gardex

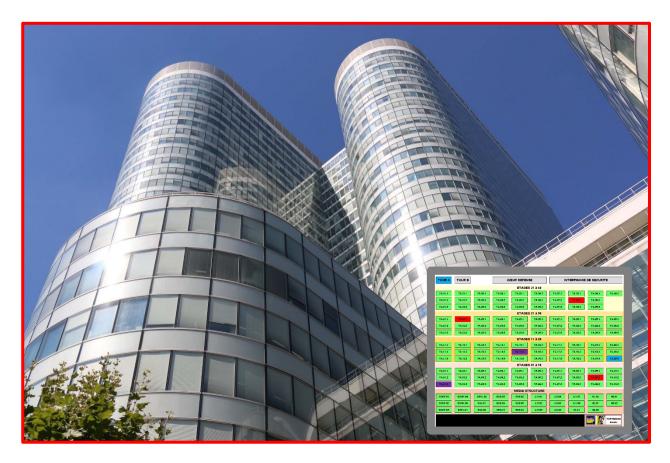


Safety intercom for building and Disabled Refuge Systems



Brand name *gardex*, is a range of intercoms dedicated to safety application and communication for building

Operator can see on the screen display the call and where is located the caller. The complete setup of the installation is simplified and flexible for any future modification, unexpansive complete solution.



Gardex is a solution where everyone can find an advantage.

Users calling system is very simple with only a handset easy to unhook, easy to identify with the red color.

Operator behind the safety desktop: screen display easy to use without any training. Real time information provides the status of each calling system anywhere in the building. All events are logged in a file with date and time.

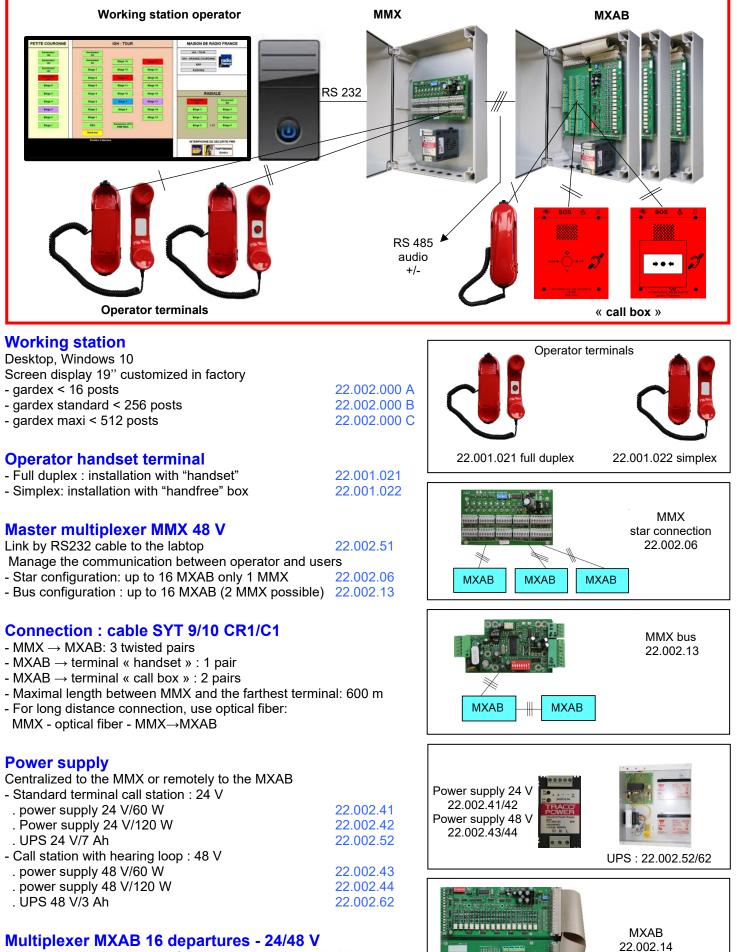
Architects and installers, connection in star mode between MMX and MAB allows to safe cable length and simplify any modification or new call

Maintenance becomes easy, all status of all head end are displayed on the screen display with a dedicated color code to define any mistake or bad connection in the installation. No need to walk through each terminal to verify the status.



The safety manager can log any conversations, and all events in supervision mode.

gardex schematic



22.002.14

Deployed in the building, usefull to connect each terminal in star connection

Allow any extension and new configuration

- MXAB

22.001.023T 22.001.030			2.001.030 aring flange
		Ţ	01.028T
22.001.028 22.001.038 22.001.029 22.001.31			001.31/31T
22.001.028T 22.001.038T 22.001.029T 22.001.31T	MXAB #		slaves nfigured dipswitch
	22.001.02	5O	41.039.22
22.001.028V 22.001.029V 22.001.31V	22.001.028V	22.001.048/48T	22.001.035
22.001.048 22.001.048T 22.001.035	Braille label 22.001.90		call help push
	22.001.030 22.001.028 22.001.028 22.001.029 22.001.029 22.001.029T 22.001.029T 22.001.029T 22.001.029T 22.001.029T 22.001.029T 22.001.029T 22.001.029T 22.001.029T 22.001.029T 22.001.029T 22.001.029T 22.001.029T 22.001.029T 22.001.029T 22.001.029T 22.001.025K 22.001.025V 22.001.025V 22.001.028V 22.000V 20.00V 20.00V 20.00V 20.00V 20.00V 20.00V 20.0V	22.001.030	22.001.023T Image: Constraint of the second se

gardex management

Operator management

In real time, the screen displays all events.

Each terminal is displayed with a button on the screen display, with the building schematic it is possible to determine where the call is coming from in the building.

At the bottom of the screen, it is possible to track and log all the least events on the installation.

Screen display is customizable as much as you want. It is possible to determine the size of each button.

At the first call: tone is ringing and the concerned button is blinking in red The operator just needs to click on the concerned button and can discuss with the people who is calling.

Maintenance board – immediate diagnosis

- the screen shows the station and the MXAB
- the LED on the MXAB shows the situation of each station

Administrator consultation

- get out from "exploitation" and "C:\Gardex\Superviseur\GardexSuperviseur.log"
- read the list of all events :
- date-hour/minute/second/thousandths address type details the events types in the file are :
- call fault acknowledge hook up unhook
- connection of supervisor disconnection of supervisor
- record of the dialogs when installed

Display - maintenance = immediate diagnostic

- the screen indicates the call station and MXAB
- on the MXAB, LED indicates the call station

Regulation requires a visible display

gardex meet the standard EN 60950, EN 61950, EN 55022 class B, EN 50082-1; IT 248 article IGH GH 50 alarm.

§ 1 – On top of the standard telephone connection of the article G.H. 56, phonic devices (phone keyboard less, intercoms, etc), allowes an emergency call to the central security office to call the firefighter, must be installed in all stairs of the building in horizontal circulation. It must be in red color to be easily identified and protected to any accidental operation

References equiped by gardex

European Parlamient, Council of Europe, Cœur Défense Towers, Hospital Center Michallon, Caisse des Dépôts et Consignations, Mall Carré Sénart, Building Sillon de Bretagne, Maison de Radio France, Hospital center Strasbourg,

Mall Auchan Strasbourg, high schools, town halls, theaters, hotels ...









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Screen buttons color code standby green pale fix : station ok yellow fix : previous station not activated violet / green blinking : line default in communication red / yellow blinking : priority call orange / yellow blinking : non priority call blue fix : communication established blue pale / blue dark : call finished - station not hooked up green pale/ green dark : call hooked up before operator release Information détaillée Poste 12 EXPLOITATION Poste 14 Poste_12 21912 Defaut courant de repos Poste 2015-06-05 15:19:47 16 OK

Visualizations MMX : PWR et TX et RX

15:18:31 Poste_12 2.1.9.12 PRE

2015-06-05 15:18:39 Poste_12 2.1.9.12 FIN D'APPEL

- PWR green fix : power supply OK
- PWR off : no power supply
- 其 🕺 TX et RX blinking : system OK
- TX blinking / RX off : no communication
- RS485 with MXAB A or B crossed or not connected - wrong address MXAB
- both TX / RX off
 PC cable not connected PC off -MMX not functional - RX/TX crossed
 GND or RX not connected
- RX 1/2...8 blinking all MXAB ok

Visualizations MXAB

- green fix : installation OK
- red fix : call stations in call
- ine default : line default
- off : line non declared / no power supply

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