

CONTENTS

1.INTRODUCTION	1
2.INSTALLATION	1
3.TECHNICAL PARAMETER	2
4.PANELDIA GRAM	3
5.OPERATION	11

I. INTRODUCTION

WS824 digital key phones produced by our company is a series of digital key phone, which inherit all the good points of the traditional key phone. According to the market needs, we make some bold innovations in the design and the functions not only in the technology and in the outlook which give a new and strong point for selling, include: circular key, exquisitely designed internal structure and outside appearance. It fully show the superiority, excellent quality and the super powerful function. The LCD display adopt STN module, 2-row Chinese and English display. WS824 digital key phones have the following features: display clearly, high definition, expanded clearly, conveniently to be used, English-Chinese 2-row display, and graceful outlook design. The group phone connected with WS key phone can realize its functions by pressing one key, such as: call transfer, telephone conference, page, and so on.

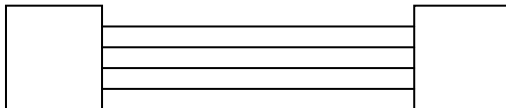
II. INSTALLATION

1. Key Phone installation

Key Phone to the hybrid port in the mainframe. If the line is too short for your environment, you can select a longer line by yourself. Be sure that the wire order in the line must be correct, otherwise the phone will not work.

2. Wire order at the crystal head

1. Yellow
2. Green
3. Red
4. Black

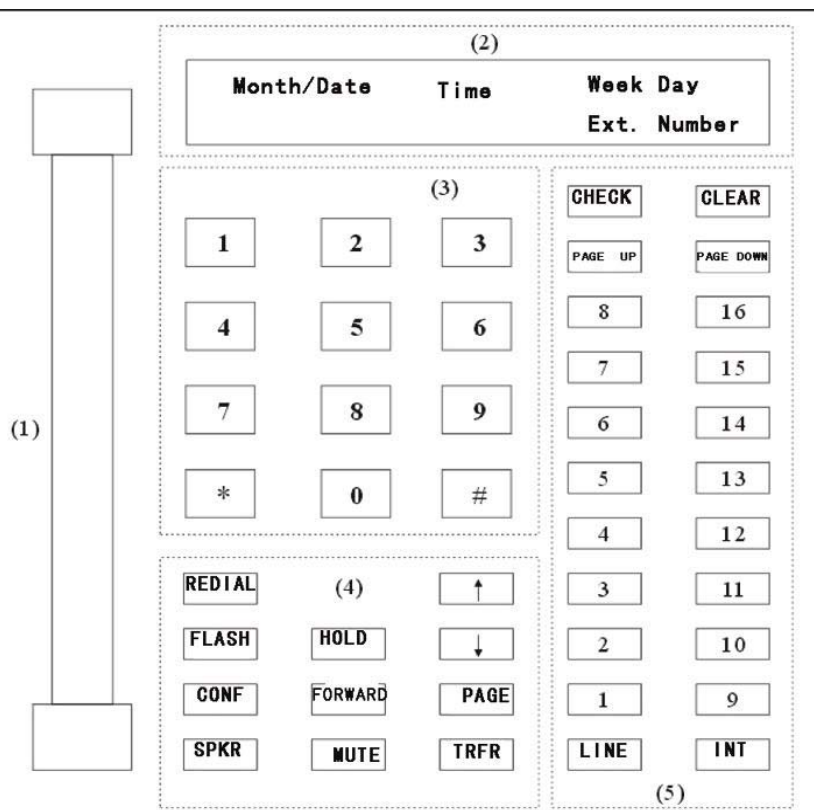


1. Yellow
2. Green
3. Red
4. Black

III. TECHNICAL PARAMETER

1. Cable Length: less than 100 meters.(2 pairs twisted wire,0.5 @, resistor $< 30\Omega$).
2. Voltage : $32\pm 12V$ DC / 50mA.
3. Environment Humidity: 10% ~ 95%.

IV.PANEL DIAGRAM



WS824-2\WS824-2C

(1)Handset;

(2)LCD WS824-2 screen with two-row display(WS824-2,on-row display) and 16 digits, including Date and time, incoming call ID,

conversation time, program content, call information, charge display and extension number;

(3) Dial Panel;

(4) Special Function Key;

“**REDIAL**” __ for the last number redialing;

“**FLASH**” __ for Co. Line flash;

“**CONF**” __ used when phone meeting required;

“**SPKR**” __ For making a conversation on hook off.(WS824-2C don't have the key to make conversation without picking up the hand set.);

“**HOLD**” __ for Co. Line holding;

“**FORWARD**” __ used for do not disturb and forwarding;

“**MUTE**”—For muting the calling party during conversation;

“**↑**” - Increase the volume of hand free, handset, and ringing;

“**↓**” __ Decrease the volume of hand free, handset, and ringing;

“**PAGE**” __ For internal and loudspeaker paging. (No the function in WS824(3) and (10));

“**TRFR**” __ used for the Co. line and internal conversation transferring;

(5) Other function keys and Co. line keys;

“**CHECK**” __ for status checking and system programming usage;

“**CLEAR** “ – for clearing the content of checking and programming.

Also for exiting from the checking or programming status;

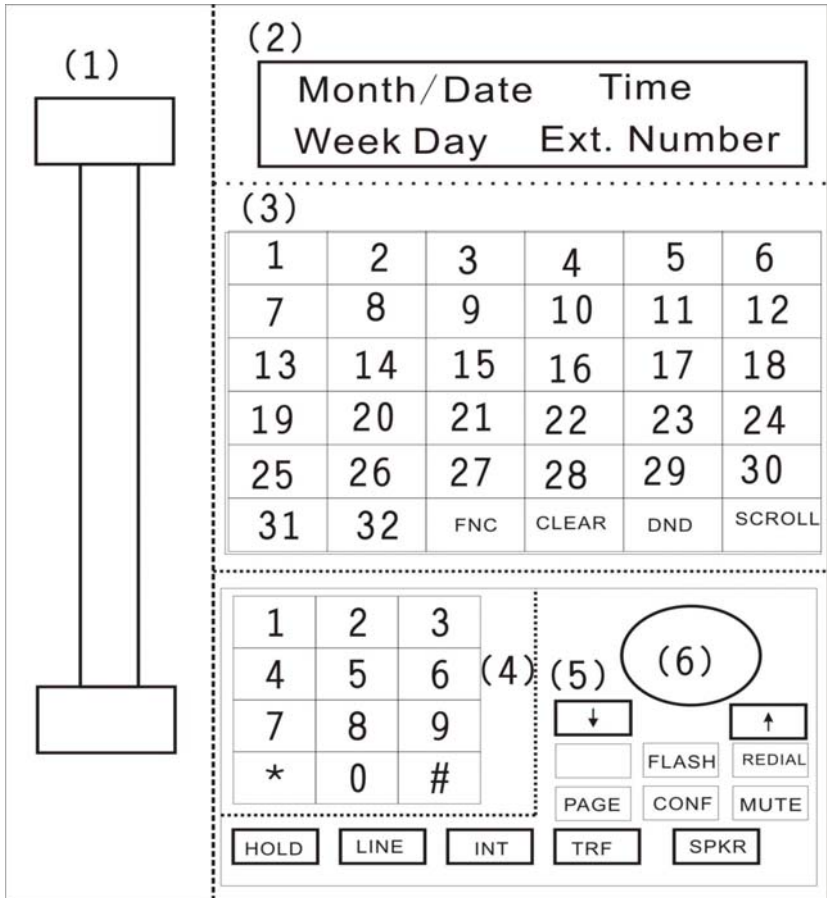
“**PAGE UP**”- for forwarding to check incoming call number;

“**PAGE DOWN**”- for back warding to check incoming call number;

“**INT**”- for internal calling;

“**LINE**” – for fetch a free Co. line;

1-16 keys- default as Co. line keys, can also be programmed as extension keys and function keys;



WS824-3

- (1) Handset;
- (2) LCD WS824-3 screen with two-row display and 16 digits, including: Date and time, incoming call ID, conversation time, program content, call information, charge display and extension number;
- (3) Other function keys and programming keys;

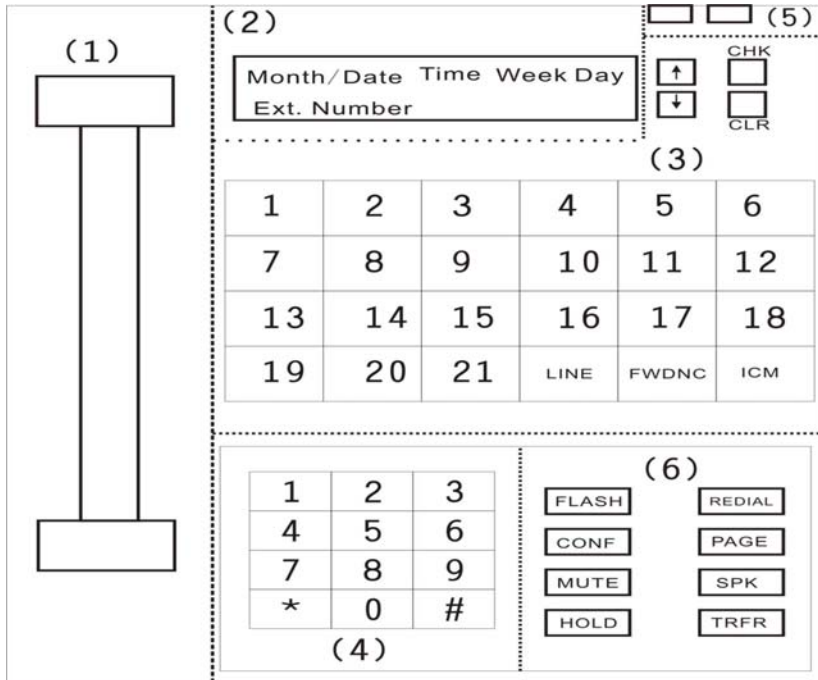
“1”—“30” __ programming keys, ,can also be programmed as extension keys and function keys;
“31” __ PAGE UP”- for forwarding to check incoming call number;
“32” __ “PAGE DOWN”- for back warding to check incoming call number;
“FNC” __ for status checking and system programming usage;
“CLEAR “ __ for clearing the content of checking and programming.
Also for exiting from the checking or programming status;
“DND” __ used for do not disturb and forwarding;
“SCROLL” __ The switch of the DSS;

(4) Dial Panel;

(5) Special Function Key:

“HOLD” __ for Co. Line holding.
“LINE ”– for fetch a free Co. line.
“INT”- for internal calling
“TRF” __ used for the Co. line and internal conversation transferring
“SPKR” __ For making a conversation on hook off.
“PAGE” __ For internal and loudspeaker paging. (No the function in WS824(3) and (10))
“CONF” __ used when phone meeting required.
“MUTE”—For muting the calling party during conversation.
“FLASH” __ for Co. Line flash.
“REDIAL” __ for the last number redialing
“↑ ” - Increase the volume of hand free, handset, and ringing.
“ ↓ ” __ Decrease the volume of hand free, handset, and ringing.

(6)The adjustment of the brightness of the LCD display;



WS824-520C/520E

(1)Handset;

(2)LCD WS824-520C screen with two-row display (WS824-520E on-row display) and 16 digits, including: Date and time, incoming call ID, conversation time, program content, call information, charge display and extension number;

(3) Other function keys and programming keys;

“1”—“21” __ programming keys , can also be programmed as extension keys and function keys;

“↑” __ Increase the volume of hand free, handset, and ringing;

“PAGE UP”- for forwarding to check incoming call number.

“↓” __ Decrease the volume of hand free, handset, and ringing.

__ **“PAGE DOWN”**- for back warding to check incoming call number.

“CHK “__ for status checking and system programming usage.

“CLR “__ for clearing the content of checking and programming.

Also for exiting from the

“LINE ”- for fetch a free Co. line.

“FWDNC” __ used for do not disturb and forwarding .

“ICM”- for internal calling

(4) Dial Panel.

(5) CID indication light;

(6) Special Function Key

“HOLD” __ for Co. Line holding.

“TRFR” __ used for the Co. line and internal conversation
transferring

“MUTE”—For muting the calling party during conversation.

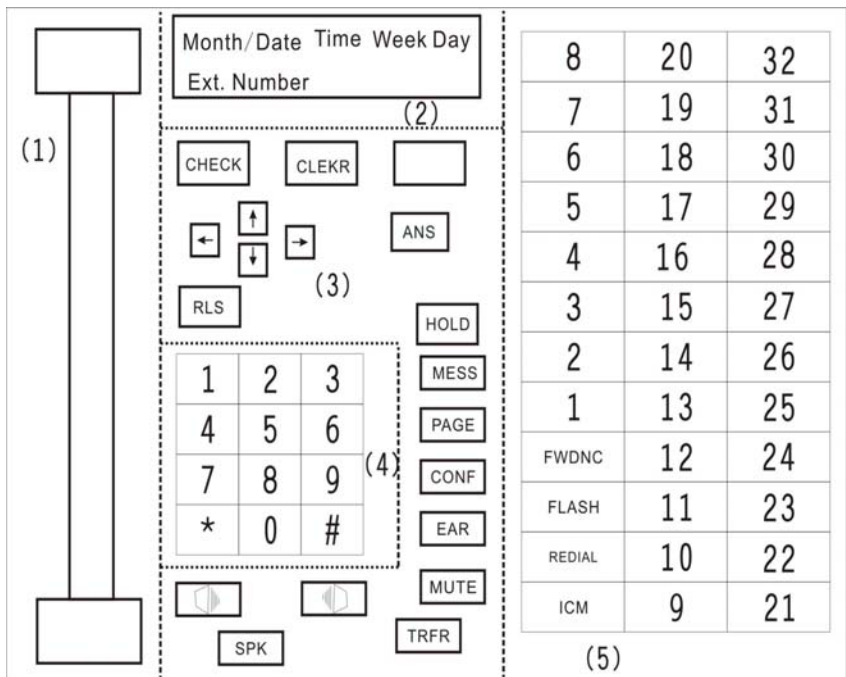
“SPK” __ For making a conversation on hook off.(WS824-520C
don't have the key to make conversation without picking
up the hand set.)

“CONF” __ used when phone meeting required.

“PAGE” __ For internal and loudspeaker paging. (No the function in
WS824(3) and (10))

“FLASH” __ for Co. Line flash.

“REDIAL” __ for the last number redialing



WS824-510C

(1)Handset;

(2)LCD WS824-510C screen with two-row display and 16 digits, including; Date and time, incoming call ID, conversation time, program content, call information, charge display and extension number;

(3) Special Function Key;

“CHECK “__ for status checking and system programming usage;

“CLEKR “__ for clearing the content of checking and programming;

Also for exiting from the

“ ↑ ” __ “PAGE UP”- for forwarding to check incoming call number;

“↓” __ **“PAGE DOWN”**- for back warding to check incoming call number;

“**ANS**” __ Answer the phone in the mode of earphone;

“**RLS**” __ Hook on, speak when hook off;

“**HOLD**” __ for Co. Line holding.

“**PAGE**” __ For internal and loudspeaker paging.

“**CONF**” __ used when phone meeting required.

“**EAR**” __ Switch to earphone mode;

“**MUTE**” __ For muting the calling party during conversation.

“**SPK**” __ For making a conversation on hook off

“**TRFR**” __ used for the Co. line and internal conversation transferring



__ Decrease the volume of hand free, handset, and ringing.



__ Increase the volume of hand free, handset, and ringing.

(4) Dial Panel.

(5) Other function keys and programming keys:

“**1**” — “**32**” __ programming keys, can also be programmed as extension keys and function keys;

“**FWDND**” __ used for do not disturb and forwarding .

“**FLASH**” __ for Co. Line flash.

“**REDIAL**” __ for the last number redialing

“**ICM**” - for internal calling

V.OPERATION

5-1 Program by key

Set the DSS key to be CO. line key:

*In the status of displaying the date and time, press **CHECK** key 2 times to enter the key program status.

*Press the key needed, and then press “1”.

*Input two digit CO line NO.

*Press **HOLD** key, and then **CLEAR** key to exit.

Set DSS key to be the key of the extension:

*In the status of displaying the date and time, press **CHECK** key 2 times to enter the key program status.

*Press the key needed, and then press “2”.

*Input the port NO. of the specific extension.

*Press **HOLD** key, and then **CLEAR** key to exit.

Check the definition of the DSS key:

*In the status of displaying the date and time, press **CHECK** key 1 times and then press the specific key.

5.3 Function Introduction

Making an outside call

- Hooking off- hearing dialing tone- press”9”–press outside line number.
- Hooking off- hearing dialing tone–press outside line number
- Hooking off- hearing dialing tone-press CO Line DSS key –press outside line number.
- Hooking off- hearing dialing tone- –press “Line” key - press outside line number.

Call Transfer

Can transfer an incoming call_ when ringing at one extension, hooking off and making a conversation, then dial purpose extension number or press “**TRF**” key and press purpose extension number;

Page

Hearing dialing tone – press “**PAGE**” key- paging;

Volume Adjustment

Volume of speaker,handle and ringing can be adjusted.

Checking Incoming Call Number

Caller ID function of Group Phone System operating and CO Line must be allowed. 50 groups incoming number can be saved at Key Phone. In hooking on status at one key phone, pressing “PAGE UP” and “PAGE DOWN” key, users can check incoming call numbers and relative information. And press “ MUTE” key to clear all of incoming call record.

Installation of WS824-3/2 console

If there is need to connect the console to the WS824-3/2, you should connect the console with the key phone at COM 1 or COM 2 with 2-head connecting line and then fix the console and key phone with connecting rail. Please be aware of the direction of the connecting line. If there is only one console, please insert it at COM 1.

Shenzhen Cesller Technology Co.,Ltd.
Tel:+86-755-3396-6780
Fax:+86-755-3396-6780
E_mail:scb@cesller.com.cn
Web:Http://www.cesller.com.cn
VER:V1.0



Key phone Installation Guide

- WS824-(2C)
- WS824-(2)
- WS824-(3)
- WS824-520C
- WS824-520E
- WS824-510C

[Http://www.cesller.com.cn](http://www.cesller.com.cn)