

# T110

**TELEPHONE WITH CALLER IDENTIFICATION**

**User's manual**

**crypto**

# Contents

<b>INTRODUCTION.....</b>	<b>3</b>
<b>FUNCTIONAL CHARACTERISTICS.....</b>	<b>3</b>
<b>LCD SCREEN INDICATIONS.....</b>	<b>4</b>
<b>THE KEYBOARD AND THE CONNECTION INPUTS.....</b>	<b>5</b>
<b>INSTALLATION.....</b>	<b>6</b>
<b>T110 FUNCTIONS.....</b>	<b>6</b>
1. Incoming call indication.....	6
2. Review incoming calls.....	7
3. Delete incoming calls.....	7
4. Store and callback incoming calls.....	7
5. Callback an incoming / outgoing number.....	7
6. HOLD .....	7
<b>MENU FUNCTIONS.....</b>	<b>8</b>
1. SET Date.....	8
2. SET CODE.....	8
3. SET Lcode.....	8
4. SET Flash.....	8
5. SET Auto IP.....	8
6. BABY CALL.....	8
7. SET P 7.....	9
8. SET ALAr.....	9
<b>Possible problems and solutions.....</b>	<b>10</b>

## INTRODUCTION

The **T110** telephone by **Crypto** is your loyal household friend, because you can see who is calling you when you are home or you can see who has called you and how many times (with time and date) when you were absent from the house. This way, you are easily notified if friends or relatives call. Ofcourse, features such as Low / High speakerphone or ringing Low / High, music on hold, Pulse or Tone dialing and fast callback are provided as standard features on the phone.

The T110 is very helpful at your office as well. In addition to the above capabilities, it has excellent compatibility with all PBX phone centers with the FLASH and HOLD buttons.

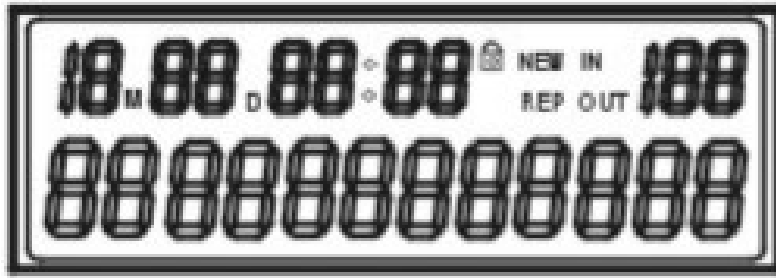
## FUNCTIONAL CHARACTERISTICS

### **Crypto T110 provides:**


1. Automatic system detection FSK / DTMF (ETSI)
2. Liquid Crystal LCD screen
3. Indication for total incoming calls, new and repeated calls with time and date.
4. Distinction of new and repeated calls.
5. Stores 50 incoming calls which you can review, delete and callback.
6. Stores 9 outgoing calls.
7. Pre-dial function
8. Hands free speakerphone with Hi/ Low volume switch
9. Hi/ Low Ringer volume switch
10. Tone & Pulse selectable switch
11. Music on Hold
12. Real-time display (date / time / day)

## LCD SCREEN INDICATIONS

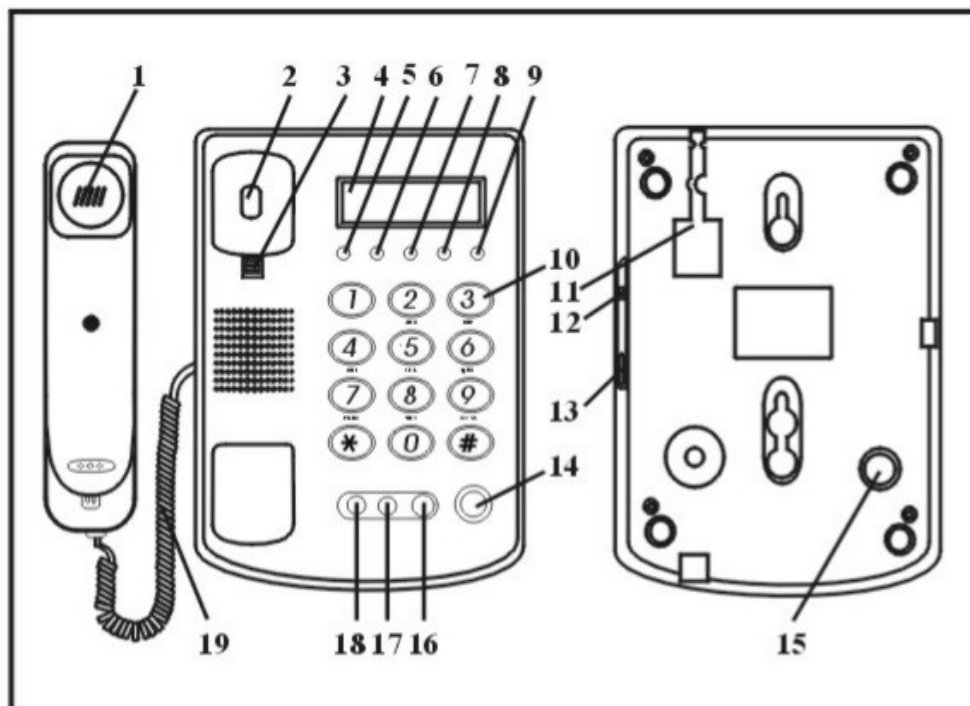
### All indications




### Explanation of indications

<b>IN</b>	Appears during an incoming call or while reviewing an incoming call
<b>OUT</b>	Appears when reviewing outgoing calls
<b>NEW</b>	Appears during a new incoming call or an unanswered incoming call
<b>REP</b>	Appears when the same incoming call number has called repeatedly.
 <b>Lock</b>	Appears when phone has been locked (bared)
<b>Date</b>	month, day, time, and year
<b>----P----</b>	When receiving an incoming call and the number has been withheld from the subscriber.

## THE KEYBOARD AND THE CONNECTION INPUTS



1	<b>Handset</b>	Handset
2	<b>Switch</b>	Lift handset to make or answer a call / place handset back on base to end a call
3	<b>Hook</b>	When placing the T110 on wall position, turn hook around and place in the same position, in order for handset to be placed properly on base
4	<b>LCD</b>	LCD screen with various indications
5	<b>UP</b>	To review caller ID calls from oldest to newest / menu scroll
6	<b>DOWN</b>	To review caller ID calls from newest to oldest / menu scroll
7	<b>DEL</b>	To erase/ escape from menu
8	<b>OUT</b>	Review outgoing calls
9	<b>SET</b>	To enter into menu mode
10	<b>0-9 (A – Z), *, #</b>	Alphanumeric keyboard
11	<b>RJ11 LINE jack</b>	input to connect the telephone line
12	<b>Ringer HI/LO</b>	Adjust HI/LO volume of ringer
13	<b>Volume HI/LO</b>	Adjust HI/LO volume of speakerphone
14	<b>Speakerphone</b>	Speakerphone button (activate / de-activate)
15		Indicates that the phone is in lock/barred mode
16	<b>REDIAL</b>	Execute a selected call
17	<b>FLASH</b>	Terminate a call, select another line
18	<b>HOLD</b>	Music on hold

The battery compartment is located at the bottom side of the unit. The unit uses 2 **AA** 1.5V type batteries.

To install the batteries correctly, see the polarity direction, which is indicated in the battery compartment.

### **ATTENTION**

In order not to lose all the various information and settings which have been stored in the T110, during the replacement of batteries, **the telephone line must stay connected to the T110.**

## **INSTALLATION**

1. Place the batteries into the battery compartment according to their proper polarity.
2. Connect the telephone line into the LINE input of the phone.
3. Once the batteries have been properly installed, the LCD screen will indicate the total number of new calls (NEW), the year and date.

Initially, the time and date that will appear on-screen will not be correct.

When the first incoming call is received, the time and date of the **T110** will automatically adjust (if the telecom provider provides this service). You will only need to adjust the year.

## **DESCRIPTION OF FUNCTIONS**

### **1. Incoming call indication**

When receiving an incoming call and after the first ring, the number of the other party will appear on the screen. If a name has previously been appointed, then the number will appear together with the name.

If the other party's number is withheld, the message **----P----** will appear.

### **2. Review incoming calls**

The T110 can store 50 incoming calls. By pressing "**UP**" or "**DOWN**" we can see all the consecutive incoming calls.

At the same time, on the top right corner we can see the consecutive calls, by incoming (IN), by new (NEW), and by repeated (REP) calls.

### **3. Delete incoming calls**


- Press UP and DOWN until we find the calls that we want to delete, and press DEL.
- To erase all incoming calls, press DEL for 3 seconds.
- DEL is generally used as an escape key (the known ESC key on every computer) while being in a certain menu or as an erasing tool.

### **4. Store and callback outgoing calls**

**CRYPTO T110** can store the last 9 outgoing calls (indicating at the same time, the number and duration of the call), which you can afterwards see by pressing the **OUT** key.

For each one of those calls you can callback by pressing the **REDIAL** key.

## 5. Callback an incoming / outgoing number

- In standby mode press UP or DOWN for incoming calls, and OUT for outgoing calls in order to find the number that we are looking for.
- Press REDIAL and the call will be placed automatically.
- Finally, we can either use the speakerphone by pressing the  button, or pick up the handset.

## 6. HOLD

Press **HOLD** to put the other party on hold (with music). Return to normal talking mode by pressing **HOLD** again.

## MENU FUNCTIONS

### 1. SET 1 Date Setting the time, day, month and year

- To set the date (time, day, month and year) from the menu, press **SET** and **UP** until we find **DATE**, press **SET** again.
- Make the appropriate settings by using the UP and DOWN keys and SET to confirm and move to the next setting.
- Press **DEL** to exit from the menu

### 2. SET 2 CODE

With this feature you can input your local area code prefix so that during incoming calls coming from the same area, the T110 filters the area code (i.e.01) and does not store it in the memory so that we can callback this number without the (i.e.01).

**Note: This feature can be used only in countries where this type of service is offered.**

- Press **SET** and with **UP** or **DOWN** find the **CODE** selection and press **SET** again.
- Enter the area code with the **UP** and **DOWN** keys and press **SET** to confirm each number and to move on to the next number.
- Press **DEL** to exit from the menu.

### 3. SET 3 Lcode-

You can enter up to 5 digit Lcode. To use this feature, select an incoming call and press REDIAL 2 times and the 5 digit code that you have inserted will be dialed out first before the number.

- Press **SET**
- Press **UP** or **DOWN** to find the **Lcode** selection and press **SET** again
- Enter the number with the **UP** and **DOWN** keys and press **SET** to move on to the next number.
- Press **DEL** to exit from the menu.

### 4. SET 4 Flash – Adjust the Flash time

To change the Flash time:

- Press **SET**
- Press **UP** or **DOWN** to find the **Flash** selection and press **SET** again
- Select the desired flash time by using the **UP** and **DOWN** keys
- Press **DEL** to exit from the menu.

## 5. SET 5 Auto IP

This function does not work

## 6. SET 6 P – 7 – Pulse / Tone dialing selection

- Press **SET**
- Press **UP** or **DOWN** to find the **P - 7** selection and press **SET** again
- Select Pulse or Tone by using the **UP** and **DOWN** keys
- Press **DEL** to exit from the menu.

## 7. SET 7 ALAr – Parallel lines barring (steel dialing)

By activating this feature, all units using the same parallel line cannot make phone calls

- Press **SET**
- Press **UP** or **DOWN** to find the **ALAr** selection and press **SET** again
- Select **ALAr ON** or **ALAr OFF** by using the **UP** and **DOWN** keys
- Press **DEL** to exit from the menu.

**For the T110 to properly function, please pay attention to the following points**

- Do not expose the LCD screen to direct sunlight for a long period of time.
- This unit accepts calls based on the FSK or DTMF system, if the first incoming call is based on the FSK system, the only way to change to DTMF (and vice-versa) is to press the “\*” button twice.

### Possible problems and solutions

Problem	Solution
There is no dial tone after lifting the handset	<ul style="list-style-type: none"><li>• Check that the telephone cable has been steadily plugged into both the wall and the T110</li><li>• Check to see if the telephone line has any problem</li></ul>
Cannot hear the ringing melody	<ul style="list-style-type: none"><li>• Check to see that the head of the cable is properly connected to the cable</li><li>• There are possibly too many communication devices connected to the same line. (i.e. other phones or modems).</li></ul>
The LCD screen is dim or dark	<ul style="list-style-type: none"><li>• Check to see that the batteries have been properly installed (proper polarity).</li><li>• Check that the batteries have enough power to operate</li></ul>
The caller identification system does not work	<ul style="list-style-type: none"><li>• Check that this service is activated by the telecom provider.</li><li>• For caller ID to properly function, you should answer the phone no sooner than 2 rings</li><li>• Check to see which system (FSK or DTMF) the telecom provider is using, and adjust the unit accordingly by pressing “*” twice</li></ul>

-----  
*The technical specifications and accessories of the T110 are subject to change without prior notice.*