

IRYDE

TOUCH PHONE

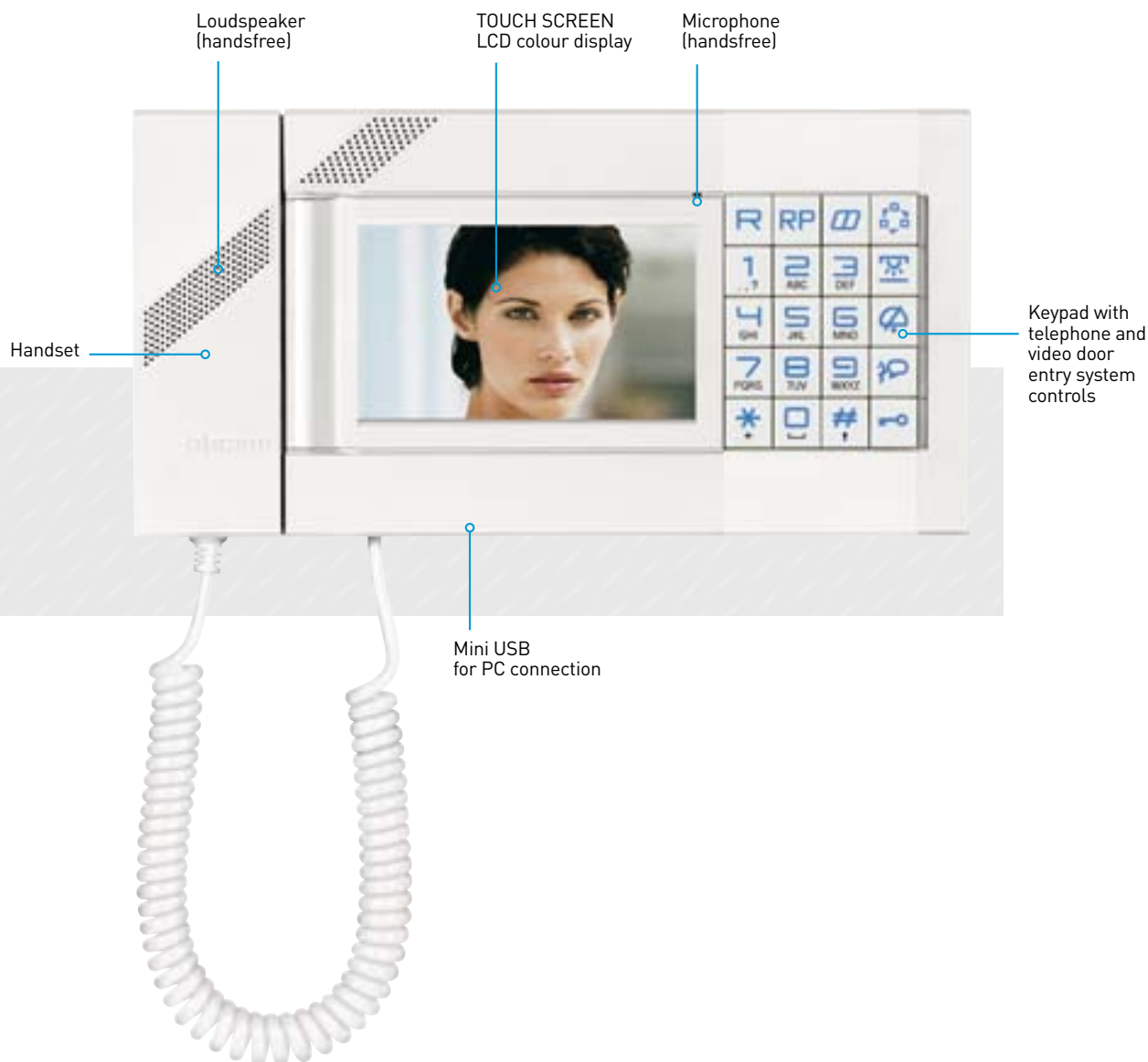
MAIN FEATURES

Iryde Touch Phone is a device that gives the possibility of integrating the video door entry system functions to the telephone functions. It can be mounted on the wall, using the appropriate metal bracket, or on a table-top base.

It features a Touch Screen with 4.3" LCD colour display, backlit keypad and navigation menu,

which can be customised using a PC, for the management of the following functions:

- Video door entry system
- Telephone system
- Automation
- Temperature control
- Sound system
- Burglar alarm



MAIN FUNCTIONS:

TELEPHONE FUNCTIONS



- Address book with contact customisation (photo)
- Identification of extension caller
- Customisable melodic bells
- Call log: missed, received, made
- Handsfree enabling and disabling function
- Call forwarding and repetition
- Call exclusion
- Telephone transfer

VIDEO DOOR ENTRY SYSTEM FUNCTIONS



- Entrance panel switching on
- Cycling of cameras
- Staircase light switching on
- Door lock release

VIDEO DOOR ENTRY SYSTEM FUNCTIONS



- Programming and management of the sound system sources
- Alarm log display
- Temperature control central unit management
- My Home scenario management



Video door entry system screen



Temperature control screen



Sound system screen

Functions performed by the PABX switchboard

Telephone services



■ Calls to the PSTN telephone line:

It is possible to enable/disable the individual extension for making call through the PSTN telephone line. This enabling/disabling is individual for each PSTN telephone line in the system.

■ Calls from the PSTN telephone line:

It is possible to enable/disable the individual extension for receiving calls from the PSTN telephone line. This enabling/disabling is individual for each PSTN telephone line in the system.

■ Calling a number on the PSTN telephone line:

The extension can call and talk with a telephone number on the PSTN telephone line. It is possible, using the appropriate keypad control, to select the PSTN telephone line on which to make the call (codes to be used are 11 and 12).

■ Answering a call:

When the telephone rings, irrespective of the type of call, it is possible to establish communication with the caller by lifting the receiver. The user can identify the origin of the call, using the "differentiated call" service, or by means of a message shown on the display (CID service, only for enabled extensions).

■ Putting a call on and off hold on a PSTN telephone line:

During a call, the extension can, using the appropriate command (R key) put the caller of the PSTN telephone line on hold. The PSTN caller hears a waiting tone. While the call is on hold, the extension can call another extension, activate an available service, or continue the conversation, by pressing the same key (R) again, to put the caller off hold. It is possible to put on hold an intercommunicating call with another extension, but not one from the 2 wire video door entry system.

■ Transferring a PSTN telephone line call to another extension:

The extension (or caller) can transfer a PSTN telephone line call, after putting it on hold, to another extension. The caller can make an intercommunicating call, a general call, or a pager call to another extension, and transfer the call.

■ Answering a second call during a conversation on the PSTN telephone line (call warning tones):

During a conversation, the arrival of a second call is notified by a warning tone. The user can interrupt the current conversation by replacing the receiver, lifting it again to answer the new call. However, if the user does not want to stop the current call, the second call can be answered using the "call switching" service.

■ Call switching:

During a conversation through the PSTN telephone line, if another call is received, the user of the extension can use the appropriate keypad control to put on hold the current conversation, and answer the second call. The same control can be used to put the second call on hold and return to the first one.

■ Emergency operation:

In case of power supply cut, only extensions 1 and 2, connected to the PSTN telephone lines 1 and 2 respectively, can make and receive calls. No other services are available, and the other extensions will not work.

■ Direct access to the PSTN telephone line:

When lifting the receiver, the extension is connected directly to the PSTN telephone line and a telephone number can directly be selected. In this mode, internal services (intercom, etc...) are accessed by pressing the R key after lifting the receiver.

■ Disconnection from the PSTN telephone line:

If no number is entered within 20 seconds, the extension engaging the line is disconnected, and the line is made available to the system.

■ Fax Switch service:

The service can be activated on each of the two PSTN telephone lines. If the incoming call is a FAX call, this will be directly diverted to the appropriate extension, otherwise the enabled telephones will start ringing. In case of VOICE call, the user will be asked to wait, by a voice message, while the switchboard recognises the type of incoming call.

■ DOSA Service:

The service gives the possibility of entering a telephone number on the PSTN telephone line through an EP door entry system call. It is possible to associate a telephone number for DOSA CITO1 type calls (address book item 48), and a number for CITO2 DOSA type calls (address book item 49). On arrival of a (CITO1, CH_GEN, CITO2) call from the EP, the enabled extensions ring at the same time, and if the PSTN telephone line is free, the number entered in position (49-50) of the address book is dialled. If an extension or a handset answers, the call towards the PSTN telephone line is stopped. If there is no answer for 25 seconds, the PABX answers the call automatically to enable the remote telephone to decide whether to accept or refuse the call.

■ Door lock DOSA service:

By entering code 97, the user of the remote telephone can order the release of the door lock.

■ DISA Service:

This service gives a remote telephone the possibility of directly initiating a conversation with an extension connected to the PABX. Following an incoming call on LU1 or LU2, the switchboard automatically answers and sends to the remote telephone a voice menu explaining how to enter in conversation with one of the PABX extensions.

■ CID:

Caller ID on all extension telephones of the PABX, both PSTN telephone line calls and for intercommunicating calls.

Video door entry system services



- **Door entry system services:**
It is possible to enable/disable the extension for the release of the EP door lock (also addressed), and the activation of the staircase lights.
- **Calls from the entrance panels (EP):**
It is possible to enable/disable the individual extension for receiving calls from the entrance panel. It is possible to independently enable/disable the reception of each individual call address configured in the PABX (CITO1 and CITO2), and of the general call.
- **Intercommunicating calls from another apartment:**
It is not possible to enable/disable the individual apartment for receiving intercommunicating calls between the extensions of the 2 wire video door entry system.
- **Intercommunicating calls from the handset of the same apartment:**
A handset can call an individual PABX extension by making an intercommunicating call with an address between 1 and 8 (the addresses for CITO1 and CITO2 are not considered for calls from the handset).
- **Release of the main entrance panel door lock:**
The door lock of the main entrance panel may be released from any extensions. The main entrance panel address can be configured by the user.
- **Staircase light switching on:**
The staircase lights can be activated by any extensions, either when the extension is idle, or during a conversation. The extensions (e.g. ITP) feature a dedicated key for the activation of the service.
- **Intercommunicating calls between extensions of the 2 wire system:**
The extensions can make or receive calls from other extensions of the 2 wire system. The call to the extension is made by selecting a keypad code (from 409 to 499). The call from the handset shall have an address between 1 and 8, and will cause the individual extension to ring.
- **Intercommunicating call between two apartments of the 2 wire system:**
The extensions can make or receive calls from handsets belonging to other apartments of the 2 wire system. The call to the other apartment is made by entering a code in the keypad (from 501 to 509). The call coming from the other apartment will have a General address and cause all the extensions to ring.
- **General handsfree call (pager function):**
The user can make a handsfree announcement through the amplifiers of all the handsets and sound system accessories (e.g. video stations, ITP, etc.). The service can be activated from any extension by pressing the # key. The relevant individual can enter into conversation with the caller from any system extension. To end the service simply disconnect.
- **Managing calls from the 2 wire system (video door entry system):**
The system answers the calls from the 2 wire bus with address 01, 02, and general. The addresses can be customised using the configuration program (TiPABAX).

Various Services



- **Encapsulation of the extension:**
The extension performing a wrong operation that causes a slow down in the system operation is disconnected from all resources. The extension receives a time-out tone to invite the user to replace the receiver.
- **Extension selection mode:**
The PABX can detect notifications in multi-frequency selection mode (DTMF) sent by the extension. Dedicated mode notifications (DC) are not detected.
- **Classification of the extensions:**
Possibility of enabling or disabling the individual extension in relation to certain services, calls received, or made. The factory configuration is with the extensions enabled for all services, and for all types of incoming and outgoing calls.
- **Extension call (intercommunicating call):**
The extensions can communicate with each other. The extension to call is selected using the keypad (40x, with x being a number between 1 and 8).
- **General call of all the extensions:**
The extension can simultaneously call all the other extensions and handsets of the apartment. The first handset or extension answering, will initiate a conversation with the caller (enter 400).
- **Differentiated call:**
The user can identify the type of incoming call (intercommunicating, from the PSTN telephone line, or from the SCS BUS), by associating a different ringtone on the ACB extensions.
- **MY HOME remote activation service:**
The service gives a remote user the possibility of sending "open" commands through a PSTN telephone line call to the PABX. Open "commands" may relate to scenario (CHI=0), lights (CHI=1), and automations (CHI=2), but also temperature control and sound system management functions, as well as CEN and CEN plus commands. Following a call from the PSTN telephone line, the switchboard automatically answers after a number of rings that can be set by the user (default 5). The remote telephone receives a voice message inviting the user to enter a password, after which access to a voice menu will be granted, giving the possibility of sending previously set "open" commands. The user can perform up to a maximum of 5 activations by pressing a number between 1 and 9. The PABX sends a voice message informing the user if the action has been successful or not.
- **Customisation of messages directly from any telephone extensions.**
- **Doctor's office function.**
- **Managing the answering machine when the MY HOME service is enabled.**