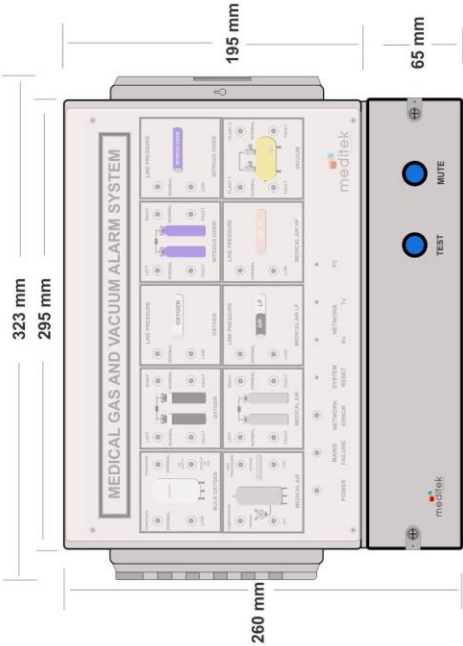
Interface: Half Duplex RS485.
Speed: 9600 Baud.
Distance: 1Km.
Cable: 2-core 0.22 mylar screen.

PC LINK (TRANSMIT ONLY INTERFACE)

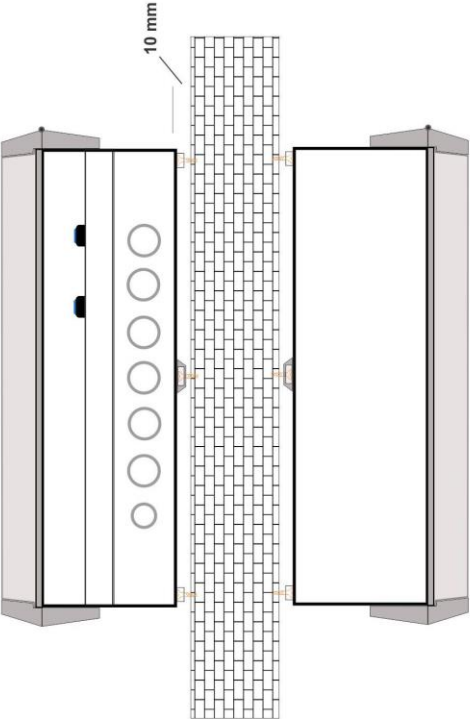
	<u>RS232</u>	<u>RS485</u>
Speed:	9600 Baud.	9600 Baud.
Distance:	30m.	1Km
Cable:	2-core 0.22 mylar screen.	2-core 0.22 mylar screen.
Connector:	9-Way or 25-Way D- Type female.	RS485-PC Interface required

DIMENSIONS

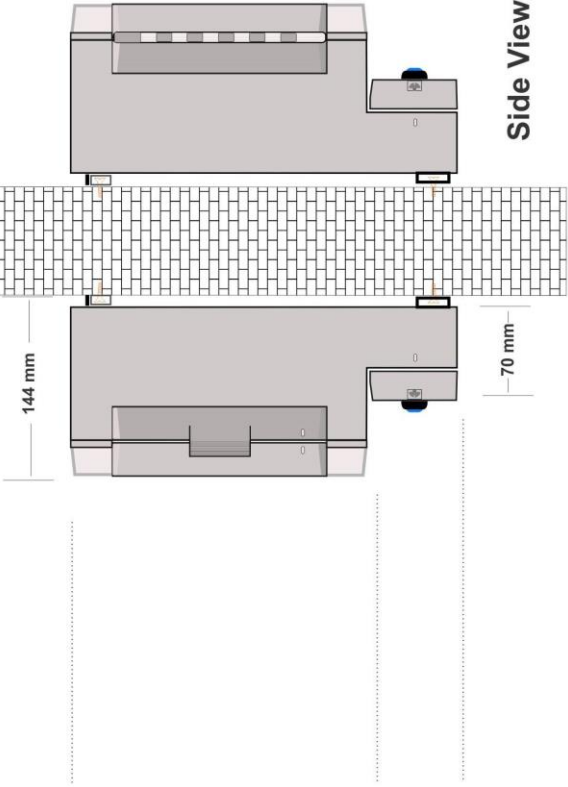
FrontView



Bottom

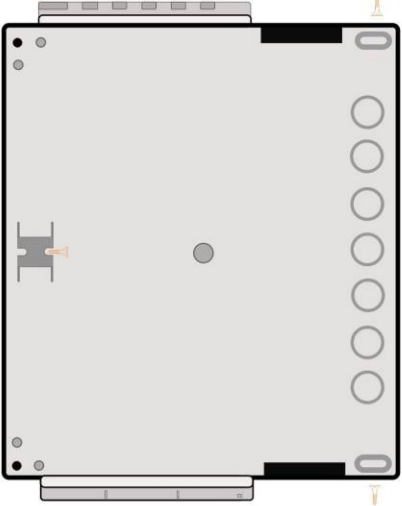


Top



Side View

Rear View



MEDICAL GAS AND VACUUM ALARM SYSTEM

OXYGEN

LEFT RIGHT

NO FM/AL FALT

NITROUS OXIDE

LEFT RIGHT

NO FM/AL FALT

COMPRESSOR

NO FM/AL FALT

VACUUM

NO FM/AL FALT

MEDITEK SYSTEMS

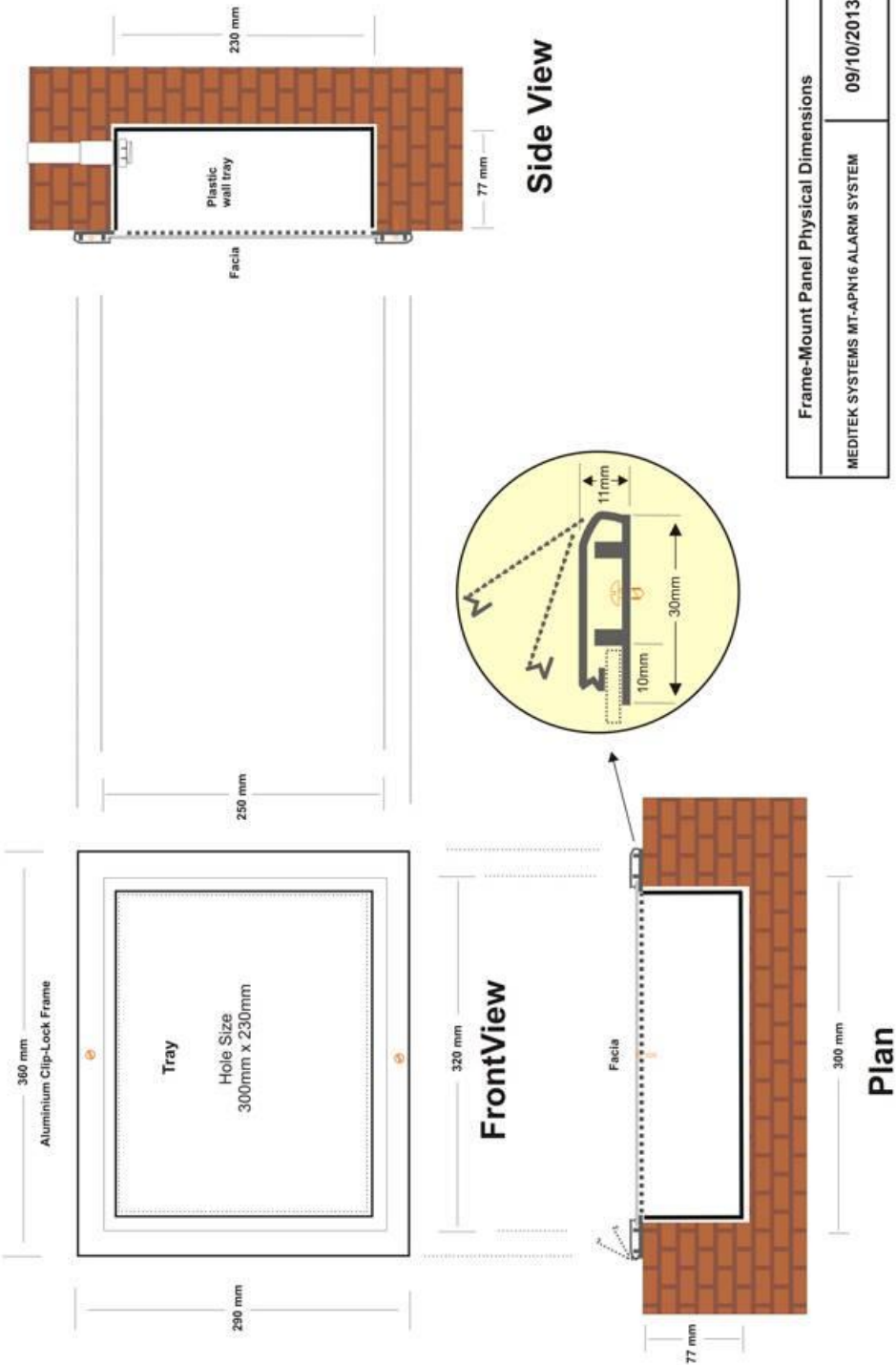
POWER NETWORK ERROR RESET NETWORK SYSTEM RESET NETWORK Rx Tx PC Tx

MUTE TEST

POWER	Power LED - Indicates Panel is ON.
MAINS FAILURE	220V ac Main Supply has Failed.
NETWORK ERROR	Problem has occurred with network communications between panels.
SYSTEM RESET	Microprocessor has Reset after a problem caused it to 'Hang-Up'
NETWORK Rx Tx	P anel is Transmitting (Tx) and / or Receiving (Rx) data on the network.
PC Tx	P anel is Transmitting (Tx) data to a Computer (PC) if connected.
TEST	Press to check all lights (LED's) & buzzer.
MUTE	Mute alarm buzz. Remind beep every 10 seconds.

MT-AP N16 Front Panel Layout & description	
MT-AP N16 ALARM NETWORK	08/06/2004

MT-APN16 Frame Mount Gas Alarm Panel



MT-APN16 Gas Alarm Front Panel Layout

KEY



POWER	Power LED - Indicates Panel is ON.
MAINS FAILURE	220Vac Main Supply has Failed.
NETWORK ERROR	Problem has occurred with network communications between panels.
SYSTEM RESET	Microprocessor has Reset after a problem caused it to 'Hang-Up'
NETWORK Rx Tx	Panel is Transmitting (Tx) and / or Receiving (Rx) data on the network.
PC Tx	Panel is Transmitting (Tx) data to a Computer (PC) if connected.
TEST	Press to check all lights (LEDs) & buzzer.
MUTE	Mute alarm buzz. Remind beep every 30 min.

MT-APN16 Front Panel Layout & description	
MT-APN16 ALARM NETWORK	08/06/2004