TDC 6500 Manual

Telson Electronics. Co., Ltd

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FCC RF EXPOSURE INFORMATION

WARNING!   Read this information before using your phone

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.
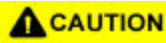
Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 2.0 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 2.0 cm. separation distance between the user's body and the back of the phone, including the antenna, whether extended or retracted. The use of third-party belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

For more information about RF exposure, please visit the FCC website at *www.fcc.gov*

1. Important Safety Precautions

Read these simple guidelines.   Failure to comply with them may be dangerous or illegal.

Road safety comes first

Do not use a hand-held phone while driving.   You should use ear-mic phone if you cannot avoid the situation.

Switch off in aircraft

Mobile phones can cause interference.   Using them on aircraft is both illegal and dangerous.

Switch off when refueling or bombing point

Do not use the phone at a refueling point (service station), near fuels, chemicals or other bombing place.

Respect special regulations

Follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger (in a hospital for example).

Interference

All mobile phones may be subject to radio interference, which may affect their performance.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids.
In the event of such interference, you may want to consult your
hearing aid manufacturer to discuss alternatives.

Qualified service

Only qualified service personnel must repair cellular equipment. Use only approved accessories and batteries.

Accessories

Use only manufacturer-approved accessories. The use of any other power accessory may invalidate any approval or warranty applying to the phone, and could be dangerous.

When you disconnect the power cord of any accessory, grasp and pull the connector, not the cord.

Emergency calls

When the phone is in service with power on, there is "SOS" in the bottom of LCD screen. You can dial emergency call number 112 by pressing the soft key under the "SOS" message. When the phone is waiting mode you can input emergency call number (for example 112, 119, 110, 999, 911 and so forth) and press Dial key. Announce your location and the situation. Do not quit the call until you get the permission.

Remark : Any mobile phone, because of networking service system or radio transmission situation, cannot support all the feature of mobile phone. Some network cannot support 112 emergency call. So you should not trust this function in the special and important number (for example medical emergency). Please contact to local network service operator.

2. Your phone

Phone layout
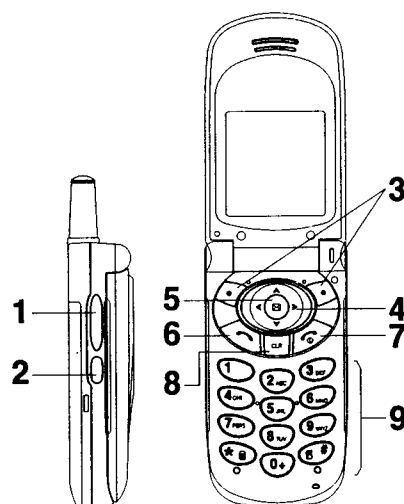
There are some keys in your phone as follows.

Key	Name	Description
6	Dial key	Makes or answers a call. In idle mode, recalls the last number dialed.
7	Power on/off key	Ends a call. Also switched the phone on and off when pressed and held. In the menu facility, selects a menu function or stores information that you have entered (such as a name) in the phone or SIM memory.
Located in LCD Screen	Soft key	Perform the functions indicated by the text above them (in the bottom line of the display).
3	Select key	In the menu facility, select a line or names stored in a phone book. When entering a name, move the cursor left and right respectively.
1	Volume key	During a call, adjust the earpiece volume.
9	Number key	Enter numbers, letters and some special characters.
4	Scroll key	Scroll up and down menu display.
2	Record key	Recording Voice Memo, Display Voice Memo menu.
5	Execute Key	Execute the selected menu item.
8	Clear Key	Cancel Key in menu selection. Delete Key in editor.

Connector Description
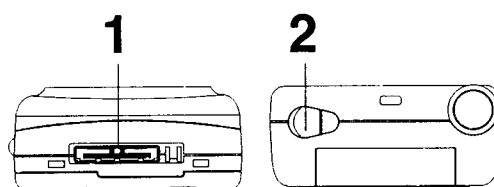
1. **Charging Connector.**

   Connecting The Traveller Kit or Hands Free.

   2. Headset Connector.

Screen

There are three parts on the screen : Top part is for various icons showing situations of the phone and two lines in the middle is for text and graphic area, the last line is for name of the menu facility representative of two soft keys.
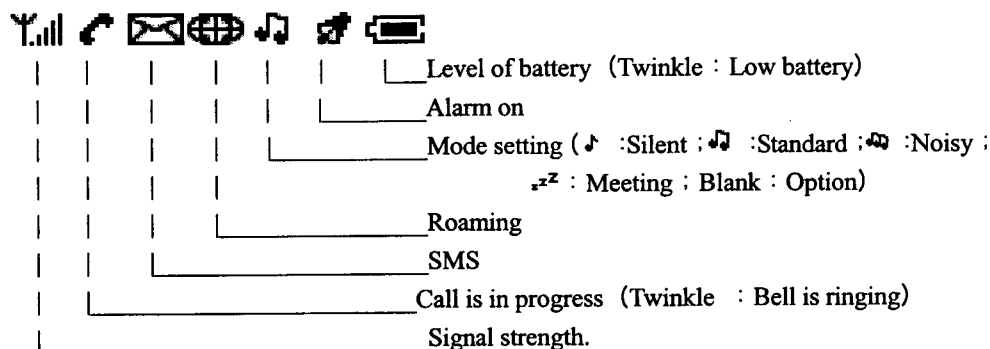
Icons on the top part are showing the received signal strength and the level of your battery.

Text and graphic includes messages, instructions and any information.

In the idle mode, shows date and time.

Icons

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Y.ıll  ✆  ✉⊕  ♫  ✆  ▭
 |    |   |  |  |  |   |__Level of battery (Twinkle : Low battery)
 |    |   |  |  |  |____Alarm on
 |    |   |  |  |_____Mode setting ( ♪ :Silent ; ♫ :Standard ; ♬ :Noisy ;
 |    |   |  |                         ᶻ : Meeting ; Blank : Option)
 |    |   |  |_____Roaming
 |    |   |_____SMS
 |    |_____Call is in progress (Twinkle  : Bell is ringing)
 |_____Signal strength.
```

Backlight

The display is illuminated by a backlight. When you press any key, the backlight illuminates. It turns off if no key is pressed within a given period of time, depending on the Back Light option in the Phone Settings menu.

3. Getting Started

3.1 Your First call

① Insert the SIM card (phone switched off and battery removed) . (See "Inserting SIM card" for more details.)

② See "Battery and charging" for charging a battery.

③ Press 📞 about 1 second to turn on the phone.

④ If message that enter the secret number of 4 digits shows, enter the number and press "confirm" soft key.

⑤ If message that enter your PIN (PIN is generally provided with SIM card) shows, enter the number and press "confirm" soft key. Refer to "Menu Language" in "Phone settings" for setup of language automatically depending the language in SIM.

⑥ Enter area code and phone number, and press 📞 .

注 : *You must insert valid SIM card and charge the battery before using your phone.*

3.2 Inserting SIM card (Insert/remove SIM card)

There are your phone, PIN (Personal Identification Number), PIN2, PUK(Password of SIM), PUK2 and IMSI (International Mobile Station Identification)number and network information, data in phone book and SMS data. Network operator shall provide you with these SIM information when you purchase SIM card.

Remark :

- *Network operator shall provide you with PIN (PIN1 and PIN2) and PUK (PUK1 and PUK2). Please ask local operator. PIN1 is the same as PIN in general.*
- *No operator in China shall provide PIN2 and PUK2. There's no way to use the facility nowadays, please note.*
- *Turn phone off and in a few second, press keys or insert SIM card.*
- *SIM card and its contacts can be easily damaged by scratched or bending, so be careful when handling, inserting or removing the card.*
- *Keep all SIM cards out of the reach of small children.*

Warning You should turn the phone off before you insert or remove SIM card. Otherwise the memory of SIM card shall be harmed.

Installing the SIM card :

1. Switch the phone off by holding down the power on/off key in 1.5 sec., and remove the battery.
2. Slide the SIM card into the SIM card holder so that the holder locks the card in position.
3. Place the battery back on the phone. Slide the battery up towards the catch until it clicks into place.

- If SIM card was set incorrectly or the memory of SIM card has been harmed, there shall be shown the message of "Looking for SIM card..." and "Install SIM card". Remove SIM card, examine the right way and reinstall SIM card in the phone.
- If SIM card seems to be harmed, please bring the phone for network operator to repair.
- If SIM card seems to be closed eternally, please ask network operator.

3.3 Battery and charging

3.3.1 Low battery indication

Your phone is able to control and show information about battery.

- When battery remains not enough, it shows "Low battery". You can hear warning alarm of low battery if you set the alarm in "Alarm information" which shall be explained in the behind part of this manual.
- When battery is being charged, it shows "Being charged".

3.3.2 Using travel charger

Travel charger is charging battery via phone. According to battery situation, charging a
battery needs 2~3 hours.

When your battery need to be charged in the phone :

1. Adjust the adaptor of your travel charger to connector in the phone.
2. Put the plug of travel charger to power socket.
3. "Battery is being charged" appears and light twinkles on the screen when charging
starts.
4. When charging is over, light stops twinkling and "Battery is charged" appears.

Remark :

● *When you connect or adjust travel charger with adaptor, you should push two small
button on both sides of adaptor. Otherwise adaptor or connector of phone shall be harmed.*

● *You can let the phone power on or off when the phone is charged.*

*Warning : You must check and adjust with local standard power supply and your travel
charger.*

3.3.4 Precautions when using batteries

1. Never use any charger or battery that is damaged in any way.
2. Use the battery only for its intended purpose.
3. If you use the phone near the network's base station, it uses less power; talk and standby
times are greatly affected by the signal strength on the cellular network and the parameters set by
the network operator.
4. Battery charging times depend on the remaining battery charge and the type of battery
and charger used. The battery can be charged and discharged hundreds of times, but it will
gradually wear out. When the operation time (talk time and standby time) in noticeably shorter
than normal, it is time to buy a new battery.
5. If left unused, a fully charged battery will discharge itself over time.
6. Extreme temperatures will affect the charging capacity of your battery: It may require
cooling or warming first.
7. Do not leave the battery in hot or cold place, such as in a car in summer or winter
conditions, as you will reduce the capacity and life-time of the battery. Always try to keep the
battery at room temperature. A phone with a hot or cold battery may temporarily not work, even
when the battery is fully charged. Li-ion batteries are particularly affected by temperatures
below 0 degree.

3.4 Power on and off

1. Hold down the ⬤ key for more than one second to switch the phone on.
2. If the phone asks for a password, key in the password and press the "Confirmation" soft key. The phone password is factory set to 0000.
3. If the phone asks for a PIN, key in the PIN and press the "Confirmation" soft key.
4. There shall be "Welcome Message" on the screen.
5. Entering idle mode.
6. Hold down the ⬤ key more than 1.5secondes to switch the phone off.

3.5 Using password

There are several access codes that are use by your phone and its SIM card. These codes help you protect the phone against unauthorized use. When requested for any of the codes explained below, key in the appropriate code (displayed as asterisks) and press the "Confirmation" soft key. If you make a mistake, press the "Back" soft key one or more times until the incorrect digit is cleared and then continue entering the correct code.

The access codes (except for the PUK and PUK2 codes) can be changed using Security menu options.

Remark : Avoid using access codes resembling emergency numbers, such as 112, so that you do not dial an emergency number accidentally.

3.5.1 Phone password

The Phone lock feature used the phone password to protect your phone against unauthorized use. The phone password is supplied with the phone and is factory set to 0000.
When the phone is locked, inputting password is required if you changed SIM card.

3.5.2 PIN

The Personal Identification Number or PIN (4 to 8 digits) protects your SIM card against unauthorized use. It is usually supplied with the SIM card.
If you set the PIN test function on, you should input PIN whenever you turn on the phone.
If you enter an incorrect PIN three times in succession, the code is disabled and cannot be used until you re-enable it by entering the PUK.

1. Input correct PUK number to solve SIM card lock.
2. The way is input correct PUK number and press "Confirm" key.
3. Input new PIN and press " Confirm" key.
4. Input again new PIN and press " Confirm" key.
5. PIN is already changed.

Warning : If you input incorrect PIN three times continuously, SIM card shall be locked and PUK is required to solve.   PUK number is offered by network operator in general.

3.5.3 PIN2

PIN2 (4~8 digits) and SIM card are offered together. They are necessary when you use "Call cost restriction" and "dial restriction"

If you want to know whether your SIM card support this function, please ask network operator.

If you enter an incorrect PIN 2 three times in succession, the code is disabled and cannot be used until you re-enable it by entering the PUK2.

The way is input correct PUK2 number and press "Confirm" key.   Input new PIN 2and press " Confirm" key. Input again new PIN2 and press " Confirm" key.   PIN 2is already changed.

3.5.4 PUK number

PUK number (password of PIN, 8 digits) is used in solving PIN. PUK is offered by manufacturer with SIM card together. If not, please ask service provider and sales shop.   If you input incorrect PUK number 10 times continuously, SIM card shall be invalid.   You should contact to network operator and change your SIM card.

3.5.5 PUK2 number

PUK2 number(8 digits)is used in solving PIN2. PUK2 is offered by manufacturer with SIM card together. If not, please ask service provider and sales shop.   If you input incorrect PUK2 number 10 times continuously, there are no way   of using PIN2 function.   You should contact to network operator and change your SIM card.

3.5.6 Password restriction

If you want to use call restriction, this function is required.

You can get this number from network operator when you apply to use network function.

3.6 Using ear-mic phone

You can make a call with your hands-free by using ear-mic phone.   When you connect the connector of ear-mic phone into consent of phone, ear-mic phone can substiture

If you set "Auto receive" on when you use ear-mic phone, you don't to have to press button to receive or quit a call.

4. General Functions

4.1 Making a call

1. In the idle screen is displayed, key in the area code and phone number and press the ⬤ key.

2. When you have finished you call, briefly press the ⬤key.

4.1.1 Making international calls

Press and hold down the ⬤ key. The "+" character appears. Key in the country code, area code and phone number and press the ⬤ key.

4.1.2 Correcting the Number

Press the right soft key to clear the last digit displayed. Hold down the right soft key to clear the whole display.

4.1.3 Making a call from the phone book

1st method :
1. In the idle mode, press select key and visit phone book (If necessary, press right soft key or ⬤ key to go back to the idle mode.)

2. Press select key to find out the phone number that you want to dial.

3. Press ⬤ key, and phone dial the matched number automatically.

2nd method :
1. In the idle mode, use right soft key to show phone book menu.
2. Search the phone book quickly by name or location and dial the number.

3rd method :

1. If you are well acquainted with the location in the phone book, you can input the location in the idle mode.

2. Press ![key] key to move this record out.

3. And press ![key] key to dial the number.

4.1.4 Redialing the last number

1. In the idle mode, press ![key] key to display a list of the last numbers dialed.

2. The phone shows the last 10 numbers dialed. Choose one by select key.

3. Press ![key] to dial the number.

4.2 Adjusting the Volume

During a call, if you want to adjust the earpiece volume, use the ▲ and ▼ keys on the left side of the phone. Press the ▲ key to increase and the ▼ key to decrease the volume.

4.3 Answering a call

1. When somebody calls you, the phone rings (or vibrates) and the phone icon in the middle of the screen flashes.

2. Press ![key] key to answer the incoming call.

3. To end call, press ![key] key.

4. To reject an incoming call, press and hold the ![key] key directly.

5. Press select key stop or keep ringing.

Remark :

If the Any key Answer menu option is set to ON, you can press any key to answer a call except ![key] key.

If the Auto Answer menu option is set to ON, a incoming call shall be answered automatically in a few second when you use ear-mic phone.

If the caller can be identified, the caller's phone number (or name if stored in your phonebook) is displayed. If the caller cannot be identified, only the phone icon flashes.

You can answer a call while using the phone book or menu features.

4.4 Mute

This function prevents your voice from being transmitted, but you can still hear the other party's talking.

Press select key to set or quit mute function.

4.5 In-call options

Your phone provides a number of control functions that you can use during a call. You can choose the function by pressing any number key, and carry out by pressing ⬛ key.

4.5.1 Hold and transfer

When call waiting is enabled, you may put the active call on hold while you answer the other incoming call.

Press ⬛+⬛ to release a waiting call.

Press ⬛+⬛ to release the call talking now, switch a waiting call.

Press ⬛+⬛ to make the call now you are talking into waiting mode, and the waiting call into talking mode.

4.5.2 Call waiting

If network service support this Call waiting function and you activate it, you can hear waiting sound during another call.

To set your call waiting options, proceed as follows :

Press ⬛ to receive incoming call, and the first call shall be hold automatically.

Press ⬛ and ⬛ to reject incoming call and keep your present call.

Press ⬛ and ⬛ to stop the first call and connect to waiting call. After this please refer to call hold and transfer.

4.5.3 Call holding

If network operator supports this function, you can dial new call during your another call. :
1st method :

1. Press or choose one number that you want to dial in the phone book, and press 🔘 to

   dial the second call.
2. The first call is hold automatically.

2nd method :

1. Press🔘 to hold present call.

2. Keep dialing another call.

After connected, one is on the line and another comes to be holding.   You can change the situation of two calls.   Please refer to hold and transfer.

4.5.4 Making a multiparty call

A multiparty call is a network service that allows up to six people to take part simultaneously in a multiparty or conference call.   For more information, contact your service provider.

Setting up the multiparty call:

Call the first participant in the normal way.

Call the second participant in the normal way.   The first call is automatically put on hold.

To join the first participant to the multiparty call, press 🔲 key and 🔘 key.

To add a new person to the multiparty call, call the person in the normal way, then press

🔲 key and 🔘 key.

You can add incoming callers by answering the call and pressing 🔘 key.   Repeat as required.

To quit the call of one of them, press🔲 key and the number of the call that want to drop

and🔘 key.

Press🔘 key to end multiparty call.

Remark : Realization of multiparty call is related with network operation.

4.5.5 Other options during a call

You can enter the menu facility, phone book or other option during a call. See menu and phone book guide for more information.

5. Phone book

KONKA 3228 phone can store 100 phone number at 1~100 area. You can store 40~255 phone number at SIM card (this is related with Network operator) at the area of over 100. The phone book of phone and SIM card is separated by different picture. The SIM card and phone memories, although physically separate, are used as if they were a single entity, called the phonebook.

5.1 Storing a phone number with a name

1. Choose "Add to SIM card" or "Add to Phone" in the phone book menu.
2. Start input name. KONKA3228 phone supports Pingyin input mode, Upper/lower-case character modes, English mode, Character and Symbol mode and number mode. See appendix A for KONKA Chinese-input method in detail.
3. After inputting name, press ▼key and enter the name.
4. If you input incorrectly, press right soft key and delete the last character you entered.
5. Phone presents a blank area to save name and number. If you are satisfied, pass to next stage. If you are not satisfied, input the area that you want to input and press ▼ key and enter the area.
6. Press right soft key "save" and save it in the phone book.

5.2 Searching for and dialing a number in the phonebook

In the idle mode, press "Phone book" soft key to enter the phone book menu.
Press select key ▲ and ▼ to search the entry up and down.
You can find the number due to name or location.
You can add or delete phone number.

Once you have found the required entry, press ⬭ to dial the number.

➢ Browsing and searching by a name
When you browse by a name, 3228 phone book browse list of Chinese and English record from A to Z by the follow ways :
1. If two condition of record is exactly same, they will be listed by the turn of location in the phone book.
2. If both record are listed by used Chinese character input method, same pingyin and different type of character, they will be listed from left to right with comparison of their Unicode from small to big. For example, "李平" is front of "黎平". Otherwise, they will be listed by their pronunciation. For example, "李平" is front of "王平"
3. If both record are listed by Alphabet, and they have same Alphabet but different size, from left to right, capital letter is front of small letter. For example, "JOHN" is front of

"john", and "joHN" is front of "john". Otherwise in disregards of capital or small, they will be listed by Alphabet turn. For example, "john" is front of "june"

4. If one of record is inputted by Chinese character and another is inputted by Alphabet, and pingyin of Chinese character and alphabet are same, Alphabet is front of pingyin. For example, "liping" is front of"李平". Otherwise they will be listed in order of pingyin and alphabet. For example, "liping" is front of "林平".

> **Searching by name**

When you search by name, if you press select key you can browse it in order of the above turn. If you press 2~9 number key, you can search name easily. The way in detail as follows :

1. When the first time you press number key, you can get the record that is near to the character that is close to this number. When the second you press the key, you can get the record that is close to second alphabet. The same applies to the other case. If the time that you press keys is bigger than the number of alphabet that is on the key, the proceeding is circulated. If the effect that you searched and the record that you need is not the same, you can press up-down select key to get progressive choice. For example, if you press "9" the first, you can get records of last name "王", and you can get records of "薛" by second searching. The third family name shall be "口", and "口","王" is for the forth and the fifth respectively.

2. If you press any key and fail to get the record which is match with alphabet, records which are close to other alphabet automatically. If all the alphabet on the key is not match, there shall be shown the last record that you searched on the screen.

5.3 Voice dialing

1. First, you should practice voice as follows :
● Press right soft key to enter phone book, and choose "Voice practice"
● Press select key to confirm the number that you want to practice, and press again left soft key to enter practice with moving your phone to ear at the same time.
● After hearing "di" sound, speak the name that you want to practice clearly. It needs to speak it a few times in general.
● After success, success message appears. The record of success appears like trumpet.
2. After practice success you can use voice dialing immediately as follows :
1ˢᵗ method
● Press right soft key to enter phone book, and choose "Voice dialing", and "Please speak a name after hearing di sound" appears on the screen.
● Move speaker to your ear, and speak clearly the name that you have practiced after hearing "Please speak a name..." and "di" sound.
● You can hear "start dialing" and see "Voice was distinguished" "Please wait".
The number shall be dialed immediately.
● In the idle mode, press "8" a few second. "Please speak a name after leading sound" appears.
● Move speaker to your ear, and speak the name that you have practiced after

hearing "Please speak a name..." and "di" sound.
- You can hear "start dialing" and see "Voice was distinguished" "Please wait".

The number shall be dialed immediately.

3. You can cancel the voice you already practiced as follows :
- Press right soft key to enter phone book, and choose "Cancel"
- Press select key to confirm the number that you want to cancel, and press left soft key again to cancel the voice.

4. You can delete one or all the voice that you have practiced as follows :
- Press right soft key to enter phone book, choose "Delete voice".
- You can delete one voice or all the voice.
- If you want to delete one voice, press select key and confirm the voice that you want to delete, and press right soft key again to delete it.

Remarks : 1. Please let the speaker closer when you hear leading sound or cancel voice.
2. In the idle mode press "8" a few second and you can use voice dialing directly.

5.4 Phone grouping

This function of phone grouping is to make some group by numbers and let them make different ring tone to recognize who the caller is and which group the caller is belong to.

1. In the idle mode, press right soft key to choose "Phone grouping".
2. This phone gives user 5 group to use.   Choose a group you want to set.
3. Different group, different ring tone. You already finished basic setting to use phone grouping.   Next step is setting phone number in the different group.
4. Search names in the phone book by name or location.
5. Choose a number and press "Operation" soft key.
6. Choose "Phone grouping" with the same way of general setting of phone number.
7. You can judge identification of caller by different ring tone when call arrives.

Remark : Some network operator add area number before the phone number when call arrives.   This is enable to affect normal use of phone grouping if there is only phone number in your phone.   Please check your situation with network operator and use this function.

5.5 Speed dialing

1. In the idle mode, you can browse directly phone book by pressing select key.   Choose one number and dial the number by pressing dial key again.
2. In the idle mode, you can search the last 10 numbers directly by pressing dial key.   Choose one and press dial key again to dial the number.

Input location number of some phone number in the phone book in the idle mode and press"#", you can see the phone number on the number, press dial key to dial the number.