

Yealink SIP IP Phones Version51 Change Log

1 Introduction

1. Firmware Version: V51 -
2. Product Name: SIP-T28/T26/T22/T20/T12
3. Release Date: 1st October 2010

2 New Features

1. Added XML screen/browser (T28P/T26P/T22P)
2. Enabled Hot Desking (T28P/T26P/T22P)
3. Added open VPN support
4. Added 802.1x support
5. Added Action URL/URI support
6. Enabled call recording(T28P/T26P/T22P/T20P)
7. Added three-level access authority on GUI/WUI
8. Added Broadsoft DND&FWD synchronization.
9. Added Broadsoft network conference support.
10. Added Broadsoft redundant server (DNS-SRV) support.
11. Added LDAP function. (T28/T26/T22/T12)
12. Support of EXP39. (T28/T26)
13. Enable configurable SoftKey function. (T28/T26/T22/T12)
14. Added Text-LOGO option in T20.
15. Enabled call completion
16. Added multi-language input method support
17. Added customized factory configuration support
18. Supported programmable softkey (T28P/T26P/T22P/T20P)
19. Enabled BLF support for linekey(T28P/T26P/T22P/T20P)
20. Enabled call park support for BLF(T28P/T26P/T22P/T20P)
21. Enabled to save call duration in the call log(T28P/T26P/T22P/T12P)
22. Enabled to look up in the address book for transfer/conference(T28P/T26P/T22P/T12P)
23. Modified the default input method to be "abc" in SMS editing and phone book searching
24. Enabled http/https port to be configurable
25. Added distinctive ringtone for each account
26. Enabled to adjust the headset sending volume via auto provision
27. Enabled the speed of network port to be configurable
28. Improved PNP to be open by default, it will go and try DHCP if PNP failed.
29. Allowing Group listening switch with the handsfree key
30. Allowing to direct to the contacts starting with the letter or digit you have input in the local phone book searching.
31. Allowing to assign the ringtone for each contact.

32. Enabled to select answer mode for Intercom based on the head field.
33. Enabled to configure Yealink phone with the provision feature of Broadsoft.
34. Added the full match / partial match options to Replace Rule.
35. Enabled to clear the value of the configuration item via auto provision.
36. Now "#" can be resolved as "#" or "% 23" via auto provision when dialing.
37. Added a button to delete all call history in T20
38. Enabled dial rule editable
39. Added a scroll bar onWeb dial-up page
40. Enabled to ring to prompt users when transfer failed.
41. Added GUI information to syslog
42. Added tones for Chile
43. Added an encryption lock icon sharing with the keypad lock in T20 when it uses TLS
44. Enabled Hotline delay
45. Added configuration items for attended transfer and semi-attended transfer
46. Allowing to enable or disable alert tone for call waiting.
47. Enable Live Dialpad which can be used to dial out the number you input in the idle interface automatically without off hook and pressing the speaker key
48. Added configuration items for intercom
49. Allowing to input a number in the transfer interface in the case of more than one call.

3 Optimization

1. Improved Broadsoft BLF List support. (T28/T26/T22/T20)
2. "Logout" feature supported in web configuration page.
3. Enabled the ability to reset the phone to factory setting by long-pressing of the 'Conf' key. (T12)
4. Enabled the ability to display a picture in XML Browser.
5. Enabled the ability to hold the current call when pressing 'hold' key instead of setting up a new call as previous in the (T12).
6. Enabled the option to set the backlight setting to Always Off/Always On to LCD. (T28/T26/T22)
7. Enabled the ability to park a call to another server by 'Call Park'.
8. Enabled the option to set configure the key tone of 'SENT' key, default is enabled.
9. Enabled the ability to receive a busy tone after the call is busy when 'Call Completion' or 'Auto Redial' is enabled.
10. Enable the option to set a specific DSS transfer type DSSkey-Tran, blind transfer or attend transfer.
11. Added 'prefix' option in DSSKey to auto enter the prefix number and wait to enter the extension number.
12. Improved 'DEL' button to the third SoftKey (from the left to the right) in Dial-up and settings interface. (T12)
13. Modified the arrangement of the softkey to be uniform.
14. Modified the default input method to 'abc' both in search and add contact in phonebook.
15. Optimized TR069 web configuration page.
16. Added 'LDAP' option in DSSKey.
17. Added 'SWAP' SoftKey when the phone has two calls at the same time. (T28/T26/T22/T12)
18. Modified the Advanced mode of Hot Desking to be restored to the previous account after logging out.
19. Supported BLA function. (T20/T22 Line Key)
20. Enabled a feature to have a private talk before conference.
21. Now Support the option to configure Auto Provision on LCD.

4 Bug Fixes

1. Fixed the issue that prevents the sending of DTMF tones 'A-D'.
2. Now in Host Desking advanced mode the account will auto log off when other phone override this account.
3. Corrected the parameter of Switzerland busy tone. (T22/T20)
4. Fixed the issue that can not input a comma in SMS and phone book.
5. Fixed the issue that failed to download the distinctive ringtone.
6. Fixed the issue that T28 used the same Cseq but different Caller-ID to send Subscribe message after the server is just opened.
7. Fixed the issue that the indicator of corresponding LineKey would not display green when pressing the DssKey which was set to be BLF or Speedial.
8. Revised the web note.
9. Fixed the issue that it can obtain the time but not update when using NTP on windows server 2003.
10. Fixed the issue that would switch to use DNS2 after one hour with no response from DNS1
11. Fixed the issue that the Broadcast Storm causes the phone to reboot.
12. Extended the limitation to the character inputting in GUI and Web UI.
13. Fixed the issue that there are multiple IP addresses after the SIP server domain name translated by DNS.
14. Optimized the default input method for the register items.
15. Now focusing on the first remote phone book item when entering into Directory
16. Now DND should be canceled manually.
17. Fixed the issue that could not do the transfer when there are more than one line call (You can use the transfer key or FWD key in T22 in this case)
18. Modified to flash the power indicator when doing mute in a call, and the mute is effective to all lines.
19. Enhanced xml remote phone book.
20. Fixed the issue that should add STUN server address to via head field when registering in the case of STUN open.
21. Fixed the issue that ignored the 481 message responded from BLF subscription.
22. Fixed the issue that wrong handling with 488 responses after sending a RE_INVITE message during a call.

5 Instruction

1. Added XML screen/browser (T28P/T26P/T22P)
Details: http://www.yealink.co.uk/assets/Document-Downloads/Yealink_XML_Browser_Services_Configuration_Guide.zip
2. Enabled Hot Desking (T28P/T26P/T22P)
Details: http://www.yealink.co.uk/assets/Document-Downloads/How_to_use_Hot_Desking_on_Yealink_phones1.1.PDF
3. Added open VPN support
Details: http://www.yealink.co.uk/assets/Document-Downloads/Open_VPN.zip

4. Added 802.1x support

Details:

<http://www.yealink.co.uk/assets/Document-Downloads/How-to-use-the-802.1x-feature-on-Yealink-Phones.zip>

5. Enabled call recording(T28P/T26P/T22P/T20P)

Details: <http://www.yealink.co.uk/assets/Document-Downloads/Instructions to call recording on Yealink phones.PDF>

6. Added three-Level access authority in GUI/WUI

Details: <Http://www.yealink.co.uk/assets/Document-Downloads/Configuration Guide for User level on Yealink phones1.2.zip>

7. Enabled call park support for BLF (T28P/T26P/T22P/T20P)

Details: <http://www.yealink.co.uk/assets/Document-Downloads/How to use the BLF Call Park feature on Yealink Phone.pdf>

8. Enabled Call Completion

Details: <http://www.yealink.co.uk/assets/Document-Downloads/How to use Call Completion on Yealink Phone.pdf>

9. Added Broadsoft DND&FWD synchronization.

Address: Web Setting Page -> Phone -> Features

Instruction: This function supports the DND&FWD synchronization with server.

Detail: Please refer to User Manual of version 51 for detail.

Attend Trans OnHook	Enabled
Feature Key Synchronisation	Disabled
Use Logo	System Logo

10. Added Broadsoft network conference support.

Address: Web Setting Page -> Account -> Advanced

Instruction: The Network Conferencing solution is an enterprise-class Meet-Me Conferencing service that utilizes dedicated Conference Server network elements to bridge large numbers of participants together.

Detail: Please refer to User Manual of version 51 for detail.

Enable Signal Encode	Disabled
Signal Encode Key	
Conference Type	Local
Conference URI	

11. Added Broadsoft redundant server (DNS-SRV) support.

Address: Web Setting Page -> Account -> Basic

Instruction: The DNS SRV allows administrators to use several servers for a single domain, Yealink SIP Phone will ask for a specific service/protocol for a specific domain (the word domain is used here in the strict RFC1034 sense), and get back the available servers.

Detail: Please refer to User Manual of version 51 for detail.

Outbound Proxy Server	<input type="text"/>	Port	<input type="text" value="5060"/>	?
Transport	UDP			?
Backup Outbound Proxy Server	<input type="text"/>	Port	<input type="text" value="5060"/>	?

Outbound Proxy Server	<input type="text"/>	Port	<input type="text" value="5060"/>	?
Transport	DNS-SRV			?
Backup Outbound Proxy Server	<input type="text"/>	Port	<input type="text" value="5060"/>	?
NAT Traversal				?
STUN Server	<input type="text"/>	Port	<input type="text" value="10000"/>	?

12. Added LDAP function. (T28/T26/T22/T12)

Address: Web Setting Page -> Contacts -> LDAP

Instruction: LDAP stands for Lightweight Directory Access Protocol which is a client-server protocol for accessing a directory service. LDAP lets you locate organizations, individuals, and other resources such as files and devices in a network, whether on the Internet or on a corporate intranet, and whether or not you know the domain name, IP address, or geographic whereabouts. An LDAP directory can be distributed among many servers on a network, then replicated and synchronized regularly.

Manual: [http://www.yealink.co.uk/assets/Document-Downloads/LDAP Installation Instructions.zip](http://www.yealink.co.uk/assets/Document-Downloads/LDAP%20Installation%20Instructions.zip)

13. Supported EXP39. (T28/T26)

Instruction: Yealink EXP39 LCD Expansion Module is designed for improving the power and flexibility of the Yealink advanced IP phones SIP-T26P and SIP-T28P.

Detail: <http://www.yealink.co.uk/exp39-product-specification/>



Yealink LCD Expansion Module EXP39

A green, visual and effective assistant

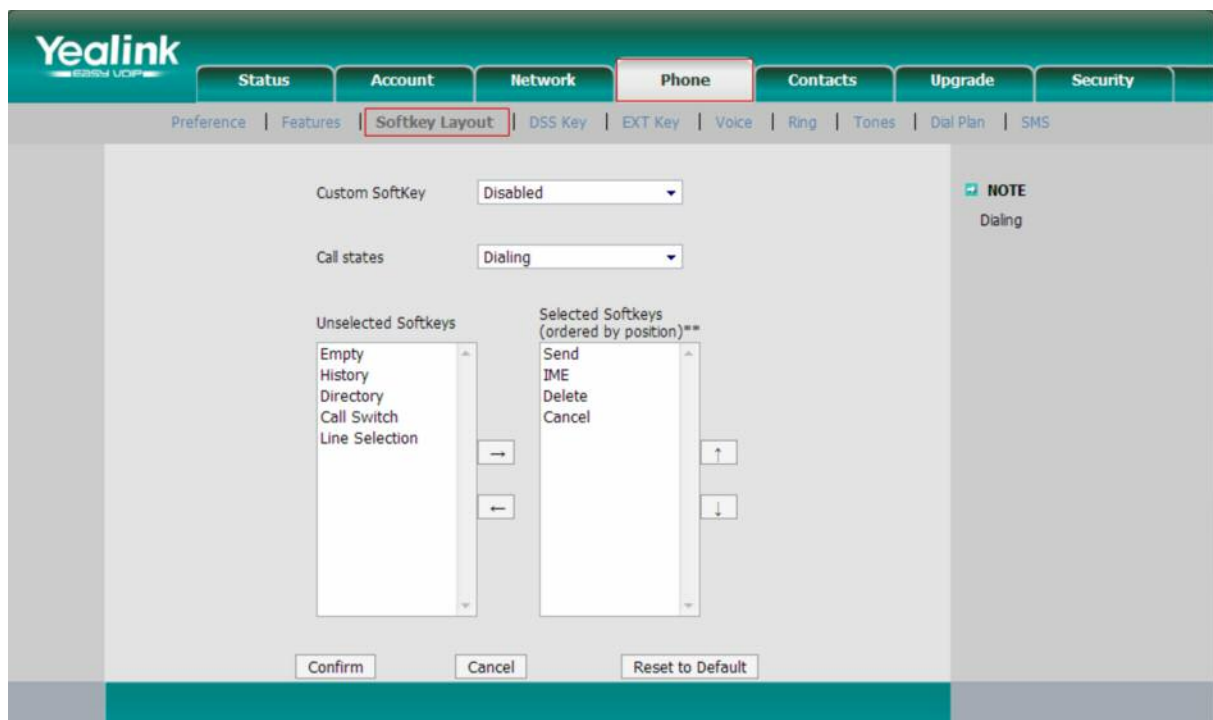
Rich visual experience with 160x320 graphic LCD
20 physical keys each with a dual-color LED
20 additional keys through page switch
Daisy-chain 6 modules up to 120 keys
Supports BLF/BLA, speed dialing, call pickup, etc.

14. Enable SoftKey function configurable. (T28/T26/T22/T12)

Address: Web Setting Page -> Phone -> Softkey Layout

Instruction: Now the Softkey that display different call states is configurable.

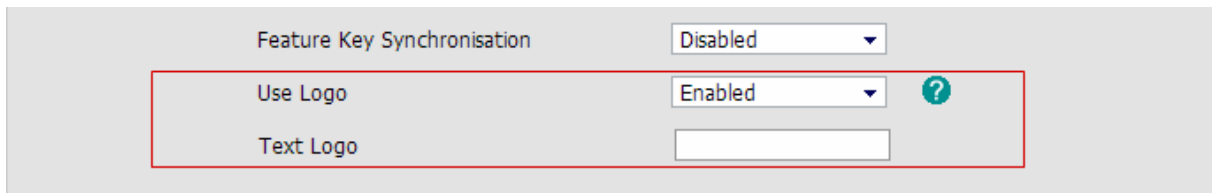
Detail: Please refer to the version 5.1 User Manual for full details.



15. Added Text-LOGO in T20.

Address: Web Setting Page -> Phone -> Features

Instruction: T20 supported Text Logo, the logo display on the LCD can be edited. Under "Use Logo" select Enable, The Text Logo option would appear to be where the editing is done.



Feature Key Synchronisation

Use Logo ?

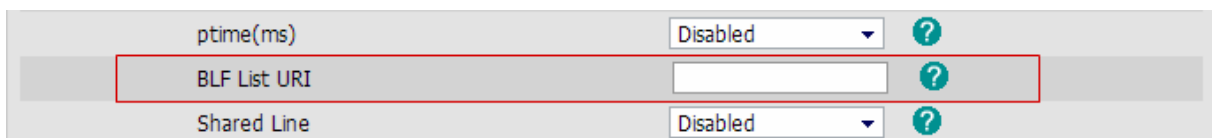
Text Logo

16. Improved Broadsoft BLF List support. (T28/T26/T22/T20)

Address: Web Setting Page -> Account -> Advanced

Instruction: BLF List is a way of grouping the extensions that are being monitored together. It allows the extensions being monitored to be controlled by the server, as you only configure a group name (eg sales) and the server then pushes out the actual extension details to the phone. It also reduces the messaging overhead required to support multiple BLFs, as you only need to maintain a single SIP dialog for the group, and not one for each BLF key.

Detail: Please refer to the version 5.1 User Manual for full details.



ptime(ms) ?

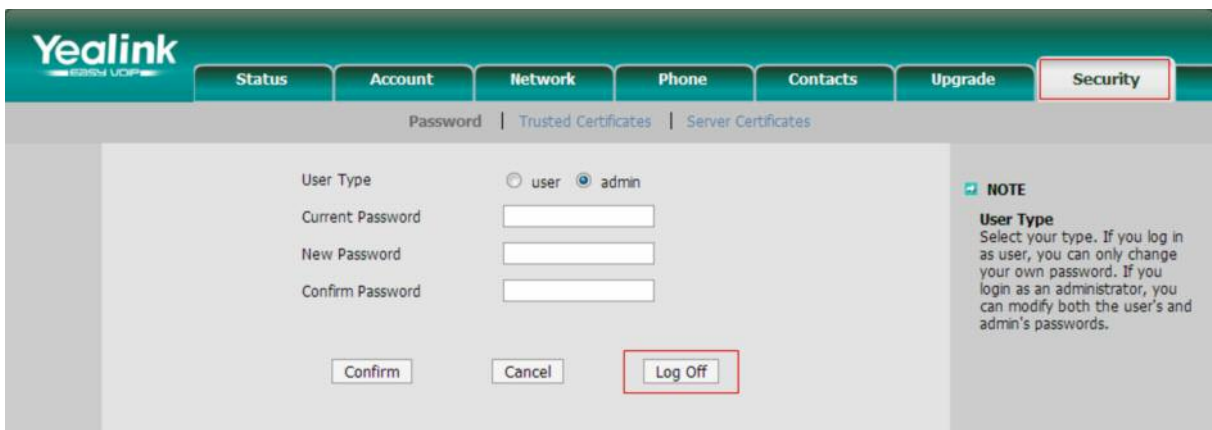
BLF List URI ?

Shared Line ?

17. Supported to logout in web configuration page.

Address: Web Setting Page -> Security

Instruction: Added a 'Log Off' button in the web configuration page, and supported logout by click this button.



Yealink EASY VOIP

Status Account Network Phone Contacts Upgrade Security

Password | Trusted Certificates | Server Certificates

User Type user admin

Current Password

New Password

Confirm Password

Confirm Cancel Log Off

NOTE
User Type
Select your type. If you log in as user, you can only change your own password. If you login as an administrator, you can modify both the user's and admin's passwords.

18. Enabled to reset the phone to factory setting by long-pressing 'Conf' key. (T12)

Instruction: For Yealink T12, after long-pressing 'Conference' key would lead to reset to phone to factory.

19. Enabled to display picture in XML Browser.

Instruction: Now Yealink SIP Phone supported to display picture in XML Browser.

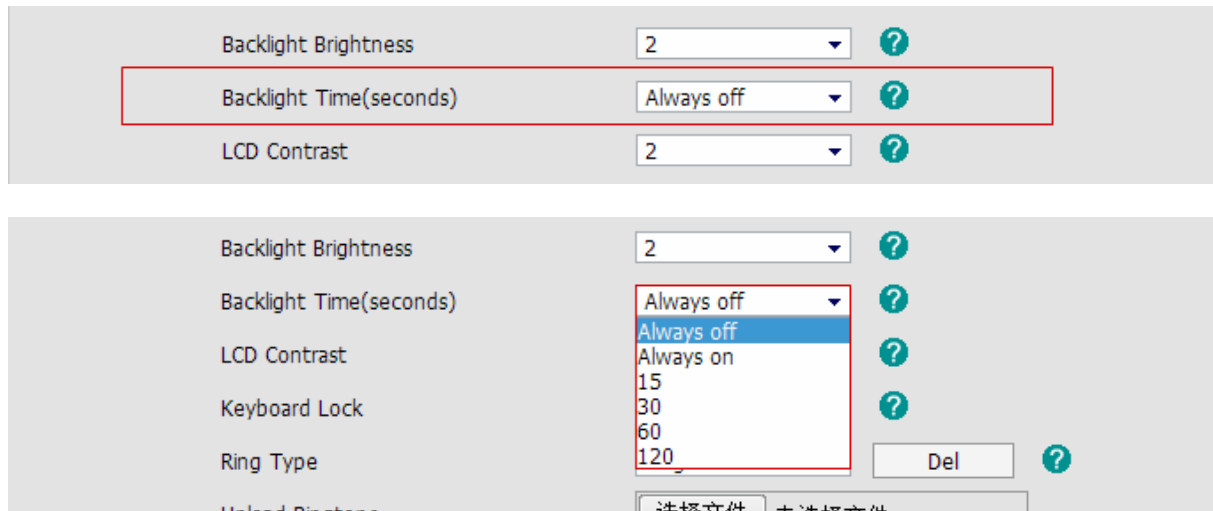
20. Enabled to hold the current call when pressing hold key instead of setting up a new call before. (T12).

Instruction: When Yealink T12 during a call, could hold this call by pressing 'hold' key, and if user want to set up a new call, you could press the number directly.

21. Enabled to be set Always Off/Always On to LCD backlight setting. (T28/T26/T22)

Address: Web Setting Page -> Phone -> Preference

Instruction: Added two select options in the Backlight Time options and now supported the LCD backlight Always Off or Always On.



22. Enabled to park a call to another server by 'Call Park'.

Instruction: The 'Call Park' of DSSKey could select other account, so that could park the call to other server.

23. Enabled the key tone of 'SENT' key configurable, default is enabled.

Address: It could change this setting through Auto Provision.

Instruction: Enabled the key tone of 'SENT' key configurable, default setting is enabled.

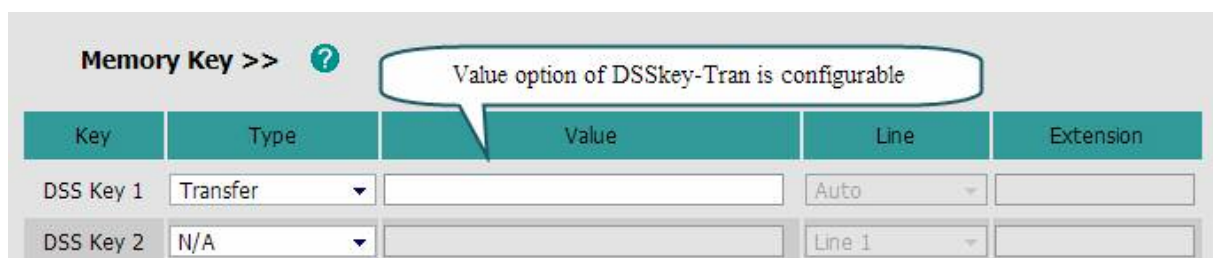
24. Enabled to receive a busy tone after the call is busy when 'Call Completion' or 'Auto Redial' is enabled.

Instruction: When 'Call Completion' or 'Auto Redial' is enabled, user will receive a busy tone when the call is busy.

25. Enable value option of DSSkey-Tran, blind transfer or attend transfer can be configured through it.

Address: Web Setting Page -> Phone -> DSS Key

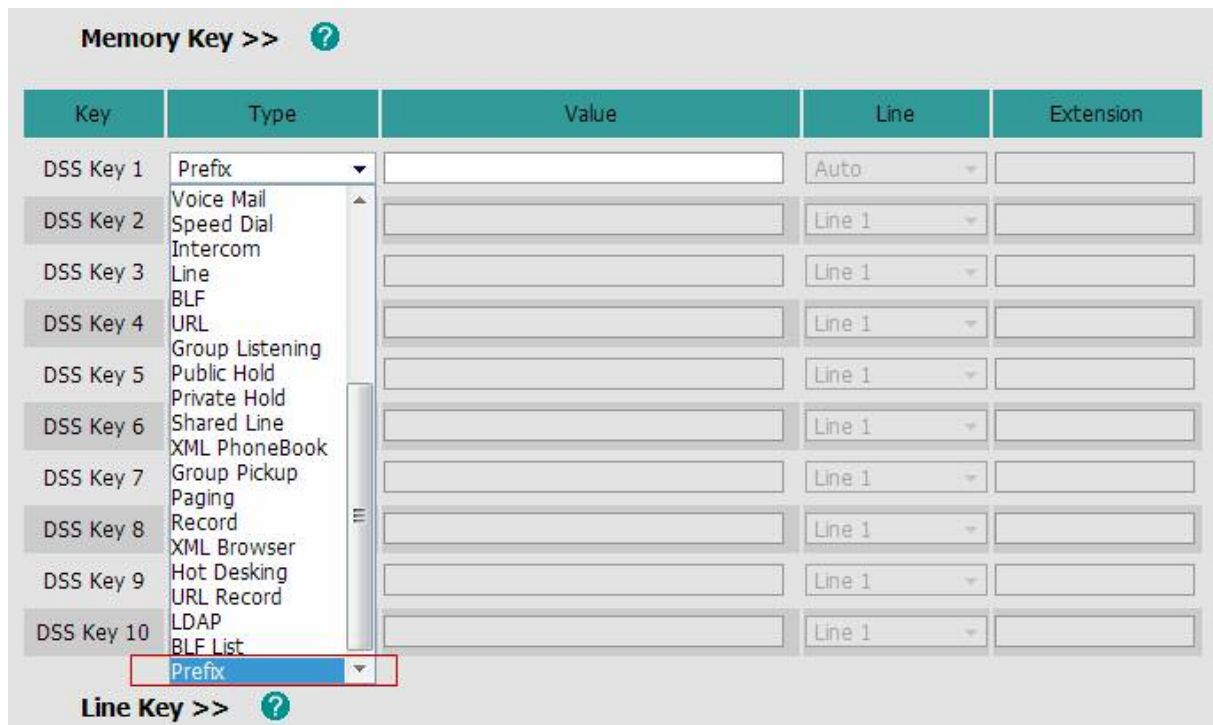
Instruction: Now the value option of Transfer in the DSSKey is configurable. It is Blind Transfer when the value is empty; it is Attend Transfer when there is a value.



26. Added 'prefix' option in DSSKey to auto enter the prefix number and wait to enter the extension number.

Address: Web Setting Page -> Phone -> DSS Key

Instruction: Added 'prefix' option in DSSKey. By pressing this option button, Yealink phone would auto enter the prefix number that was stotted, and waiting for user to enter the extension number.



27. Improved 'DEL' button to the third SoftKey (from the left to the right) in Dial-up and settings interface. (T12)

Instruction: The 'DEL' was arranged to fixed in the SoftKey3 in different status.

28. Modified the arrangement of the Softkey to be uniform.

Instruction: Arranged some function to fixed SoftKey in different states, for example the 'Transfer' key will always in the Softkey2.

29. Modified the default input method is 'abc' both in search and add contact in phonebook.

Instruction: Now the default input method is 'abc' both in search and add contact in phonebook.

30. Optimized TR069 web configuration page.

Instruction: TR069 web configuration page of TR069 was optimized. (TR069 is an optional function)

31. Added 'LDAP' option in DSSKey.

Instruction: Added the 'LDAP' option in DSSKey.

32. Added 'SWAP' SoftKey when the phone has two calls at the same time. (T28/T26/T22/T12)

Instruction: There is a 'SWAP' softkey when the phone has two calls at the same time. The users can switch call thought this softkey.

33. Modified the Advanced mode of Hot Desking to be restored to the previous account after logging out.

Instruction: Yealink support the advanced mode of Hot Desking to be restored to the previous account after logging out.

Manual: <http://www.yealink.co.uk/assets/Document-Downloads/How to use Hot Desking on Yealink phones1.1.PDF>

26. Supported BLA function. (T20/T22 Line Key)

Instruction: T20 and T22 supported to configure the Line Key to BLA function.

27. Enabled to have a private talk before conference.

Instruction: When user invites another number into conference by pressing 'conf' key, user will have a private talk with the third number, then press 'conf' key again to build a conference.

28. Supported to configure Auto Provision on LCD.

Address: LCD -> Menu -> Settings -> Advanced Settings -> Auto Provision

Instruction: Now support to configure Auto Provision on LCD.