

# About This Guide

This Expansion Module EXP39 has a 4.5-inch LCD, the resolution is 320\*160pi. It has 20 hard key, and you can set up switch function to set 38 programmable keys which are able to set up to 28 functions per key. And you can daisy-chain 6 modules for 228 programmable keys. It applies to IP Phone SIP-T28P and SIP-T26P, expansion module( $\leq 2$ ) is power by the host phone, but the EXP39 does not support plug and play. It also has dual color(red or green) LEDs for line status information.

This Expansion Module EXP39 is designed for connection of the Enterprise IP Phone T28P/T26P VoIP phone. In the following sections, we will take T28P to make a brief description.

## Declaration of Conformity



Hereby, it's declared that this phone is in conformity with the essential requirements and other relevant provisions of the CE, FCC.

## CE Mark Warning

This is a class B device, in a domestic environment; this product may cause radio interference, in which case the user may be required to take adequate measures.

## WEEE Warning



To avoid the potential effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment, end users of electrical and electronic equipment should understand the meaning of the crossed-out wheeled bin symbol. Do not dispose of WEEE as unsorted municipal waste and have to collect such WEEE separately.

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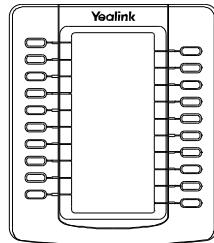
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# Getting Started

## Packing List

The following components are included in your package:

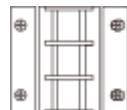
- Expansion Module



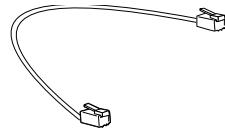
- Stand



- Connecting sheet



- Connecting cord



- Spiral shell



Check this list before installation to ensure that you have received each item. If you are missing any items, contact your IP phone reseller.

# Connection

Please refer to the following sections to install the EXP39.

Before the installation, please unplug the power connector and the phone stand from the enterprise IP phone T28P. Then place the telephone and the expansion module upside down on a soft surface so that you can read nameplates from the front. The expansion module must be placed to the left of the telephone.

## Connect to the Phone

Use the connecting sheet and screw to connect the EXP39 to the IP phone. Shown as:

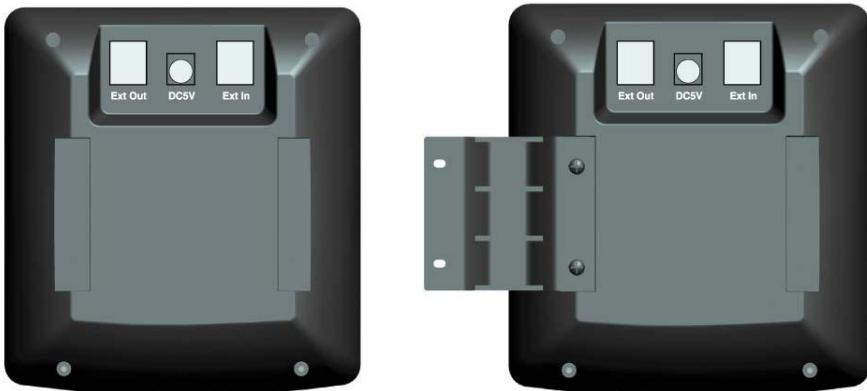


Your phone and the expansion module will be connected as the following picture shows:



## Connect to the next module

Follow the same step to connect the next expansion module:



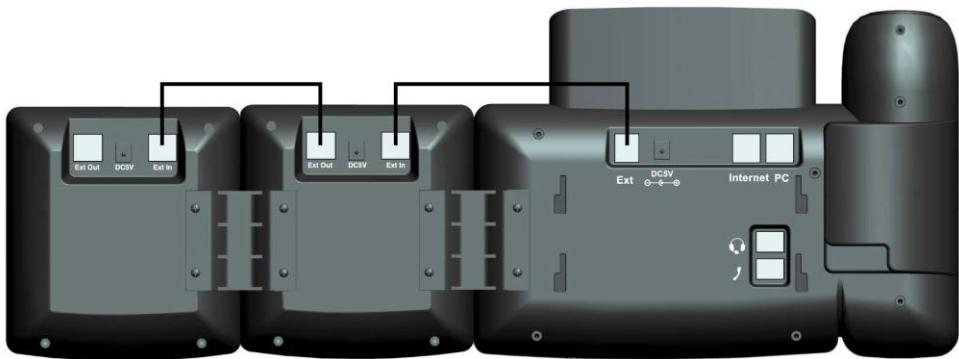
After the installation, it will be shown as:

**Note:**

Our IP phone T28P can support six expansion modules at most. But if you use more than three expansion modules, you need to connect an additional power adapter to anyone of the expansion modules.

## Connect the cords

Plug the connecting cord into the Ext jack of the IP phone, the next port to the Ext in jack of the first module; If you want to connect more than one module, then go on to plug another cord into the Ext out jack, and the other port to the Ext in jack of the second module. Shown as the following picture:

**Note:**

Users can connect six modules at most. Connect the Ext in port of the previous module and the Ext out port of the next module with a connecting cord will be ok.

Then attach the stand and the power adapter, connect handset and headset to use.

# Configuration

The expansion module EXP39 has 38 programmable keys which are able to set up to 28 functions per key and it has a large LCD. You can use the web interface or the IP phone user interface to configure key functions. Pressing the special key of the EXP39 you want to set for about 5 seconds, the IP phone will turn to the user setting interface of this key, then you can make desired configuration to this key by the IP phone interface. In the following sections, we will make detail description of setting by the web interface.

The following list shows the functions you can set on the programmable keys and provides a description for each function. The default configuration for each key is N/A which means the key hasn't been set for any functions.

- N/A
- Switch
- Conference
- Forward
- Transfer
- Hold
- DND
- Redial
- Call Return
- SMS
- Pick Up
- Call Park
- DTMF
- Voice Mail
- Speed Dial
- Intercom
- Line
- BLF
- URL
- Group Listening
- Public Hold
- Private Hold
- Share Line
- XML PhoneBook
- Group Pickup
- Paging
- Record
- XML Browser

- Hot Desking
- URL Record

**Note:**

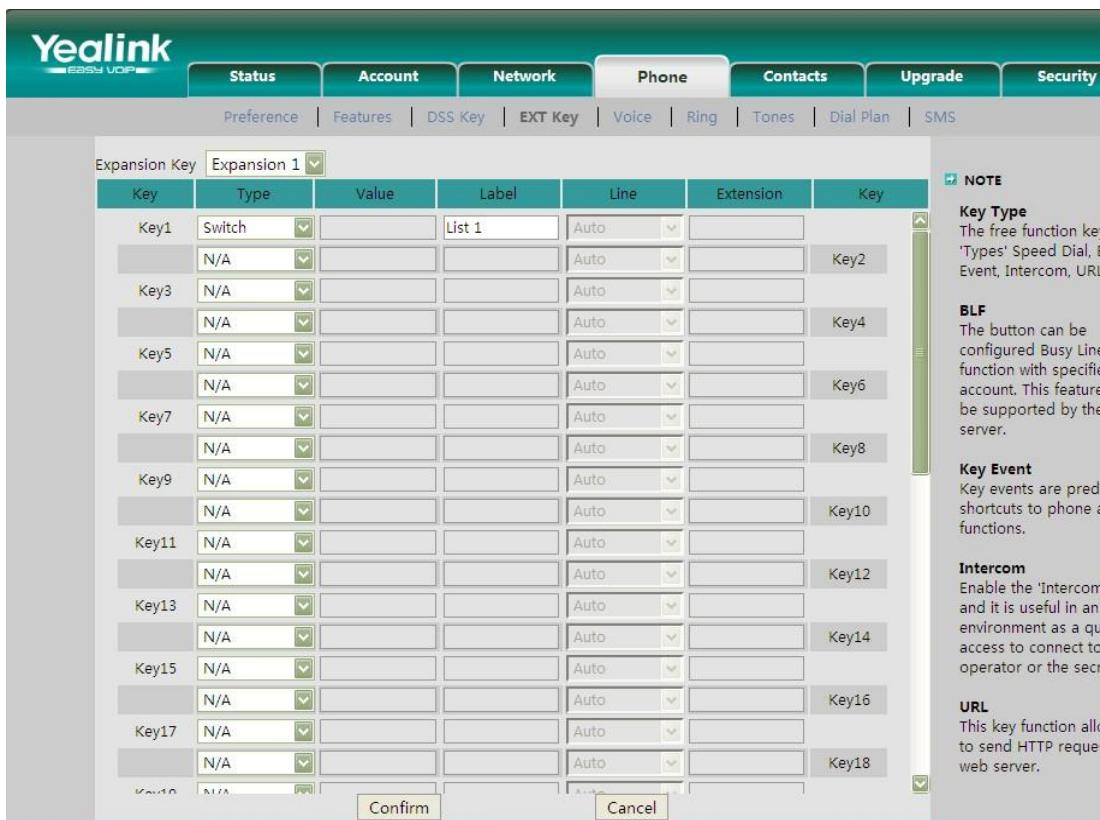
Quick access features like Intercom and Voicemail must first be configured on your PBX in order to work on your phone. See your system administrator for more information.

## Switch

If you set key1 as Switch(default label is List1), you can enjoy the function of switch, and the EXP39 can offer you 38 DSS key, and also you should set key21 as Switch(default label is List2).

If you set key1 as other function, and EXP39 can only use the 20 DSS key.

To assign the key as Switch:



- 1) Choose Phone->EXT Key, choose key1, there is a pull-down menu in the Type field, choose Switch from the list.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, it will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The Switch default display is List1.
- 6) And the key21 only has Switch function, the Switch default display is List2.

## Conference

You are allowed to configure the programmable key to be used as a conference key. This key allows a user on a call to conference another party at a pre-defined number while remaining in the current call.

To assign the key as Conference:

Key	Type	Value	Label	Line	Extension	Key
Key1	Conference			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	328		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	666		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A			Auto		Key16
Key17	N/A	328		Auto	*87	

**NOTE**

**Key Type**  
The free function key 'Types' Speed Dial, BLF, Key Event, Intercom, URL.

**BLF**  
The button can be configured Busy Line Field function with specified account. This feature must be supported by the sip server.

**Key Event**  
Key events are predefined shortcuts to phone and call functions.

**Intercom**  
Enable the 'Intercom' mode and it is useful in an office environment as a quick access to connect to the operator or the secretary.

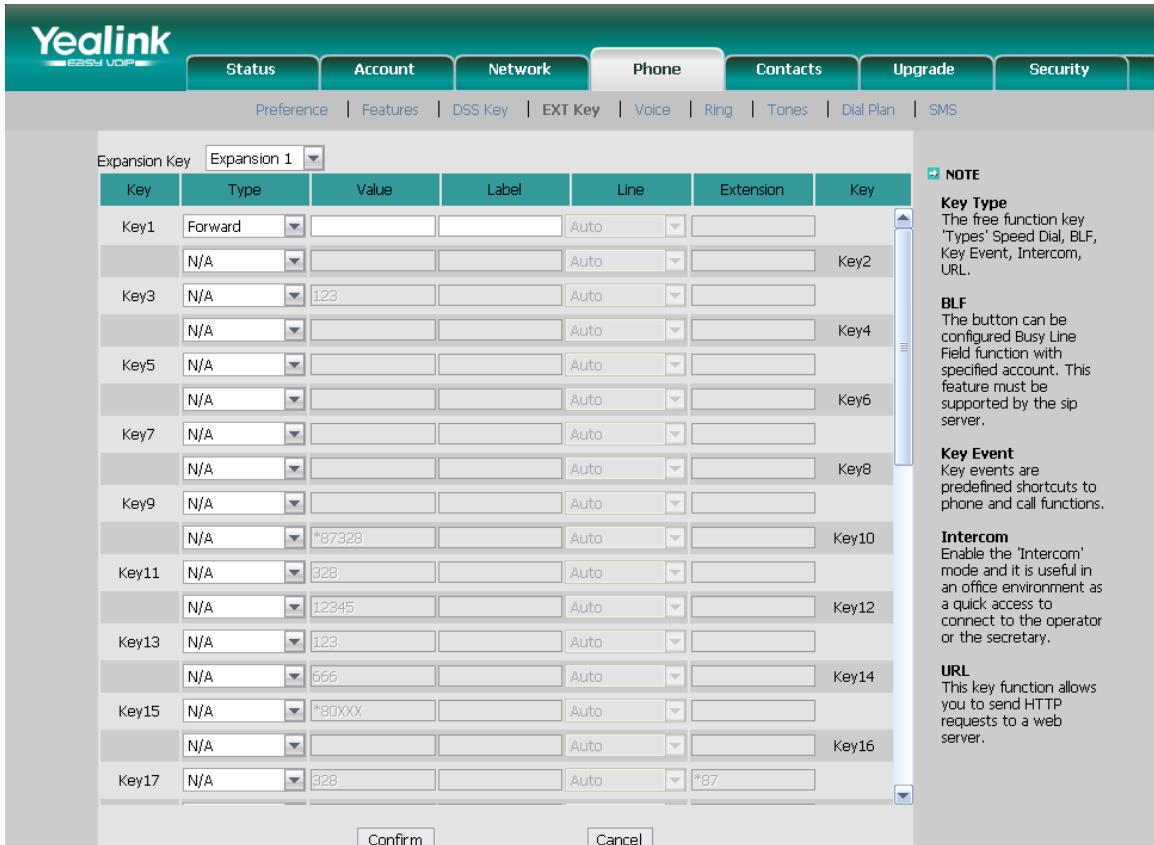
**URL**  
This key function allows you to send HTTP requests to a web server.

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Conference from the list.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The Conference default display is "CONF".

## Forward

If the key is configured as Forward key, press this key under the idle status, then when there is any call to the extension number will be forwarded to the number automatically.

To assign the key as Forward:



- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Forward from the list, and enter the number you want to forward in the value field.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The Forward default display is "FWD".

## Transfer

You are able to configure the key as a transfer key to perform the Blind/Semi-Attend Tran/Attended Transfer.

To assign the key as Transfer:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. Below the navigation bar, there are sub-tabs: Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The main content area is titled "Expansion Key" and "Expansion 1". It displays a table with columns: Key, Type, Value, Label, Line, Extension, and Key. The table contains 17 rows, each representing a key assignment. Row 1 (Key1) has "Transfer" selected in the Type dropdown and "Auto" in the Line dropdown. Row 2 (Key2) has "N/A" in the Type dropdown and "Auto" in the Line dropdown. Rows 3 through 17 (Key3 to Key17) all have "N/A" in the Type dropdown and "Auto" in the Line dropdown. To the right of the table, there is a "NOTE" section with several entries: "Key Type" (describing free function keys like Speed Dial, BLF, Key Event, Intercom, URL), "BLF" (describing Busy Line Field), "Key Event" (describing predefined shortcuts), "Intercom" (describing Intercom mode), and "URL" (describing key functions for sending HTTP requests). At the bottom of the table are "Confirm" and "Cancel" buttons.

Key	Type	Value	Label	Line	Extension	Key
Key1	Transfer			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key5
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	828		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	666		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A			Auto		Key16
Key17	N/A	828		Auto	*87	

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Transfer from the list.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The Transfer default display is "TRAN".

## Hold

The key can be configured as a hold key. You can use this key to hold and retrieve a call during the conversation.

To assign the key as Hold:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. Below the navigation bar is a sub-menu with links for Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The main content area is titled "Expansion Key" and shows a table for "Expansion 1". The table has columns for Key, Type, Value, Label, Line, Extension, and Key. There are 17 rows labeled Key1 through Key17. The "Type" column dropdown menu is open for Key1, showing options like Hold, N/A, and URL. The "Label" column contains various names such as Auto, Key2, Key4, Key6, Key8, Key10, Key12, Key14, Key16, and \*87. The "Line" and "Extension" columns show dropdown menus for selecting a line and extension. The "Value" column contains numbers like 123, 328, 12345, 666, and \*80XXX. The "Key" column contains labels like Key2, Key4, Key6, Key8, Key10, Key12, Key14, Key16, and \*87. To the right of the table is a "NOTE" section with several entries: "Key Type" (describing free function keys), "BLF" (Busy Line Field), "Key Event" (predefined shortcuts), "Intercom" (quick access to operator or secretary), and "URL" (HTTP requests to web server). At the bottom of the table are "Confirm" and "Cancel" buttons.

Key	Type	Value	Label	Line	Extension	Key
Key1	Hold			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		Key4
	N/A			Auto		
Key5	N/A			Auto		Key6
	N/A			Auto		
Key7	N/A			Auto		Key8
	N/A			Auto		
Key9	N/A			Auto		Key10
	N/A	*87328		Auto		
Key11	N/A	328		Auto		Key12
	N/A	12345		Auto		
Key13	N/A	123		Auto		Key14
	N/A	666		Auto		
Key15	N/A	*80XXX		Auto		Key16
	N/A			Auto		
Key17	N/A	328		Auto	*	87

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Hold from the list.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The Hold default display is "Hold".

## DND

If the key is configured as DND key, you are allowed to active the DND function immediately when you press it. Press it again to deactivate DND mode.

To assign the key as DND:

**NOTE**

**Key Type**  
The free function key 'Types' Speed Dial, BLF, Key Event, Intercom, URL.

**BLF**  
The button can be configured Busy Line Field function with specified account. This feature must be supported by the sip server.

**Key Event**  
Key events are predefined shortcuts to phone and call functions.

**Intercom**  
Enable the 'Intercom' mode and it is useful in an office environment as a quick access to connect to the operator or the secretary.

**URL**  
This key function allows you to send HTTP requests to a web server.

Key	Type	Value	Label	Line	Extension	Key
Key1	DND			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	328		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	666		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A	328		Auto		Key16
Key17	N/A			Auto		*87

Confirm Cancel

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose DND from the list.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The DND default display is "DND".

## Redial

If the key is configured as Redial key, press this key under the idle status, it will fetch the last dialed number, then you can choose a special line to call out by pressing the line keys.

To assign the key as Redial:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. The Phone tab is selected. Below the tabs is a sub-navigation bar with links to Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The main content area is titled 'Expansion Key' and shows a table for 'Expansion 1'. The table has columns for Key, Type, Value, Label, Line, Extension, and Key. Rows represent keys from Key1 to Key17. Key1 is set to 'Redial'. Other keys have 'N/A' in the Type field and 'Auto' in the Label field. The 'Key' column lists the assigned physical keys on the phone's LCD. A vertical sidebar on the right contains a 'NOTE' section with definitions for Key Type, BLF, Key Event, Intercom, and URL.

Key	Type	Value	Label	Line	Extension	Key
Key1	Redial			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A	*87328		Auto		
	N/A	12345		Auto		Key10
Key11	N/A	328		Auto		
	N/A	123		Auto		Key12
Key13	N/A	666		Auto		
	N/A	*80XXX		Auto		Key14
Key15	N/A	328		Auto		
	N/A			Auto		Key16
Key17	N/A			Auto		*87

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Redial from the list.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The Redial default display is "Redial".

## Call Return

When the key is configured as Call Return key you are allowed to dial out the last phone call you received.

To assign the key as Call Return:

**NOTE**

**Key Type**  
The free function key 'Types' Speed Dial, BLF, Key Event, Intercom, URL.

**BLF**  
The button can be configured Busy Line Field function with specified account. This feature must be supported by the sip server.

**Key Event**  
Key events are predefined shortcuts to phone and call functions.

**Intercom**  
Enable the 'Intercom' mode and it is useful in an office environment as a quick access to connect to the operator or the secretary.

**URL**  
This key function allows you to send HTTP requests to a web server.

Key	Type	Value	Label	Line	Extension	Key
Key1	Call Return			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	828		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	666		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A			Auto		Key16
Key17	N/A	828		Auto	*87	

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Call Return from the list.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The Call Return default display is "Call Return".

## SMS

When the key is configured as SMS key you are allowed to access SMS quickly by pressing this key.

To assign the key as SMS:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. The Phone tab is selected. Below the tabs is a sub-navigation bar with links for Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The main content area is titled "Expansion Key" and shows a table for "Expansion 1". The table has columns for Key, Type, Value, Label, Line, Extension, and Key. Rows represent keys from Key1 to Key17. Key1 is assigned to "SMS" and has "Auto" in the Line and Extension fields. Other keys are labeled "N/A". A note on the right side of the interface provides information about key types, BLF, key events, intercom, and URLs.

Key	Type	Value	Label	Line	Extension	Key
Key1	SMS			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	328		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	666		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A			Auto		Key16
Key17	N/A	328		Auto	*87	

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose SMS from the list.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The SMS default display is "SMS".

## Pick Up

When you configure a Pick Up key, you specify the extension that you want to monitor. Then, when the monitored extension receives a call, you can press this key to pick up the incoming call.

To assign the key as Pick Up:

The screenshot shows the Yealink configuration interface for an IP phone expansion. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. The Phone tab is active. Below the tabs is a sub-menu with Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The main content area is titled 'Expansion Key' and shows 'Expansion 1'. A table lists 17 keys, each with columns for Key, Type, Value, Label, Line, Extension, and Key. Key 1 is configured with 'Pick Up' as the type, 'Line 1' as the line, and 'Auto' as the extension. Other keys are mostly set to 'N/A' or specific values like '123', '12345', or '666'. To the right of the table is a 'NOTE' section with several entries: 'Key Type' (describing free function keys), 'BLF' (Busy Line Field), 'Key Event' (predefined shortcuts), 'Intercom' (quick access to operator/secretary), and 'URL' (HTTP requests to a web server).

Key	Type	Value	Label	Line	Extension	Key
Key1	Pick Up			Line 1		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key5
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	328		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	666		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A			Auto		Key16
Key17	N/A	328		Auto		*87

[Confirm] [Cancel]

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Pick Up from the list, and enter the number you want to pick up in the value field.
- 2) Then you can fill in the name to the label which you want.
- 3) In the "Line" field, select a line for which to apply this key.
- 4) Press Confirm button to save the changes.
- 5) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 6) The Pick Up default display is "Pick Up".

## Call Park

Call Park is a feature that allows a person to put a call on hold at one telephone set and continue the conversation from any other telephone set.

The “call park” feature is activated by pressing a preprogrammed button or a special sequence of buttons. This transfers the current conversation to an unused extension number and immediately puts the conversation on hold. The telephone system will then display the extension number of the parked call so that the call can later be retrieved.

To assign the key as Call Park:

**NOTE**

**Key Type**  
The free function key 'Types' Speed Dial, BLF, Key Event, Intercom, URL.

**BLF**  
The button can be configured Busy Line Field function with specified account. This feature must be supported by the sip server.

**Key Event**  
Key events are predefined shortcuts to phone and call functions.

**Intercom**  
Enable the 'Intercom' mode and it is useful in an office environment as a quick access to connect to the operator or the secretary.

**URL**  
This key function allows you to send HTTP requests to a web server.

Key	Type	Value	Label	Line	Extension	Key
Key1	Call Park			Line 1		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	828		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	666		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A			Auto		Key16
Key17	N/A	828		Auto	*87	

Confirm Cancel

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Call Park from the list, and enter the number you want to park in the value field.
- 2) Then you can fill in the name to the label which you want.
- 3) In the "Line" field, select a line for which to apply this key.
- 4) Press Confirm button to save the changes.
- 5) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 6) The Call Park default display is a icon "👤" and "Call Park".

## DTMF

You are allowed to send out the desired DTMF number during the conversation. The number needs to be set in advance.

To assign the key as DTMF:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. The Phone tab is currently selected. Below the tabs is a sub-navigation bar with links to Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The main content area is titled 'Expansion Key' and shows a table for 'Expansion 1'. The table has columns for Key, Type, Value, Label, Line, Extension, and Key. Key1 is assigned to DTMF with value '123' and label 'Auto'. Key2 is assigned to N/A. Key3 is assigned to N/A with value '123' and label 'Auto'. Key4 is assigned to N/A. Key5 is assigned to N/A. Key6 is assigned to N/A. Key7 is assigned to N/A. Key8 is assigned to N/A. Key9 is assigned to N/A. Key10 is assigned to N/A with value '\*87328' and label 'Auto'. Key11 is assigned to N/A with value 'B28' and label 'Auto'. Key12 is assigned to N/A with value '12345' and label 'Auto'. Key13 is assigned to N/A with value '123' and label 'Auto'. Key14 is assigned to N/A with value '566' and label 'Auto'. Key15 is assigned to N/A with value '\*80XXX' and label 'Auto'. Key16 is assigned to N/A. Key17 is assigned to N/A with value 'B28' and label 'Auto', and has an extension of '\*87'. On the right side of the interface, there is a 'NOTE' section with several entries: 'Key Type' (describing Speed Dial, BLF, Key Event, Intercom, URL), 'BLF' (describing Busy Line Field function), 'Key Event' (describing predefined shortcuts), 'Intercom' (describing quick access to operator or secretary), and 'URL' (describing key function for sending HTTP requests). At the bottom of the interface are 'Confirm' and 'Cancel' buttons.

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose DTMF from the list, and enter the character you want to send out during the conversation in the value field.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The DTMF default display is "DTMF"

## Voice mail

When the key is configured as Voice Mail key you are allowed to access voicemail quickly by pressing this key.

To assign the key as Voice Mail:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The 'Phone' tab is selected. In the 'Expansion Key' section, there are 17 rows for keys, each with columns for Key, Type, Value, Label, Line, Extension, and Key. Key1 is set to 'Voice Mail' with value 'N/A'. Key2 is set to 'Auto'. Key3 has value '123'. Key4 has value 'Auto'. Key5 has value 'Auto'. Key6 has value 'Auto'. Key7 has value 'Auto'. Key8 has value 'Auto'. Key9 has value '\*87328'. Key10 has value 'Auto'. Key11 has value '328'. Key12 has value '12345'. Key13 has value '123'. Key14 has value '666'. Key15 has value '\*80XXX'. Key16 has value 'Auto'. Key17 has value '328'. The 'Line' column shows various options like 'Line 1', 'Auto', and specific extension numbers. The 'Extension' column shows 'Key2', 'Key4', 'Key6', 'Key8', 'Key10', 'Key12', 'Key14', and 'Key16'. The 'Key' column shows 'Key1' through 'Key17'. At the bottom are 'Confirm' and 'Cancel' buttons.

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Voice Mail from the list, and enter the number you want to set as the voice mail box in the value field
- 2) Then you can fill in the name to the label which you want.
- 3) In the "Line" field, select a line for which to apply this key
- 4) Press Confirm button to save the changes.
- 5) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 6) The Voice Mail default display is "Voice Mail"

## Speed Dial

You can configure the key as a simplified speed dial key. This key function allows you to speed up dialing numbers often used or hard to remember.

To assign the key as Speed Dial:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. Below the navigation bar is a sub-menu with links for Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The main content area is titled "Expansion Key Expansion 1". It contains a table with 17 rows, each representing a key assignment. The columns are Key, Type, Value, Label, Line, Extension, and Key. The "Type" column dropdown menu includes Speed Dial, N/A, BLF, Key Event, Intercom, and URL. The "Value" column contains various numbers and dialing codes like \*87328 and \*80XXX. The "Label" column contains names like "Key2", "Key4", "Key5", "Key6", "Key8", "Key10", "Key12", "Key14", and "Key16". The "Line" and "Extension" columns are mostly set to "Auto". The "Key" column lists the physical key numbers from 1 to 17. At the bottom of the table are "Confirm" and "Cancel" buttons.

Key	Type	Value	Label	Line	Extension	Key
Key1	Speed Dial			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		Key4
	N/A			Auto		
Key5	N/A			Auto		Key5
	N/A			Auto		
Key7	N/A			Auto		Key8
	N/A			Auto		
Key9	N/A			Auto		Key10
	N/A	*87328		Auto		
Key11	N/A	328		Auto		Key12
	N/A	12345		Auto		
Key13	N/A	123		Auto		Key14
	N/A	666		Auto		
Key15	N/A	*80XXX		Auto		Key16
	N/A			Auto		
Key17	N/A	328		Auto	*87	

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Speed Dial from the list, and enter the number you want to dial out directly in the value field
- 2) Then you can fill in the name to the label which you want.
- 3) In the "Line" field, select a line for which to apply this key.
- 4) Press Confirm button to save the changes.
- 5) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 6) The Speed Dial default display is a icon "■■■" and "the content of the value".

## Intercom

You can configure the key for Intercom mode and it is useful in an office environment as a quick access to connect to the operator or the secretary.

To assign the key as Intercom:

Key	Type	Value	Label	Line	Extension	Key
Key1	Intercom			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	B28		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	566		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A			Auto		Key16
Key17	N/A	B28		Auto	*87	

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Intercom from the list, then enter the feature code and number in the value field you want to set as intercom.
- 2) Then you can fill in the name to the label which you want.
- 3) In the "Line" field, select a line for which to apply this key.
- 4) Press Confirm button to save the changes.
- 5) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 6) The Intercom default display is "Intercom"

**Note:**

Your VoIP PBX must support this feature. And make sure the intercom extension enables the Auto-answer function.

## Line

You can set these keys as line keys to active up to the user accounts.

To assign the key as Line:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The 'Phone' tab is selected. In the 'Expansion Key' section, there is a table with 17 rows, each representing a key from Key1 to Key17. The columns are: Key, Type, Value, Label, Line, Extension, and Key. The 'Type' column dropdown menu includes 'Line', 'N/A', and 'BLF'. The 'Value' column contains various values like '123', '12345', '666', etc. The 'Label' column is mostly empty or contains 'Auto'. The 'Line' and 'Extension' columns show dropdown menus. The 'Key' column lists the assigned keys: Key2, Key4, Key6, Key8, Key10, Key12, Key14, Key16, and Key17. At the bottom of the table are 'Confirm' and 'Cancel' buttons.

Key	Type	Value	Label	Line	Extension	Key
Key1	Line			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	328		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	666		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A	328		Auto		Key16
Key17	N/A			Auto		*87

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Line from the list, and choose the correspondent line.
- 2) Press Confirm button to save the changes.
- 3) The key on the LCD default display is a icon "☎" and the account which one you choose.

## BLF

You can configure the key for Busy Lamp Field (BLF) use which allows you to monitor the status (idle, ringing, or busy) of other SIP accounts. User can dial out on a BLF configured key on the expansion module EXP39.

To assign the key as BLF:

Key	Type	Value	Label	Line	Extension	Key
Key1	BLF			Line 1		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	828		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	666		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A			Auto		Key16
Key17	N/A	828		Auto	*87	

**NOTE**

**Key Type**  
The free function key 'Types' Speed Dial, BLF, Key Event, Intercom, URL.

**BLF**  
The button can be configured Busy Line Field function with specified account. This feature must be supported by the sip server.

**Key Event**  
Key events are predefined shortcuts to phone and call functions.

**Intercom**  
Enable the 'Intercom' mode and it is useful in an office environment as a quick access to connect to the operator or the secretary.

**URL**  
This key function allows you to send HTTP requests to a web server.

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose BLF from the list, and enter the number in the value field you want to monitor.
- 2) Then you can fill in the name to the label which you want.
- 3) In the "Line" field, select a line for which to apply this key.
- 4) And then enter the feature codes in the extension field.
- 5) Press Confirm button to save the changes.
- 6) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 7) The BLF default display is a icon "█" and "BLF:'the content of the value'"

**Note:**

- 1) Please contact your system administrator for more information about the feature codes

## URL

If the key is configured as URL, then pressing this key, you can send HTTP requests to a web server.

To assign the key as URL:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. Below the navigation bar is a sub-menu with links for Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The main content area is titled 'Expansion Key' and shows a table with 17 rows, each representing a key. The columns in the table are Key, Type, Value, Label, Line, Extension, and Key. The 'Type' column dropdown menu includes options like URL, N/A, and Speed Dial. The 'Value' column contains various entries such as '123', '328', and '\*87328'. The 'Label' column contains names like 'Key2', 'Key4', 'Key6', 'Key8', 'Key10', 'Key12', 'Key14', 'Key16', and 'Key17'. The 'Line' and 'Extension' columns have dropdown menus. The 'Key' column contains numerical values corresponding to the labels. To the right of the table, there is a 'NOTE' section with several entries: 'Key Type' (describing URL, BLF, Key Event, Intercom, and URL), 'BLF' (describing Busy Line Field), 'Key Event' (describing predefined shortcuts), 'Intercom' (describing intercom mode), and 'URL' (describing HTTP requests). At the bottom of the table are 'Confirm' and 'Cancel' buttons.

Key	Type	Value	Label	Line	Extension	Key
Key1	URL			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	328		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	666		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A			Auto		Key16
Key17	N/A	328		Auto		*87

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose URL from the list, and enter the url you want to set as URL in the Value field.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The URL default display is "the content of the value".

## Group Listening

When the key is configured as Group Listening key, you are allowed to enable the Speakerphone and Handset/Headset mode at the same time. It is suitable for the group conversation which has more than one person at one side. You are able to speak and listen using handset/headset; meanwhile the others near by can listen using speakerphone. You can get back to the previous mode by pressing the key again.

To assign the key as Group Listening:

Key	Type	Value	Label	Line	Extension	Key
Key1	Group Listener			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	328		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	666		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A			Auto		Key16
Key17	N/A	328		Auto	*87	

**NOTE**

**Key Type**  
The free function key 'Types' Speed Dial, BLF, Key Event, Intercom, URL.

**BLF**  
The button can be configured Busy Line Field function with specified account. This feature must be supported by the sip server.

**Key Event**  
Key events are predefined shortcuts to phone and call functions.

**Intercom**  
Enable the 'Intercom' mode and it is useful in an office environment as a quick access to connect to the operator or the secretary.

**URL**  
This key function allows you to send HTTP requests to a web server.

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Group Listening from the list.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The Group Listening default display is "Group Listening"

## Public Hold

The key can be configured as a public hold key. During a conversation, all members belonging to that particular SLA group can use this key to hold or retrieve a call.

To assign the key as Public Hold:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. The Phone tab is selected, and its sub-tabs include Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The EXT Key sub-tab is active, showing a table titled "Expansion Key Expansion 1". The table has columns for Key, Type, Value, Label, Line, Extension, and Key. Rows represent keys from Key1 to Key17. Key1 is assigned "Public Hold" to the "Value" field and "Auto" to the "Label" field. Other keys are labeled "N/A". A vertical sidebar on the right contains notes for Key Type, BLF, Key Event, Intercom, and URL.

Key	Type	Value	Label	Line	Extension	Key
Key1	Public Hold			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		Key4
	N/A			Auto		
Key5	N/A			Auto		Key6
	N/A			Auto		
Key7	N/A			Auto		Key8
	N/A			Auto		
Key9	N/A			Auto		Key10
	N/A	*87328		Auto		
Key11	N/A	928		Auto		Key12
	N/A	12345		Auto		
Key13	N/A	123		Auto		Key14
	N/A	666		Auto		
Key15	N/A	*80XXX		Auto		Key16
	N/A			Auto		
Key17	N/A	928		Auto	*87	

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Public Hold from the list.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The Public Hold default display is "Public Hold"

## Private Hold

The key can be configured as a private hold key. During a conversation, all members belonging to that particular SLA group can use this key to hold the call, but only the initiator can retrieve the call.

To assign the key as Private Hold:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. The Phone tab is selected. Below the tabs is a sub-navigation bar with links for Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The main content area is titled 'Expansion Key' and shows a table for 'Expansion 1'. The table has columns for Key, Type, Value, Label, Line, Extension, and Key. There are 17 rows, each representing a key assignment. Row 1 (Key1) is set to 'Private Hold' with 'Auto' as the label. Rows 3 through 17 are all set to 'N/A' in the Type field. A vertical scroll bar is visible on the right side of the table. To the right of the table, there is a 'NOTE' section with several entries: 'Key Type' (describing free function keys like Speed Dial, BLF, Key Event, Intercom, URL), 'BLF' (describing Busy Line Field), 'Key Event' (describing predefined shortcuts), 'Intercom' (describing quick access to operators), and 'URL' (describing key functions for sending HTTP requests). At the bottom of the table are 'Confirm' and 'Cancel' buttons.

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Private Hold from the list.
- 10) Then you can fill in the name to the label which you want.
- 11) Press Confirm button to save the changes.
- 12) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 13) The Private Hold default display is "Private Hold".

## Shared Line

Share Line Appearance (SLA), you can also call it Bridged Line Appearance (BLA). This feature allows subscribers to share SIP lines and also provides status monitoring of the shared line. When a user places an outgoing call using such an appearance, all members belonging to that particular SLA group are notified of this usage and are blocked from using this line appearance until the line goes back to idle state or when the call is placed on hold. Similarly all members of the SLA group are notified of an incoming call and the call can be picked up on a line appearance associated with the SLA extension.

To assign the key as Share Line:

Key	Type	Value	Label	Line	Extension	Key
Key1	Shared Line			Line 1		
	N/A			Auto		Key2
Key3	N/A	123		Auto		Key4
	N/A			Auto		
Key5	N/A			Auto		Key6
	N/A			Auto		
Key7	N/A			Auto		Key8
	N/A			Auto		
Key9	N/A			Auto		Key10
	N/A	*87328		Auto		
Key11	N/A	328		Auto		Key12
	N/A	12345		Auto		
Key13	N/A	123		Auto		Key14
	N/A	666		Auto		
Key15	N/A	*80XXX		Auto		Key16
	N/A			Auto		
Key17	N/A	328		Auto	*87	

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Shared Line from the list, and enter number in the value field you want to set as shared line.
- 2) Then you can fill in the name to the label which you want.
- 3) In the "Line" field, select a line for which to apply this key.
- 4) Press Confirm button to save the changes.
- 5) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 6) The Shared Line default display is "Shared Line".

## XML PhoneBook

If you set the XML PhoneBook function, the phone will automatically download the corresponding phone book from the server, and into the XML PhoneBook page when you press the key.

To assign the key as XML PhoneBook:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The 'Phone' tab is selected. In the 'Expansion Key' section, there are 17 rows for keys labeled Key1 through Key17. Each row has columns for Key, Type, Value, Label, Line, Extension, and Key. The 'Type' column for most keys is set to 'XML PhoneBook'. The 'Label' column contains various names like 'N/A', '123', 'Auto', and phone numbers. The 'Line' and 'Extension' columns are mostly set to 'Auto'. The 'Key' column lists keys from 'Key2' to 'Key16'. To the right of the table, there is a 'NOTE' section with several entries: 'Key Type' (describing XML PhoneBook), 'BLF' (Busy Line Field), 'Key Event' (predefined shortcuts), 'Intercom' (quick access to operator), and 'URL' (HTTP requests to web server).

Key	Type	Value	Label	Line	Extension	Key
Key1	XML PhoneBook		N/A	Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	828		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	666		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A			Auto		Key16
Key17	N/A	828		Auto	*87	

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose XML PhoneBook from the list.
- 2) Then you can fill in the name to the label which you want.
- 3) In the "Line" field, select a PhoneBook for which to apply this key.
- 4) Press Confirm button to save the changes.
- 5) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 6) The XML PhoneBook default display is "XML PhoneBook".

## Group Pickup

When you configure a Group Pickup key, you specify the extension that you want to monitor. Then, when the monitored extension receives a call, pressing it to pick up the call. If the monitored extension receives multiple incoming calls simultaneously, the IP Phone UI displays a list of incoming calls. You select a call from this list, and are connected to the call.

To assign the key as Group Pickup:

Key	Type	Value	Label	Line	Extension	Key
Key1	Group Pickup	123		Auto	Auto	Key2
Key2	N/A			Auto	Auto	
Key3	N/A	123		Auto	Auto	Key4
Key4	N/A			Auto	Auto	
Key5	N/A			Auto	Auto	Key6
Key6	N/A			Auto	Auto	
Key7	N/A			Auto	Auto	Key8
Key8	N/A			Auto	Auto	
Key9	N/A			Auto	Auto	Key10
Key10	N/A	*87328		Auto	Auto	
Key11	N/A	828		Auto	Auto	Key12
Key12	N/A	12345		Auto	Auto	
Key13	N/A	123		Auto	Auto	Key14
Key14	N/A	666		Auto	Auto	
Key15	N/A	*90XXX		Auto	Auto	Key16
Key16	N/A			Auto	Auto	
Key17	N/A	828		Auto	*87	

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Group Pickup from the list, and enter the number you want to set as Group Pickup in the value filed.
- 2) Then you can fill in the name to the label which you want.
- 3) In the "Line" field, select a line for which to apply this key.
- 4) Press Confirm button to save the changes.
- 5) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 6) The Group Pickup default display is "Group Pickup".

## Paging

You can configure the key as Paging key. When you press this key, the phone will dial the number out directly.

To assign the key as Paging:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. Below the navigation bar, a sub-menu bar lists Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The main content area is titled 'Expansion Key' and shows a table for 'Expansion 1'. The table has columns for Key, Type, Value, Label, Line, Extension, and Key. Rows represent keys from Key1 to Key17. Key1 is assigned 'Paging' as its type and has '12345' entered in the Value field. Other keys like Key2, Key4, Key6, Key8, Key10, Key12, Key14, Key16, and Key17 have 'N/A' selected in the Type dropdown. The right side of the interface contains a 'NOTE' section with detailed descriptions for Key Type, BLF, Key Event, Intercom, and URL.

Key	Type	Value	Label	Line	Extension	Key
Key1	Paging	12345		Auto		
	N/A			Auto		Key2
Key3	N/A			Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	328		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	666		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A			Auto		Key16
Key17	N/A	328		Auto	*87	

Confirm      Cancel

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Paging from the list, and enter the number you want to dial out directly in the Value field
- 2) Then you can fill in the name to the label which you want.
- 3) In the "Line" field, select a line for which to apply this key.
- 4) Press Confirm button to save the changes.
- 5) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 6) The Paging default display is "Paging".

## Record

Call recording is a phone function to record the conversation in the process of dialog.

To assign the key as Record:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The top navigation bar includes tabs for Status, Account, Network, Phone (selected), Contacts, Upgrade, and Security. Below the navigation is a sub-menu with Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The main content area is titled 'Expansion Key' and shows 'Expansion 1'. A table lists 17 keys, each with a dropdown menu for Type (e.g., Record, N/A, BLF, Key Event, Intercom, URL). The 'Value' column contains various entries like '123', '\*87328', '328', etc. The 'Label' column is empty for most keys. The 'Line' and 'Extension' columns show 'Auto' as the default. The 'Key' column lists 'Key2', 'Key4', 'Key6', 'Key8', 'Key10', 'Key12', 'Key14', and 'Key16' for specific keys. At the bottom are 'Confirm' and 'Cancel' buttons.

**NOTE**

- Key Type**: The free function key 'Types' Speed Dial, BLF, Key Event, Intercom, URL.
- BLF**: The button can be configured Busy Line Field function with specified account. This feature must be supported by the sip server.
- Key Event**: Key events are predefined shortcuts to phone and call functions.
- Intercom**: Enable the 'Intercom' mode and it is useful in an office environment as a quick access to connect to the operator or the secretary.
- URL**: This key function allows you to send HTTP requests to a web server.

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Record from the list.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The Record default display is "Record".

## XML Browser

Xml browser is a simple browser function, which is based on xml language and http/https service, users can use tools such as PHP, JavaScript, etc., accordance with the established syntax, to generate server-side functions dynamically to meet the needs of the user xml file, and then downloaded it to sip phone by http/https, so as to realize a simple browser features. Using xml browser, customers can achieve the personalized features, such as weather information, stock information, date of inquiry, access to address book, Google search, news browsing, playing music, configuration of the terminal parameters and other functions.

To assign the key as XML Browser:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. The Phone tab is selected, and its sub-tabs include Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The main content area displays a table for 'Expansion Key' configuration, specifically for 'Expansion 1'. The table has columns for Key, Type, Value, Label, Line, Extension, and Key. Rows represent keys from Key1 to Key17. Key1 is set to 'XML Browser' with a value of 'http://www.yealink.com'. Other keys are set to 'N/A'. A note on the right side provides information about Key Type, BLF, Key Event, Intercom, and URL.

Key	Type	Value	Label	Line	Extension	Key
Key1	XML Browser	http://www.yealink.com		Auto		
Key2	N/A			Auto		
Key3	N/A			Auto		
Key4	N/A			Auto		
Key5	N/A			Auto		
Key6	N/A			Auto		
Key7	N/A			Auto		
Key8	N/A			Auto		
Key9	N/A			Auto		
Key10	N/A	#87328		Auto		
Key11	N/A	328		Auto		
Key12	N/A	12345		Auto		
Key13	N/A	123		Auto		
Key14	N/A	666		Auto		
Key15	N/A	*80XXX		Auto		
Key16	N/A			Auto		
Key17	N/A	328		Auto	*87	

**NOTE**  
**Key Type**  
The free function key 'Types' Speed Dial, BLF, Key Event, Intercom, URL.

**BLF**  
The button can be configured Busy Line Field function with specified account. This feature must be supported by the sip server.

**Key Event**  
Key events are predefined shortcuts to phone and call functions.

**Intercom**  
Enable the 'Intercom' mode and it is useful in an office environment as a quick access to connect to the operator or the secretary.

**URL**  
This key function allows you to send HTTP requests to a web server.

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose XML Browser from the list, and enter the url you want to set as XML Browser in the Value field
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The XML Browser default display is "XML Browser".

## Hot Desking

Hot Desking is regularly used in places where not all the employees are in the office at the same time, or not in the office for a very long time, which means actual personal offices would be often vacant, consuming valuable space and resources.

Hot Desking is a phone feature that allows accounts to login or logout in an IP phone. After a certain account landing, the corresponding configuration of the account will be applied to the phone.

To assign the key as Hot Desking:

Key	Type	Value	Label	Line	Extension	Key
Key1	Hot Desking			Auto		
	N/A			Auto		Key2
Key3	N/A	123		Auto		
	N/A			Auto		Key4
Key5	N/A			Auto		
	N/A			Auto		Key6
Key7	N/A			Auto		
	N/A			Auto		Key8
Key9	N/A			Auto		
	N/A	*87328		Auto		Key10
Key11	N/A	328		Auto		
	N/A	12345		Auto		Key12
Key13	N/A	123		Auto		
	N/A	566		Auto		Key14
Key15	N/A	*80XXX		Auto		
	N/A	328		Auto		Key16
Key17	N/A			Auto		*87

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose Hot Desking from the list.
- 2) In the "value" field, enter the URL address in the input frame to active the advanced mode. Or you can leave it black to active the base mode.
- 3) Then you can fill in the name to the label which you want.
- 4) Press Confirm button to save the changes.
- 5) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 6) The Hot Desking default display is "Hot Desking".

## URL Record

You can set this key as URL Record, recording the call when you press the key.

To assign the key as URL Record:

The screenshot shows the Yealink IP Phone Expansion configuration interface. The top navigation bar includes tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. Below the navigation bar is a sub-menu with links for Preference, Features, DSS Key, EXT Key, Voice, Ring, Tones, Dial Plan, and SMS. The main content area is titled "Expansion Key" and displays a table for "Expansion 1". The table has columns for Key, Type, Value, Label, Line, Extension, and Key. Rows represent keys from Key1 to Key17. Key1 is assigned a URL Record with value "#87328" and label "Auto". Other keys are labeled "N/A". A "Confirm" button is at the bottom left, and a "Cancel" button is at the bottom right. To the right of the table is a "NOTE" section with several entries: "Key Type" (describing Speed Dial, BLF, Key Event, Intercom, URL), "BLF" (describing Busy Line Field function), "Key Event" (describing predefined shortcuts), "Intercom" (describing quick access to operator or secretary), and "URL" (describing HTTP requests to a web server).

Key	Type	Value	Label	Line	Extension	Key
Key1	URL Record	#87328	Auto			
	N/A		Auto			Key2
Key3	N/A	123	Auto			
	N/A		Auto			Key4
Key5	N/A		Auto			
	N/A		Auto			Key6
Key7	N/A		Auto			
	N/A		Auto			Key8
Key9	N/A		Auto			
	N/A	*#87328	Auto			Key10
Key11	N/A	328	Auto			
	N/A	12345	Auto			Key12
Key13	N/A	123	Auto			
	N/A	666	Auto			Key14
Key15	N/A	*#80XXX	Auto			
	N/A	328	Auto			Key16
Key17	N/A		Auto			*#87

- 1) Choose Phone->EXT Key, choose one of the key you want to make the assignment, there is a pull-down menu in the Type field, choose URL Record from the list, and enter the URL you want to set as URL in the Value field.
- 2) Then you can fill in the name to the label which you want.
- 3) Press Confirm button to save the changes.
- 4) The key on the LCD, they will display the name which you made, if you didn't fill in the name to the label, the LCD will display the default icon or name.
- 5) The URL Record default display is "URL Record".

The manual is only for reference, please take the object as the standard.  
We reserve the right to improve or change the product and the user guide without notice.

You can download the latest user manuals from our website:

<http://www.yealink.com/en/download.asp?BigClassName=IP%20Phone>