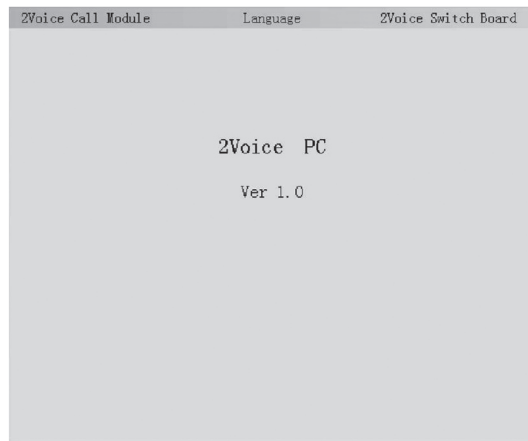




## PROGRAMMING SOFTWARE FOR 2VOICE CALL MODULE AND SWITCHBOARD



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## 1. GENERAL DESCRIPTION

2Voice Ref. 1083/40 concierge switchboard and 2Voice Ref.1083/13 call module can be programmed by a PC provided with Windows XP or higher, using the 2Voice PC software.

With 2Voice PC software it is possible to program the same functions that can be directly configured in devices.

### 1.1 SYSTEM REQUIREMENTS

- Windows XP(\*)/Vista/7
  - .net framework 3.5 (it can be downloaded from the site Microsoft ®)
  - External Bluetooth device for call module programming
  - USB port for concierge switchboard programming
- (\*) Windows XP Bluetooth devices with widcom stack are not supported.

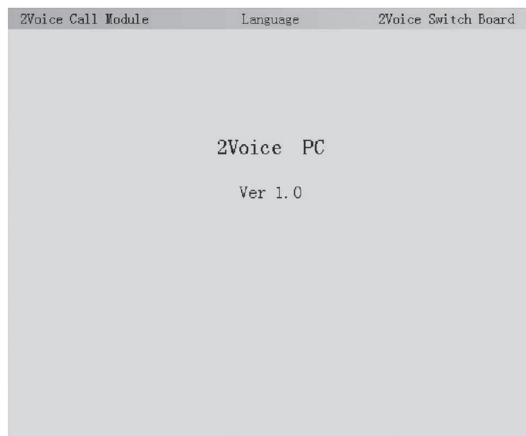
### 1.2 INSTALLATION

- Download the software from the reserved area of the site [www.urmetdomus.it](http://www.urmetdomus.it) or from the site [www.2voice.it](http://www.2voice.it)
- Open the file, click twice on the file 2Voice PC.msi and follow the instructions.

## 2. CALL MODULE PROGRAMMING

Before using the programming software, check that the software has been installed on the PC and the call module is powered; to access the programming, perform the following operations:

- On the call module, enter 99999 followed by the password (default password: 1000)
- When in programming mode, launch the program installed on the PC.



- Select 2Voice Call Module: in this menu it is possible to read, change or create configurations, create or change a user database and the respective door lock release codes.

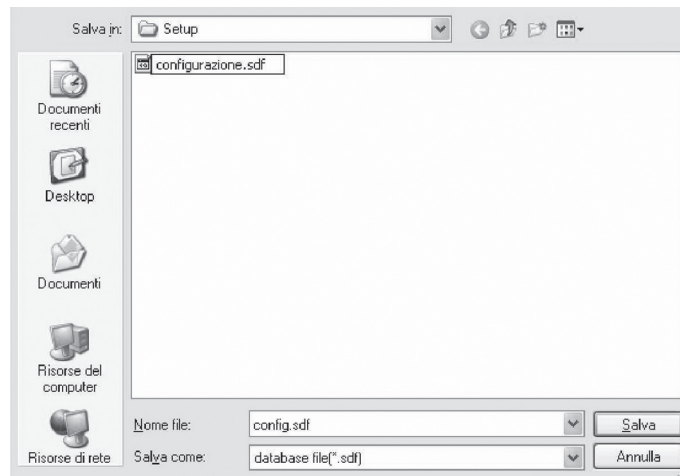
## 2.1 CONFIGURATION

In this menu it is possible to create, change, save or read the call module configurations.



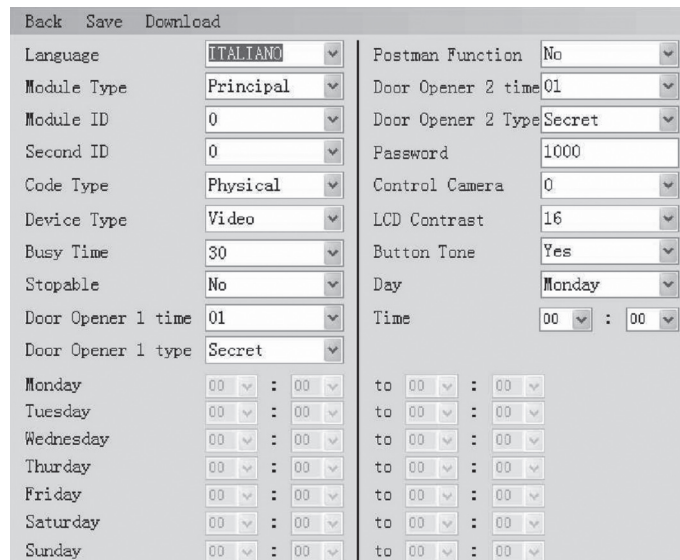
### 2.1.1 Creating a new configuration (BlueTooth device not connected to the call module)

Select **“CONFIGURE”** → **“NEW CONFIGURE”**, assign a name to the configuration and select **“Save”**.



Now a screen showing all configurable values will be displayed.

In this screen it is possible to configure the following parameters and create a new configuration:



For the definition and the meaning of parameters, see the manual of 2Voice Ref.1038/13 call module.

### 2.1.2 Saving a configuration

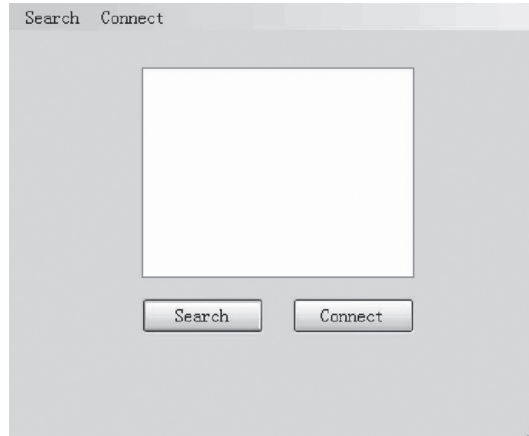
When the configuration has been created, it can be saved on the PC and then downloaded to the call module. To save the new configuration, select **“SAVE”**, assign a name to the configuration and select **“Save”**.

### 2.1.3 Downloading a configuration

Previously created configurations can be downloaded to the call module. To do this, select **“DOWNLOAD”**.

Now the display will show a connection menu; select **“Search”** to search the desired call module. The call module is displayed by the PC only if it is in programming mode (see paragraph 2). At the end of the search, the device will display the list of the BlueTooth devices detected; select

the device **"BT call module 115200"** and select **"Connect"**. After the device has been connected, it will require the connection password (the password must be the same as that configured on the call module, the default password is 1000). Confirm the password by pressing **"OK"**. The call module display will show **"BLUETOOTH CONNECTED"**. When the download has been completed, a screen will confirm the configuration download.



 At the first connection, the SW requests the pairing password, that is 0000.

### 2.1.4 Reading the call module configuration

To read the call module configuration, perform as follows:  
 In the main menu select **"CONFIGURE"** → **"READ FROM CALL MODULE"**, if the PC is not yet connected to the call module, the connection procedure will automatically start (as described in 2.1.3).  
 After entering the password, the program will read and display the call module configuration.  
 The uploaded configuration can be saved, changed or loaded again to the call module, as above described.

### 2.1.5 Reading the configuration from file

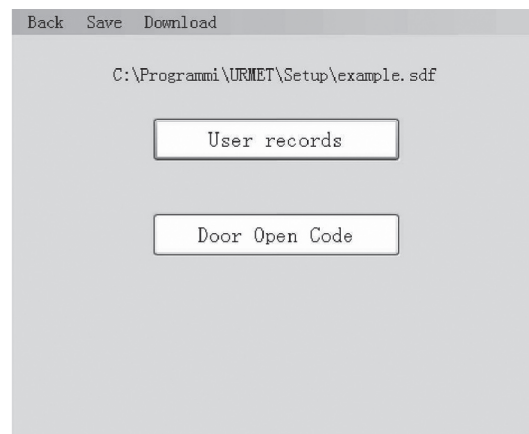
To read the configuration previously saved in a file, select **"2VOICE CALL MODULE"** → **"CONFIGURE"** → **"READ FROM FILE"**.  
 The configuration saved in the file will be displayed.

## 2.2 USERS AND DOOR LOCK RELEASE CODES

In this menu it is possible to create, change, save or read the users database (included the respective physical, logical and door lock release codes, if present) and the door lock release codes database.  
 The user list (with respective codes) and the door lock release codes are packed in a single database. The next one is a database that includes a list of names (USER NAME) and a list of door lock release codes (DOOR OPENER CODE).

### 2.2.1 Creating a Database (users with respective codes and door lock release codes)

In the first application screen select **"2VOICE CALL MODULE"** → **"DATABASE"** → **"NEW DATABASE"**. Enter the name of the database to be created and select **"SAVE"**.  
 When the database has been saved, the display will show the page with the new database that includes the list of the user names and the list of door lock release codes.



Select the database section to edit and enter the data, as described in the following paragraphs.

### Entering a user

In the page of the previously created database select **"USER RECORDS"**; in the new screen it is possible to enter user names, user codes and door lock release codes associated to them.

| Back Save Delete |           |                |            |                  |
|------------------|-----------|----------------|------------|------------------|
|                  | User name | Physic address | Logic code | Door opener code |
| 1                | User 1    | 0001           | 0001       | 0001             |
| 2                | User 2    | 0002           | 0002       | 0002             |
| * 3              |           |                |            |                  |

For the definition of physical, logical and door lock release codes refer to the call module user manual. If wrong data are entered, for example a user name already present or wrong codes or already present, the application will show an error message.

### Entering a door lock release code

In the page of the previously created database, select **“DOOR OPEN CODE”**.

| Back Save Delete |                  |
|------------------|------------------|
|                  | Door opener code |
| 1                | 0001             |
| 2                | 0002             |
| * 3              |                  |

Enter the codes to be added to the database and select **“SAVE”** to save.

For the definition of door lock release codes refer to the user manual of the call module. If wrong data have been entered, for example door lock release code already present or wrong code, the application will show an error message.

### 2.2.2 Downloading a database to the call module

When all users and respective door lock release codes have been entered, as described in paragraph 2.2.1, it is possible to send the created database to the call module. To download the database, in the main page of databases select **“DOWNLOAD”**. If the PC is not yet connected to the call module, the connection procedure will automatically start, as shown in 2.1.3. When the connection procedure has been completed, the PC sends the selected database; at the end of the download, the display will show a message confirming the download and showing how many records have been downloaded to the call module.

 **With the DOWNLOAD procedure, names and door lock release codes present on the call module will be overwritten by the ones sent by the PC.**

### 2.2.3 Reading a database present on the call module

With the PC it is possible to read the users and codes database present on the call module; when the database has been uploaded, it is possible to change, add or delete users and door lock release codes. To acquire the database present on the call module, in the main menu select **“2VOICE CALL MODULE”** → **“DATABASE”** → **“READ FROM CALL MODULE”**. If the PC is not yet connected to the call module, the connection procedure will automatically start, as shown in 2.1.3. When the connection procedure has been completed, the PC will read the database present in the call module; at the end of the upload, the display will show a message confirming the upload and how many records have been read from the call module.

By selecting **“OK”**, the uploaded database will be displayed.

Now it is possible to save the uploaded database or edit the list of names and/or the list of door lock release codes and then send it again to the call module.



### 2.2.4 Reading a database from a file

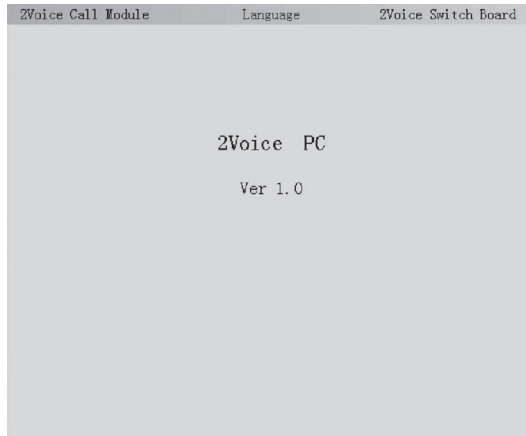
With the PC it is possible to read the previously created database in order to change, add or delete users and door lock release codes. To import the database from a file, in the main menu select **“2VOICE CALL MODULE”** → **“DATABASE”** → **“READ FROM FILE”**.

By selecting the desired file, the display will show a message to confirm the complete loading and show how many records have been imported from the file. Now it is possible to save the loaded database or edit the list of names and/or the list of door lock release codes and send it to the call module, as shown in the previous paragraphs.

### 3 PROGRAMMING THE CONCIERGE SWITCHBOARD

To use the programming software, check that the software has been installed on the PC and the switchboard is powered and connected to the PC. To access the programming mode, perform as follows:

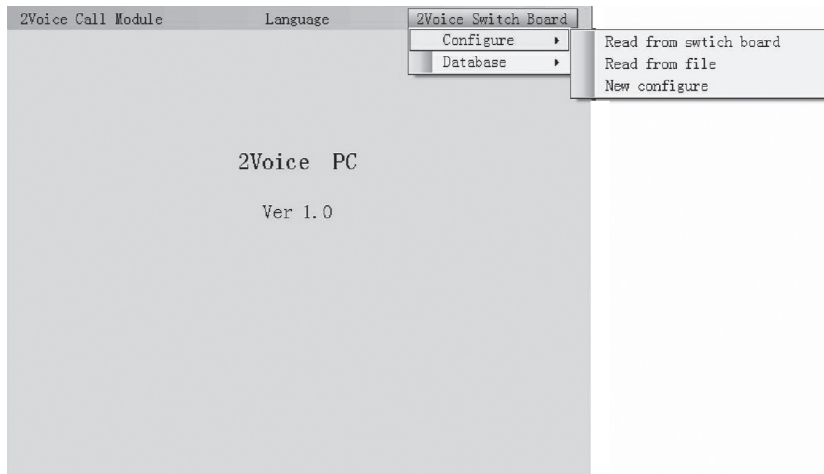
- In the switchboard keep the button SHIFT pressed and press repeatedly the button .
- In the language menu press the button .
- After accessing the programming mode, launch the program installed on the PC.



Select 2Voice Switch Board: in this menu it is possible to read, change or create configurations, download or change a users database and the respective door lock release codes.

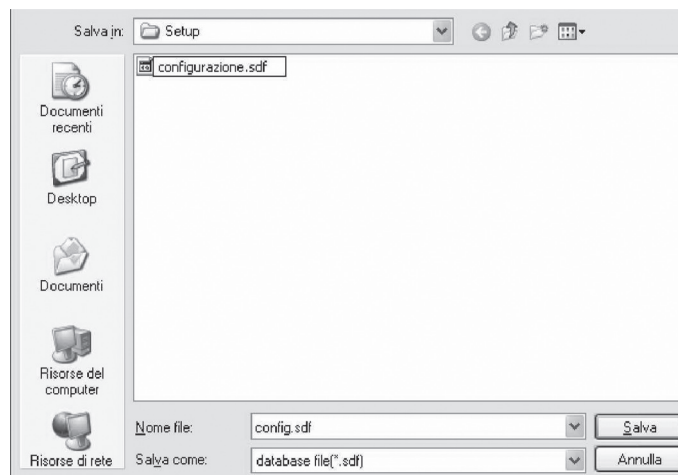
#### 3.1 CONFIGURATION

In this menu it is possible to create, change, save or read the switchboard configurations.

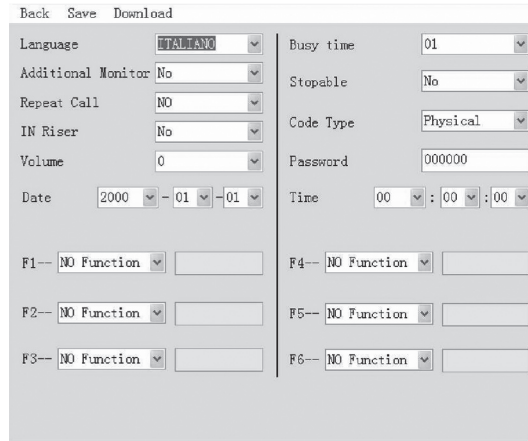


##### 3.1.1 Creating a new configuration (the configuration can be created even if the device is not connected to the PC)

Select **"2VOICE SWITCH BOARD"** → **"CONFIGURE"** → **"NEW CONFIGURE"**, assign a name to the configuration and select **"Save"**.



Now the display will show all configurable values.



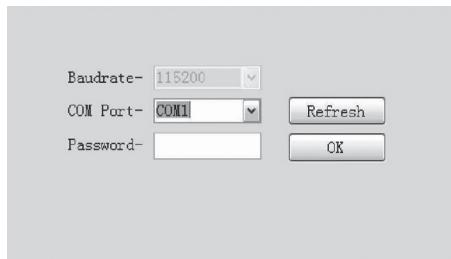
For parameters definition and meaning, see the manual about the concierge switchboard 2Voice Ref.1038/40.

### 3.1.2 Saving a configuration

After the configuration has been created, it can be saved on the PC and then downloaded to the switchboard. To save the configuration select **“SAVE”**.

### 3.1.3 Downloading a configuration

It is possible to send the created configuration to the switchboard. To send it to the switchboard, select **“DOWNLOAD”**. Now the display will show a connection menu; select the COM port to which the switchboard is connected, enter the password (000000 by default) and select **“OK”**.



*During the connection between the switchboard and the PC, if no password has been set in the switchboard, enter the password 000000 when the program requires it.*

At the end of the download, a confirmation message will be shown in the PC display.

### 3.1.4 Reading the switchboard configuration

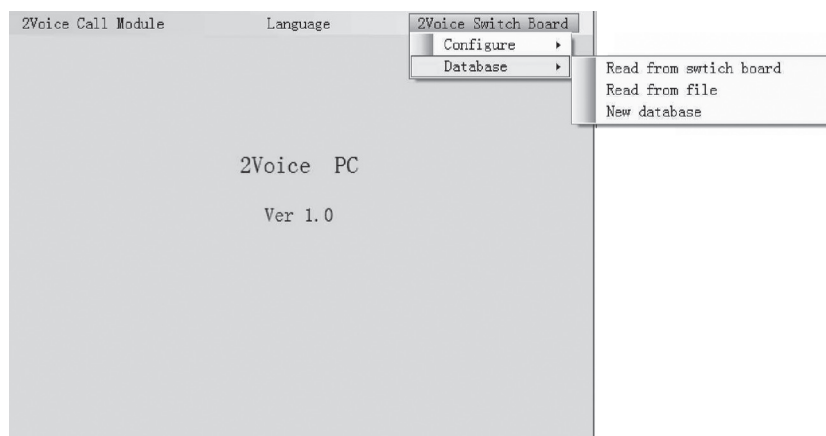
To read the switchboard configuration, perform as follows:  
 In the main menu select **“2VOICE SWITCH BOARD”** → **“CONFIGURE”** → **“READ FROM SWITCH BOARD”** to start the connection of the PC to the switchboard (as described in 3.1.3). The PC will read the switchboard configuration and show it in the display.  
 When the configuration has been uploaded, it will be possible to save, change and download it again to the switchboard, as described above.

### 3.1.5 Reading the configuration from a file

To read the configuration previously saved in a file, select **“2VOICE SWITCH BOARD”** → **“CONFIGURE”** → **“READ FROM FILE”**. The configuration saved in the file will be displayed on the screen.

## 3.2 USERS AND DOOR LOCK RELEASE CODES

In this menu it is possible to create, change, save or read the users database (included respective physical, logical and door lock release codes).



### 3.2.1 Creating a Database

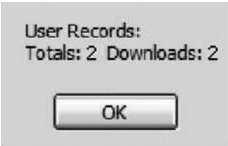
In the first screen of the application 2Voice PC, select **"2VOICE SWITCH BOARD"** → **"DATABASE"** → **"NEW DATABASE"**. Enter the name of the database to be created and select **"OK"**. In the displayed window it is possible to enter User names, physical, logical and door lock release codes.

|      | User name | Physic address | Logic code | Door opener code |
|------|-----------|----------------|------------|------------------|
| 1    | user1     | 00001          | 0001       | 0001             |
| 2    | user2     | 00002          | 0002       | 0002             |
| ▶* 3 |           |                |            |                  |

When all users and the respective codes have been entered, it is possible to save the database on the PC or directly send the names to the concierge switchboard.

### 3.2.2 Downloading a database to the concierge switchboard

When all users and respective codes have been entered, the database can be sent to the switchboard. To download the database, select **"DOWNLOAD"** in the window used to enter the names. If the PC is not yet connected to the switchboard, the connection procedure will automatically start, as shown in 3.1.3. All names will be sent to the switchboard and at the end of the download a confirmation message will be displayed on the screen.



 **With DOWNLOAD procedure, names and door lock release codes present in the switchboard will be overwritten by the ones sent from the PC.**

### 3.2.3 Reading a database present in the switchboard

From the PC it is possible to read the users database present in the switchboard; when the database has been uploaded, it is possible to change, add or delete users. To acquire the switchboard database, in the main menu select **"2VOICE SWITCH BOARD"** → **"DATABASE"** → **"READ FROM SWITCH BOARD"**.

If the PC is not yet connected to the switchboard, the connection procedure will automatically start, as shown in 3.1.3. When the connection procedure has been completed, the PC will read the database present in the switchboard; at the end of the download, the display will show a message confirming the download and showing how many records have been uploaded by the PC. Select **"OK"** to display the uploaded database.

Now it is possible to save the uploaded database or edit the names list and send it again to the switchboard.

## 3.3 READING A DATABASE FROM A FILE

From the PC it is possible to read the previously created databases to change, add or delete users and door lock release codes. To import the database from a file, in the main menu select **"2VOICE SWITCH BOARD"** → **"DATABASE"** → **"READ FROM FILE"**. By selecting the desired file, the display will show a message to confirm the complete loading and show how many records have been imported from the file. Now it is possible to save the loaded database or edit the names list and send it to the switchboard, as shown in the previous paragraphs.





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