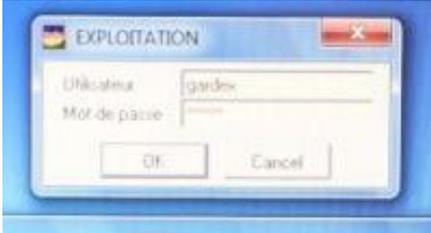# 1. *gardex* - Operator management

To start
Click : exploitant/operator
User : gardex
Password : gardex

The screen

- display : all events in real time in color code
  each button is worded and synoptical placed

- if all buttons are green fix, the installation is OK

- if one or any buttons are blinking violet, the stations are not connected

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

- if you click on one button you read this identification and situation

Specifications of station

Call
At the first call, tone is ringing and the concerned button is blinking in red.
The operator just needs to click on this button and creates the communication. The button becomes blue fix,
then the operator can hear "the person who makes the call"/"the appellant".
In order to speak, the operator must stay on the trigger at the handset.
To end the communication, the operator clicks on the button, which becomes green when the handset
is hung up.

Visualization of time recording
On the foot of the screen, permanently and with "C : \Gardex\Exploitant"

2. *gardex* - Installator informations

Wizing

Between MMX and MXAB 3 pairs 9/10th CR1C1
Between MXAB and MXAB in bus connection 3 pairs 9/10th
Between MXAB and call stations "handset" 1 pair
Between MXAB and call stations "box" : 2 pairs

Control of the MMX card

Visualizations MMX : PWR et TX et RX
- ● PWR green fix : power supply OK
- ● PWR off : no power supply
- 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

Control of MXAB card

Visualizations MXAB
- ● green fix : installation OK
- ● red fix : call stations in call
- red blinking : line default
- ● off : line non declared / no power supply

The screen shows the result :
- all stations green fix : connections OK
- some stations violet blinking : station not connected

3. *gardex* - Administrator management

The administrator can show and edit the total history of his gardex installation, with day, hour, minute, second.

2019-11-20 11:32:35,466	INFO Incident: adresse=1.4.8.6 type=1 detail=3
2019-11-20 11:32:49,155	INFO Incident: adresse=1.4.8.6 type=4 detail=0
2019-11-20 11:32:53,805	INFO Incident: adresse=1.4.8.6 type=5 detail=0
2019-11-20 11:32:56,970	INFO Incident: adresse=1.4.8.6 type=1 detail=0
2019-11-20 11:34:09,994	INFO Incident: adresse=1.4.9.2 type=1 detail=3
2019-11-20 11:34:15,118	INFO Incident: adresse=1.4.9.2 type=4 detail=0
2019-11-20 11:34:43,463	INFO Incident: adresse=1.4.9.2 type=5 detail=0

To read this file, make Admin and
"C:\Gardex\Superviseur\GardexSuperviseur.log"

4. *gardex* - Visitor information - Call station

There are two types of call stations : handsets and boxes.

Handset

Is to use like a phone :
- unhook
- tonality "waiting"
- conversation
- tonality "unhook from operator"
- on hook the handset
Integrated hearing loop

Box
Button selfrearming or membrane arming with key :
- press button/membrane
- tonality and blinking led
- conversation
- tonality (end by operator)
- by membrane need of intervention with key
Option T : hearing loop

08.03.2022