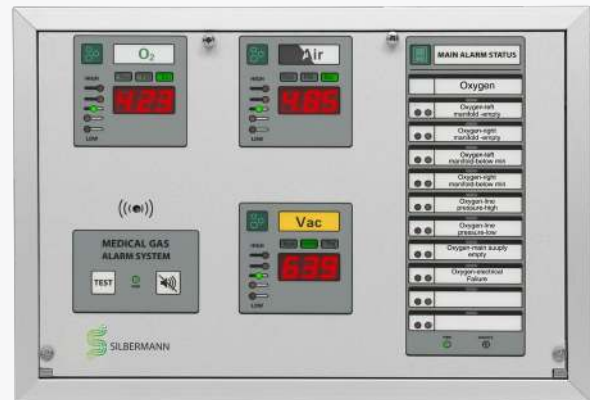


## XANADU Series - Area & Main Alarm Panels

These advanced digital alarm panels comply with the requirements of the NFPA 99, ISO 7396-1 and G-01.



### Features

#### Common Features

- Adjustable repeat alarm (15 or 30 minutes, or OFF. Also 15 seconds for convenient maintenance)
- Alarm buzzer level adjustable: 70, 80, 90 dB.
- Dry contacts for remote monitoring of High and Low gas pressure Alarm Conditions.
- Hinged panel opening for easy installation and maintenance.
- Area Alarms and Main Alarms can be combined, up to 5 services plus two main alarm board as standard.
- Built-in relay for remote annunciator applications.
- Gas Area Alarm indication for calibration (flashing bar graph).
- CAN BUS Communication protocol for fast, safe and reliable data transfer between all the XANADU system boards.
- Optimal Relays Interface Card for adding dry contacts to a Main Alarm Board
- Optimal Communications Card (RS 485) for remote monitoring of the XANADU system, by Silbermann Info Management System or

#### Area Alarm Features

- Gas specific digital sensors can be mounted locally or remotely, up to 1500m, utilizing 22 gauge twisted pair.
- DISS gas specific sensor housed in a tamper proof enclosure.
- Digital LED display and trend indicator for each service monitored.
- Illuminated LED display that is visible at an angle or in dim lighting conditions.
- Switch selected gas pressure units: PSI, KPa or BAR.
- Switch selected vacuum pressure units: KPa, mmHg, or Hg.
- Self diagnostics with error display for problem identification.
- Highly accurate Solid State Pressure piezo-resistive transducer.
- Service mode for trouble shooting



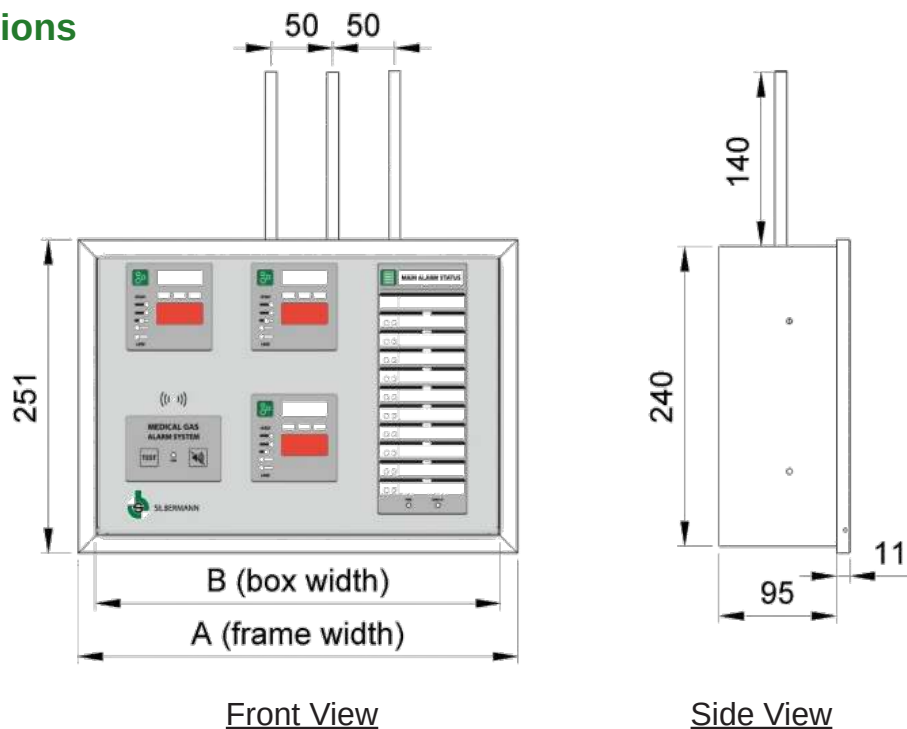
### Specifications

- The alarm panel shall be of accommodating up to five services main alarm as standard and up to 10 services as special applications. The sensors shall be capable of local or remote mounting.
- Avoid cross-connecting of the sensor with its digital display panel.
- Each service shall have a LED display indicating the on-line measured pressure - up to 250 PSI (400 PSI for Nitrogen).
- Each service shall have a trend bar for showing the pressure direction (Green-Normal, Yellow- Caution, Red - Hi or Low alarm). In the case of an alarm the red light will flash and the alarm will sound. Canceling the alarm by the silence button will stop the audible alarm but the red light will continue to flash until failure is fixed.
- Test & Silence push buttons shall be easily accessed for operating and testing the unit.
- Field programmable push buttons for adjustment of the Hi and Low set points ( $\pm 20\%$  of Normal pressure), selecting the pressure/vacuum units and configuring the alarm repeat interval.
- Input power shall be 100VAC, 50-60Hz.
- Complies with EN60601-1, EN60601-1-8, EN60601-1-2
- CE marked by the notified body TÜV-SÜD.





### Dimensions



### Catalogue Numbers

# of Services (Excluding annunciator)	A [mm]	B [mm]	Catalogue No.
1 Gas + 1 main (10 sources)	360	345	7182121
2 Gas + 1 main (10 sources)	360	345	7182120
2 Gas + 2 main (20 sources)	552	537	7182124
3 Gas + 1 main (10 sources)	360	345	7182110
3 Gas + 2 main (20 sources)	552	537	7182123
4 Gas + 1 main (10 sources)	552	537	7182122
4 Gas + 2 main (20 sources)	552	537	7182133
5 Gas + 1 main (10 sources)	552	537	7182129
5 Gas + 2 main (20 sources)	552	537	7182112

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