USER MANUAL
ST-100

Please read it carefully before use!

Function

1. Caller ID telephone with FSK/DTMF auto-detect function.
2. Local-code and PABX code setting
3. Phone numbers can be checked, deleted, call back and redialed.
4. LCD display: date, time and week.
5. Pre-dialing numbers can be deleted and redialed.
6. LCD brightness adjustable.
7. 16 groups 8 digits incoming calls storage and 50 groups 8 digits out going calls storage.
8. 7 groups one- touch memory.
9. Ringing volume 3 levels adjustment.
10. Alarm function.
11. Two way IC Speaker Phone.

Setting

Off-hooking state, press "SET" enters setting, LCD display 'SET 1 DATE',then press "UP" or "DOWN" key to change the setting items. When you press "SET" key again, you can enter the setting item which you choosed.After finished one item setting,please press "SET" to next item

setting. Press "UP" or "DOWN" key to choose the content. Press "DEL" key to exit.

1.Date and time setting

LCD display 'SET 1 DATE' press "SET" key enter setting state, when the years digit flash, press "UP" or "DOWN" key to modify, after finished, press "SET" to month setting, the modify method is the same with year. Then press "SET" to modify date, hour and minute one by one.

2. Area code setting

Press "SET" button,and use "UP" to select,then LCD display " SET 2 CODE", press "SET" button to confirm, LCD display "CODE -----", press "SET" button to confirm ,and enter to area code setting, then 1st "-"flash, press "Up" and "Down" button to set or change to 0~9, press "SET "button to enter the second digit , etc.

3. PABX code setting

Press "SET" button,and use "UP" to select,then LCD display 'SET 3 PCODE', press "SET" enter setting, 'PCODE-' display, press "SET" key again, then 1st '-' flash,

press "UP" or "DOWN" key to choose the digit from 0~9, after finished, press "SET" key enter the second digit.

4.AUTO IP setting

Press "SET" button,and use "UP" to select,then LCD display "SET 4 AUTO IP" , press "SET" enter setting, LCD will show "AUTO IP OFF", and "OFF" flash, then press "UP" and "DOWN" key to set AUTO IP on and off. Choose "ON" key, press "SET" key confirm, and then LCD will show "INPUT CODE". Please according to different telecom company modes to input service number, card number, code. After set AUTO IP number, if pre-dialing number with "0" ahead or dial back an incoming or outgoing number "0" ahead will add IP number before telephone number automatically.

5. Alarm Clock setting

Press "SET" button,and use "UP" to select,then LCD will display "SET 5 ALERT", press "SET" to enter, LCD display "00-00 OFF", and it have only one group. You can set detail alarm clock time in the middle of 4 digits. The switch is on the right side. "ON" denotes that the alarm

clock switch is at ON state. "OFF" represent the alarm clock switch is at OFF state.

If alarm clock function set, unit will alarm for 1 minute on time. Press any key to cancel alarm clock and return to hang up mode. When pick-up the handset in the process of alarm, should hang up for one second then pick-up the handset. If pre-set alarm clock time reach,and the unit is in hook-off, ring mode, or line is busy (ringing last for 6s) etc, this alarm will be cancelled automatically.

6. Flash time setting
Press "SET" button,and use "UP" to select,then LCD display "SET 6 FLASH", press "SET" button to enter, LCD display "FLASH 4 1000", it have four groups of flash time, press "UP" or "DOWN" button to select relating flash time.

In hook on mode operation guide

1. Receiving a call
When a call comes FSK or DTMF, the unit will exam

automatically and display the caller's number , date, time, and record the sequence of this call, if in the FSK signal, it will update the month, date and time setting, but the setting for year will not change. If in the DTMF signal, it can endow the date and time which were set before to the incoming number. LCD will display the sequence of incoming call. If a call calling for the first time，LCD display "New" sign ,if the existed call comes again，LCD display " Repeat" sign. The secret call, LCD display "------P----------", the out of code, LCD shows"------0--------", the wrong number, LCD display "--------E-----------". The LCD will keep display the new incoming call number and it's time, until you pick-up the handset to start conversation or press the keypad.

2. Incoming calls review
Press "Down" to enter into reviewing mode, with "Up "or "Down" to check caller numbers, calling date and time. Press "UP" or "Down" for more than 3s,then you can speed review.
Note: if the income call numbers is more than 16 digits, then store the last 16 digits.

3.Redial function.
During review，press "Redial" button directly，or press "H-F" button or pick the handset, the number will be dialed out automatically；For long distance call, press "Redial" button twice，the number will be dialed out with "0" ahead.

4. Dialed number review
Press "OUT" button enter dialed number review mode, you can review the number you dialed recently and the time of dial. Press "OUT" button for more than 3s ,you can speed review.
Press "REDIAL","H-F" or pick up the handset, the displaying outgoing number will be dialed. It can store 32 digits. If the digit is more than LCD display scope, the unit will split display. Press "OUT" to exchange next display.

5. Pre-dial function
In hook on mode, dial the numbers you want to call. If input a wrong number, press "Del" button to amend, after input all the numbers, press "Redial" button or press "H-F" button or pick-up the handset.

6. Delete Function
In hook on and pre-dial mode, "DEL" is used to delete the wrong number you dialed. In the mode of display incoming (or dialed) numbers, "DEL" is used to delete the wrong incoming (or dialed) call record. Press "DEL" button for 3 seconds can delete all the incoming (or dialed) call records. In other mode, "DEL" is used to exit the setting.

7.One-touch memory
Store: on-hook + input telephone number + "SET" + Mi(i=1-9)on-hook /off-hook number + "SET"＋Mi(i=1-9)
Number include: incoming all numbers, outgoing all numbers and pre-dialing numbers.
Dialing: off-hook + Mi (i=1-9) or on-hook +Mi (displaying number) +"REDIAL"/"H-F"/Pick up the handset.

8. LCD brightness adjusting
In hook on mode, use "BRT" button to choose the appropriate brightness, total 5 levels for select.

9.Ring volume adjust

The unit have one ring volume switch, and it total have 3 levels (Hi/Low/Off).

In pick-up mode operation guide

1. Incoming (dialed) calls review

Pick-up the handset, press "Up"or "Down" to review the incoming calls, press "Out" to review the dialed call.

2.Conversation timing function

Off-hook mode, while dialing, the unit will automatically conversation timing, and not allowed manual conversation timing.

3.Handfree volume adjust

The handfree volume switch can adjust the volume,and it have two levels (Hi/low).

4. Mute function

In the conversation mode,press "Mute" ,then Mic will go to mute mode,and phone will play the music.The other side

only can hear the music from the phone.If you want to restore the conversation,please press "Mute" again.

5.PABX code function

After setting PABX , during the re-dialing, if the number more or just 6 digits and the first digit is different from PABX, then phone will automatically add PABX. But if re-dialing going calls, pre-dialing will not add PABX.

6. VIP function

If a call is a VIP number, during reviewing incoming and outgoing calls in hook-on mode, press "Pause/VIP" to add or cancel the present number's VIP qualification. When lock icon is lighting on LCD mean the present number is VIP.

The VIP number can not be deleted when press "Del" key during reviewing numbers, but if press "Del" for long time to delete incoming calls and out going calls, the VIP number also can be deleted.

If the memory of numbers if full, then new call incoming, it will delete the first non-VIP number in memory to add

new number. If all the numbers in the memory is VIP numbers, if add a new number, the first VIP number will be deleted.

Assembling and Special notes:

1. To ensure regular performance, place "AA" batteries into battery compartment in bottom of the unit. If LCD display gets faint, and can't be adjusted better, please change batteries.
2. Plug one end of receiver curl into the left socket in unit, the other end into socket in receiver; connect the core line into unit line socket and then plug the other end into socket of wall line。
3. Error handling: if find the unit malfunction, though power supply is sufficient, please remove batteries and line at the same time, re-install them after 10 minutes.