Communication Expert

Excelltel

PH202

User Manual

Please read this manual before using
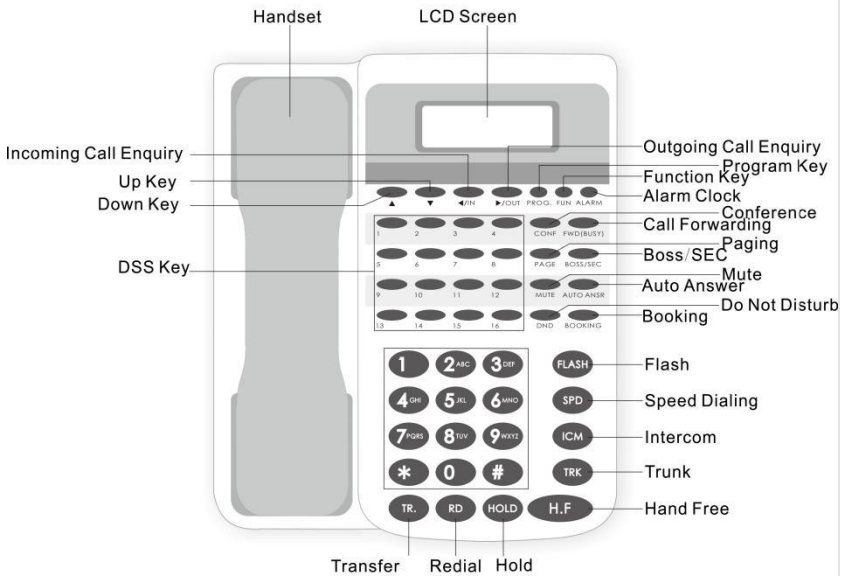
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Chap 1　Specification

1. Wring Length : The length of connecting 1 keyphone to the KTS board should be < 250m ; Connecting 2 keyphones to the same KTS board should be <150m ; Connecting 4 keyphones to the same KTS board should be <50m .

2. Working Voltage :　32±12VDC/50mA
3. Weight : 0.8kg
4. Size : 22.8mm*18.3mm*12mm

Chap 2   Panel Illustration

Handset

LCD Screen

Incoming Call Enquiry
Up Key
Down Key

DSS Key

Outgoing Call Enquiry
Program Key
Function Key
Alarm Clock
Conference
Call Forwarding
Paging
Boss/SEC
Mute
Auto Answer
Do Not Disturb
Booking

Flash
Speed Dialing
Intercom
Trunk
Hand Free

Transfer   Redial Hold

Chap 3 LCD Display

Week

Year-Month-Day

16-12-06 Mon ☼ — Day Mode

Time — 13:30 6001 — Ext.No
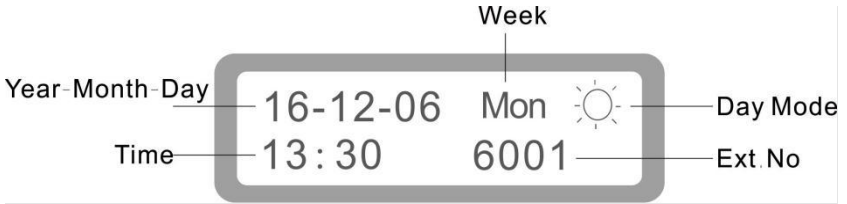
Chap 4   Shortcut key Definition

1. **DSS:** Direct Station Selection keys, PH202 with 16 DSS keys, on default, DSS1 -12 corresponding to CO line 1-12, DSS 13-16 corresponding to Ext port 1-4. On hook status, press DSS key, to call corresponding extension or access corresponding CO line.
2. **Direction key:** used to configure parameter. On hook status, the left and right arrow key are used for entering incoming/outgoing call query interface, the up arrow key is used for adjusting ring volume, the down arrow key is used for adjusting speaker volume
3. **PROG:** enter menu setting interface, including using setting, programming, DSS setting, Speed Dialing setting, press H.F key to exit menu.
4. **FUN:** fast enter operator setting, equal to the operation of off hook + #, end with H.F key
5. **ALARM:** set the alarm clock
6. **CONF:** During the call with CO line, press this key to hold this call as conference status
7. **FWD(BUSY):** when extension is busy, forward the incoming call to another extension, press this key, input extension number, prompt "operation succeed", meanwhile the indicator is on. Press again this key, input #, to cancel this setting.
8. **PAGE:** press this key + (0, broadcast by extension / 8, call all extension)
9. **BOSS/SEC:** auto forward the incoming call to another extension
10. **MUTE:** press this key, the microphone of key phone is closed, the light of keys is on, press again, cancel MUTE function, the light is off.
11. **AUTO ANSR:** press this key, when any call is coming, system will auto answer in speaker, press again, to cancel this function.
12. **DND:** press this key, the extension is in Do Not Disturb status, press again, to cancel this function.
13. **BOOKING:** press this key, equal to press #0, when booking is succeed, key light is on, after booking is performed, key light is off.
14. **Flash:** used in call switch for the call with CO line. Equal to flash the hook and dial #8 during the conversation with CO line .

15. SPD: on hook status, press this key, and input speed dialing group number, to make speed dialing function. Off hook status, press this key, input system speed dialing group number, to make peed dialing function.

16. ICM: press this key, system is in intercom status, the light is on

16. TRK: press this key, system is in CO line access status, the light is on, equal to off hook + 9

17. TR.: press this key, and input another extension number, to transfer the call to another extension.

18. HOLD: during the call with C.O line, press this key, to hold the current call, after finish the call with another C.O line, press corresponding DSS key, to continue with previous call

19. RD: off hook, press this key, system will auto call the last dialed number. You can select incoming/outgoing call records to press redial.

Chap 5   Installation

Using four wires cable to connect key phone with 8 port KTS card ports of TP256 directly.One RJ45 port can connect with 2 key phone .
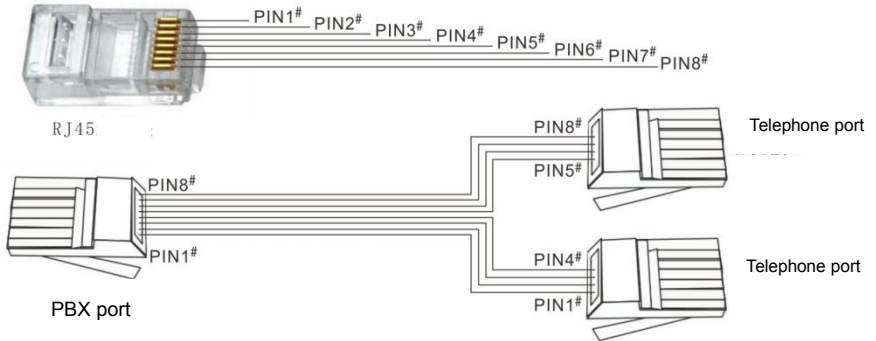

When user need to lengthen the cable or make a 4 wire cable by himself, he should be attention to the sequence of cable: the two wires on middle are signal line . Pin1 and pin4 are data line.If wrong connection, the key phone will not work. Furthermore make sure good contact and correct line sequence when make the RJ11 crystal connector.

Chap 6　Using Guide

1) Intercom Call :

① off hook + Ext.No + talking
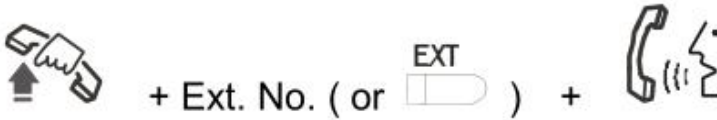
② dial DSS key directly

③ dial ICM key + Ext.No + talking

2) Outgoing Call

① off hook+ CO. DSS key + external number + talking

② dial DSS key directly

③ dial TRK key + external number + talking

3) Redial

① Incoming call redial : press **RD** + talking

② Press **◀/IN** + **▲** or **▼** to query the incoming

　　number + **RD** +talking

③ Outgoing call redial

Press ▶/OUT + ▲ or ▼ to query the outgoing call

number + RD +talking

4) Speed Dial

①Press SPD +the group number of speed dialing stored on key phone(01-32)

②off hook + Press SPD +the group number of speed dialing stored on the PBX (01-96)

5) Call Transfer

When talking with CO line or Extension + TR. + Ext.No or DSS key + on hook

6) Call Hold

During the conversation and dial HOLD key to hold the conversation.Then key phone can enter intercom call status .

When hold the call from CO line , the CO LED will slow-flash .And when hold the call from intercom, if key phone don't hang up , the light of ICM key will be on .

7) Restore the holding call

Restore the holing call from CO.line : press the certain CO line key or

press HOLD

Restore the holding call from extension : press HOLD directly

8) Multi-party Conference

During the conversation with CO line ,after press the [CONF] key ,system will enter in conference status.

9) Function Key

[FUN] + programming code

Function key means your dial *# . It works for the programming code without enter programming status .

Eg. Setting the system time to 12:30:20 am

[FUN] +01 (time setting code) +123030(time)

10) Alarm Clock Setting

[ALARM] + time

11) Call Forwarding

When Ext is busy or no answer :[FWD(BUSY)]+ Ext.number

Cancel : [FWD(BUSY)]+ #

Noted : Press this key, and dial the Extension number , it will display " operation OK",and the LED will be on . After cancel it , the LED will be off .

12) Boss/Secretary

Forward the call to Ext.N directly : [BOSS/SEC] + Ext.number

Cancel : BOSS/SEC + #

Note: press this key, and input an extension number, will display "operation OK",and the LED will be on . After cancel it, the LED will be off.

13) DND Key

DND(Do not Disturb) : After press this key DND ,it will enter DND status . If press again, it will cancel .

14) Paging

External Broadcast : PAGE +0 (equal to #86)

Monitor CO line: PAGE +1+ CO line port (equal to #71+CO line port)

Monitor extension : PAGE +2+extensions number (equal to #72+extension number)

Notes : If you want to monitor the intercom and external line from key phone, you need to set the key phone as operator .

Key phone Broadcast : PAGE +3(all key phone will ring

together and auto answer)

Emergency broadcast: PAGE +8 (all extension will ring

together and all key phone will auto answer)

15) Auto Answer

Auto Answer : AUTO ANSR the LED will be on

Cancel : **AUTO ANSR** the LED will be off

16) Mute Key

Mute : **MUTE** the LED will be on

Cancel: **MUTE** the LED will be off

17) Call Booking

Call Booking : **BOOKING** the LED will be on

Cancel : **BOOKING** the LED will be off

Chap 7　Using Setting

Pressing PROG. one time, then system will enter USING SETTING status. LCD shows as follow ：

User Set
Language

1）You can press the key ▲ or ▼ to select the items .Like "Language", "Backlight Setting", "Ext Ring", "CO.Ring", "Doorphone Ring", "Alarm Ring", "System Query " , " Reset Keyphone" etc.

2）You can press the key ◄/IN or ►/OUT to set the selected item.
Eg.: when you select " Language ", you can select English ,Italiano,Turkish,中文.After finish, press HOLD to save .

3）Press H.F one time ,will back to the current status . And press H.F twice , will back to home page.

Take an example for how to set the 16 DSS keys corresponding to CO line

◆ Step 1: Press PROG. one time and enter setting status .

> **User Set**
> **Language**

◆ Step 2: Press ▼ 7 times or press ▲ one time .Show as below:

> **User Set**
> **Reset Keyphone**

◆ Step 3：Press ▶/OUT one time. Show as below :

> **Reset Keyphone**
> **01**

Input 16 and press HOLD , then you will hear beep and it means save successfully .

The Option of User Setting and its suboption as below:

1）Language

   Option:中文 / English / Italiano /TURKISH

2）Backlight Setting

   Option : Auto / On / Off

3）Ext Ring

   Option : 01 to 16

4）CO. Ring

Option : 01 to 16

5）Doorphone Ring

Option : 01 to 16

6）Alarm Ring

Option : 01 to 16

7）System Query

You can see the version number and outgoing mode

8）Reset Keyphone

Option : 00 to 32 (CO.Line)

Chap 8   DSS Setting

Take an example for how to set DSS12 to Ext. Port 008

◆ Step 1 : Press PROG. three times and enter DSS status . Show as below

```
DSS
001   TRU   01
```

Remark :

001, it means the number of the DSS button (001 means it is the first DSS button) . TRU means it was set for CO line (It has two options , TRU and EXT .

You can use ▲ or ▲ to select it .) 01 ,means it is the port number of CO line and Extension (and it means the first CO line port). All that means it is the first DSS button corresponding to the first CO line port

◆ Step 1 : Pressing the key ◀/IN or ▶/OUT to select the number of DSS and input 012 Or dial the No.12 DSS on the keyphone .

```
DSS
012   TRU   012
```

◆ Step 3 :Press ▶/OUT and go the second part TRU . You can use

▼ or ▲ to select to EXT . Show as below

```
DSS
012   EXT   012
```

◆ Step 4:Press ▶/OUT to go to the third part 001 and input 008 on the keyphone . Show as below.

```
DSS
012   EXT   008
```

◆ Press HOLD to save and will hear beep tone .

◆Press H.F to back to the home page.

Chap 9   Speed Dialing

Press PROG. 4 times , and show as below .

```
Speed Dial          01


```

Press ▼ or ▲ to select the group number of speed dialing . It is range from 01 to 32 . Or it can dial the two digit group number .

After selecting the group number , then press ▶/OUT to input the number you want.

Take an example for how to set the number 008618923238930 to group No.20 of speed dialing

◆ Step 1 : press PROG. four times to enter speed dial status .

```
Speed Dial          01


```

◆ Step 2 : Press ▼ or ▲ to set the number to 20 . Or input 20 directly .

```
Speed Dial          20


```

◆ Step 3 : Press ◀/IN or ▶/OUT to enter input status and input the number directly "008618923238930"

```
Speed Dial        20
        008618923238930
```

◆ Step 4 : Press **HOLD** to save

◆ Step 5 : Press **H.F** to back to home page.

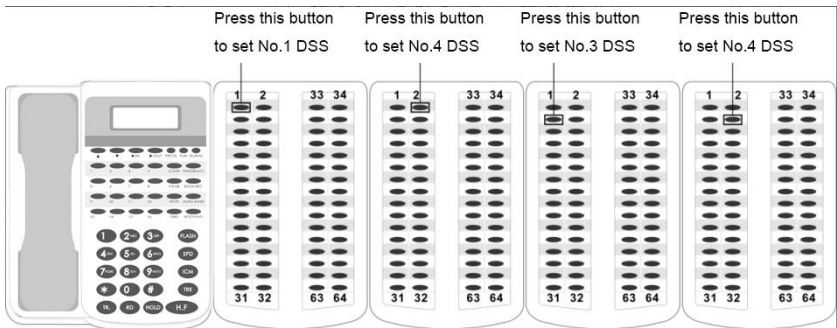## Chap 10　How to set multiple DSS to connect with keyphone

1） Setting a DSS to No.2 DSS . Programming as below

①Connected the keyphone and PBX

②Always-press the second button of No.DSS

③At the same time ,remove the cable between No.1 DSS and keyphone and connect again .

④Don't loosen the second,until the first and second green LED of No.2 DSS light .

⑤Re-connected the PBX and keyphone again .When the first and second green LED of No.2 DSS light together , that means it is the No.2 DSS
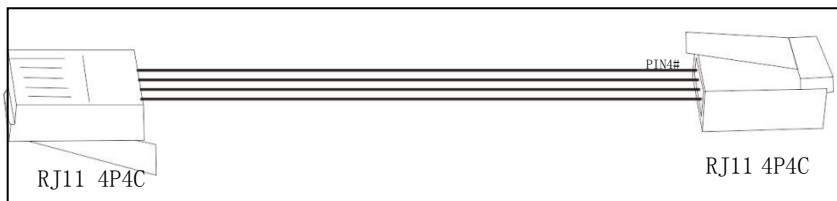
2)If you want to No.3 and No.4 DSS , repeat the last step . But when setting No.3 DSS , you should always-press the third button . And when setting No.4 DSS, you should always-press the forth button .

3)How to distinguish the DSS number .

When connected the PBX and keyphone , if the DSS is No.1 DSS , the first button will light . If it is No.2 DSS , the first and second button will light together . If it is No.3 DSS , the first , second and third button will light together . If it is No.4 DSS , the first , second , third and forth button will light together .

Chap 11   Connection for DSS

PIN4#

RJ11 4P4C

RJ11 4P4C