

## Yealink DECT IP Phone Release Notes of Version 85

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## Yealink DECT IP Phone Release Notes of Version 77.85.0.20

### 1. Introduction

Firmware Version:

W60B: 77.83.0.85 upgrades to 77.85.0.20

W53H: 88.83.0.90 upgrades to 88.85.0.20

W56H: 61.83.0.90 upgrades to 61.85.0.20

W59R: 115.83.0.10 upgrades to 115.85.0.20

CP930W: 87.83.0.65 upgrades to 87.85.0.20

DDPhone(T54W+DD10K): 96.85.0.65

Applicable Models: W60B, W53H, W56H, W59R, CP930W,

DDPhone(T54W+DD10K)

Release Date: Sept 18<sup>th</sup>, 2020.

### 2. New Features

1. Added the feature that W60B can work with W59R and color-screen

DDPhone (T54W+DD10K):

W59R, certified to rigorous IP67 standard, is Yealink first professional ruggedized DECT handset with integrated Bluetooth, emergency alarm, and vibration.

DDPhone (T54W+DD10K) features an adjustable 4.3-inch color LCD screen with 10 line keys and supports 6 BLF/BLF List keys.

**Note:** DDPhone (T54W+DD10K) does not support Bluetooth, WIFI, and expansion module.

2. Supported Yealink Device Management Platform.
3. Added the feature that IP phone can save what happened to the call in the call log lists.
4. Added the feature that you can configure LDAP for a specific handset.

5. Added the feature that you can configure Remote Phone Book for a specific handset.
6. Added the feature of using regular expressions for matching contacts with the caller's phone number.
7. Added the feature that you can configure the sorting mode in the search results.
8. Added the feature of XML Browser.
9. Added the feature of XML PhoneBook.
10. Added the feature of DND for Ignoring Paging Call.
11. Added the feature of Silent Charging.
12. Added the feature of Action URI.
13. Added the feature of Ribbon SCA on the Kandy server.
14. Added the feature of Ribbon MADN-SCA (Multiple appearance directory number—single call appearance).
15. Added the feature of BroadSoft Call Decline.
16. Added the feature that you can configure DND/forward feature synchronization for a specific account.
17. Added the feature of DHCPv6.

### **3. Optimization**

1. Optimized the feature that you can split the local conference call into individual calls during a three-way conference.
2. Optimized the feature that when the initiator of a three-party conference exits, the rest participants can still have the call.
3. Optimized the feature of Call Transfer.
4. Optimized the feature that you can perform a blind transfer to the third party when there are 2 calls on the phone.
5. Optimized the feature of upgrading 4 different types of handsets at the same time via the web user interface.
6. Optimized the feature of Multicast Paging.
7. Optimized the feature of Line Status.

- Optimized the feature of CDP.

## 4. Bug Fixes

- Fixed an issue that the Line display on CP930W is not in the charge of the parameter "*features.caller\_name\_type\_on\_dialing*".

## 5. New Features Description

- Added the feature that W60B can work with W59R and color-screen DDPPhone (T54W+DD10K).**

**Description:** You can perform OTA upgrade for W59R and DDPPhone and configure LCD language of DDPPhone.

**The parameters in the auto provision template are described as follows:**

*over\_the\_air.url.w59r =*

*over\_the\_air.url.t54w\_dd10k =*

*custom.handset.language =*

- Supported Bluetooth on W59R.**

**Description:** W59R supports Bluetooth 4.2 and you can pair and connect the Bluetooth headset with it.

**Compatible list of Bluetooth headsets:**

Brands	Model
Jabra	Evolve 75
	Evolve 65
	Pro9470
	MOTION UC
	STEALTH
	style
	Talk2

Brands	Model
	EASYGo
	Supreme
	Storm
	MINI
Sennheiser	PRESENCE UC
	MB Pro 1
	MB Pro 2
	EZX 60
	MB660 UC
Plantronics	VOYAGER 5200 UC
	ML20
	ML25
	M165
	Edge
	B825(Focus)
iPhone	Apple AirPods

### 3. Supported vibration on W59R.

**Description:** By default, the phone simultaneously vibrates and rings when receiving an incoming call. You can configure different types of vibration, including: **Vibrate and Ring**, **Vibrate**, **Vibrate then Ring**, and **Off**.

### 4. Supported emergency alarm on W59R.

**Description:** W59R currently supports four types of alarm as following:

- **Button:** Long press the emergency alarm button for 2 seconds to manually set off the emergency alarm.
- **Man Down:** If the handset stays in a tilt angle less than 30 degrees with the ground for some time, an alarm will be triggered.

- **No-Movement:** If the handset stays in a fixed position without movement for a certain period of time, an alarm will be triggered.
- **Running:** If the handset detects the running state and maintains this state for a certain period of time, an alarm will be triggered.

**The parameters in the auto provision template are described as follows:**

*alarm.X.name =*

*alarm.X.type =*

*alarm.X.handset\_stop.enable =*

*alarm.X.trigger\_delay =*

*alarm.X.pre\_alarm.handset\_stop.enable =*

*alarm.X.pre\_alarm.delay =*

*alarm.X.ring.enable =*

*alarm.X.weekly.begin\_time =*

*alarm.X.weekly.end\_time =*

*alarm.X.weekly.dayofweek =*

*handset.X.alarm.template =*

*handset.X.alarm.number =*

*alarm.server.address =*

*alarm.server.port =*

*alarm.server.transport\_type =*

*alarm.server.expires =*

*alarm.server.retry\_counts =*

## **5. Supported BLF on DDPHONE(T54W+DD10K).**

**Description:** DDPHONE supports up to 6 BLF keys; supports BLF Pick Up; supports the pop-up dialog/voice remind feature when the BLF monitored user receives a call; supports long press to view BLF Call Info.

**The parameters in the auto provision template are described as**

**follows:**

*account.X.blf.subscribe\_period =*  
*account.X.blf.subscribe\_event =*  
*account.X.out\_dialog\_blf\_enable =*  
*account.X.blf.match\_host.enable =*  
*sip.sub\_refresh\_random =*  
*ddp.X.linekey.Y.type =*  
*ddp.X.linekey.Y.line =*  
*ddp.X.linekey.Y.value =*  
*ddp.X.linekey.Y.label =*  
*ddp.X.linekey.Y.extension =*  
*ddp.X.features.pickup.blf\_visual\_enable =*  
*ddp.X.features.pickup.blf\_audio\_enable =*  
*ddp.X.features.pickup.blf\_visual.list =*  
*ddp.X.features.pickup.blf\_audio.list =*  
*features.pickup.direct\_pickup\_enable =*  
*features.pickup.direct\_pickup\_code =*  
*features.pickup.group\_pickup\_enable =*  
*features.pickup.group\_pickup\_code =*  
*features.blf.show\_callinfo.enable =*  
*account.X.direct\_pickup\_code =*  
*account.X.group\_pickup\_code =*

**6. Supported BLF List on DDPHONE(T54W+DD10K).**

**Description:** DDPHONE supports up to 6 BLF List keys; supports BLF Pick Up; supports the pop-up dialog/voice remind feature when the BLF monitored user receives a call; supports long press to view BLF Call Info.

**The parameters in the auto provision template are described as follows:**

*sip.terminate\_notify\_sub\_delay\_time =*  
*ddp.X.linekey.Y.type =*  
*ddp.X.linekey.Y.line =*  
*account.X.blf.blf\_list\_uri =*  
*account.X.blf\_list\_code =*  
*phone\_setting.auto\_blf\_list\_enable =*  
*features.call\_park.park\_code =*  
*features.call\_park.park\_retrieve\_code =*  
*account.X.blf\_list\_barge\_in\_code =*  
*account.X.blf\_list\_call\_parked\_code =*  
*account.X.blf\_list\_retrieve\_call\_parked\_code =*

## 7. Supported Yealink Device Management Platform.

**Description:** After connecting W60B to Yealink Device Management Platform, you can manage W60B on Yealink Device Management Platform, for example, viewing the device information and diagnosing the device.

## 8. Added the feature that IP phone can save what happened to the call in the call log lists.

**Description:** The phone can indicate what happened to the call in the call log lists. The newly added senses are: Rejecting/Forwarding/Transferring incoming calls, outgoing call Rejected/Transferred/Forwarded, receiving transferred/forwarded call, and SCA group member receiving calls.

**The parameters in the auto provision template are described as follows:**

*features.calllog\_detailed\_information =*

## 9. Added the feature that you can configure LDAP for a specific handset.

**Description:** You can set LDAP on all handsets with the display name as Private LDAP, which is only visible on the handset itself. Also, you can set

the public LDAP address book on the base, which is visible on all handsets.

**The parameters in the auto provision template are described as follows:**

*handset.X.ldap.enable =*

*handset.X.ldap.name\_filter =*

*handset.X.ldap.number\_filter =*

*handset.X.ldap.host =*

*handset.X.ldap.port =*

*handset.X.ldap.base =*

*handset.X.ldap.user =*

*handset.X.ldap.password =*

*handset.X.ldap.max\_hits =*

*handset.X.ldap.name\_attr =*

*handset.X.ldap.numb\_attr =*

*handset.X.ldap.display\_name =*

*handset.X.ldap.version =*

*handset.X.ldap.call\_in\_lookup =*

*handset.X.ldap.ldap\_sort =*

*handset.X.ldap.tls\_mode =*

*handset.X.ldap.call\_out\_lookup =*

*handset.X.ldap.incoming\_call\_special\_search.enable =*

## **10. Added the feature that you can configure Remote Phone Book for a specific handset.**

**Description:** You can configure a personal remote phonebook for the handset, and each handset can be configured with up to 8 remote phonebooks.

**The parameters in the auto provision template are described as follows:**

*remote\_phonebook.assignment.enable =*  
*handset.X.remote\_phonebook\_access =*

## **11. Added the feature of matching contacts with the caller's phone number using the regular expression.**

**Description:** Incoming calls can be filtered and matched by regular expressions. Even if the number has header fields such as country code or area code, it can also be matched with contacts. Supported contacts include: Local Directory, LDAP, and Remote Phonebook.

**The parameters in the auto provision template are described as follows:**

*phone\_setting.reverse\_lookup.contact\_list.replace.pattern =*  
*phone\_setting.reverse\_lookup.contact\_list.replace.with =*  
*phone\_setting.reverse\_lookup.incoming\_call.replace.pattern =*  
*phone\_setting.reverse\_lookup.incoming\_call.replace.with =*

## **12. Added the feature that you can configure the sorting mode in the search results.**

**Description:** The phone supports front search and fuzzy search combination of contact search method. The results of front search are displayed first, then displayed the results of fuzzy search

**The parameters in the auto provision template are described as follows:**

*directory.containing\_search.additional\_sorting\_mode =*

## **13. Added the feature of XML Browser.**

**Description:** You can implement personalized functions according to your needs, such as custom text format menu item lists, text prompts, user input, etc. Currently, W60B supports Object types as following:

**TextMenu:** The menu list in text format is equivalent to entering the directory interface and selecting a menu item to enter the corresponding address.

**TextScreen:** Display text prompt, that is, directly enter a text interface, you can directly view the content. Display text prompt, that is directly enter a text interface. You can directly view the content.

**InputScreen:** User input is equivalent to the interface for registering an account.

**Customizable Softkeys:** Customize the Softkey in the Xml Object.

**The parameters in the auto provision template are described as follows:**

*custom.handset.defined\_left\_key.type =*  
*custom.handset.defined\_right\_key.type =*  
*custom.handset.defined\_direction\_left\_key.type =*  
*custom.handset.defined\_direction\_right\_key.type =*  
*custom.handset.defined\_direction\_up\_key.type =*  
*custom.handset.defined\_direction\_down\_key.type =*  
*custom.handset.defined\_left\_key.xml\_url =*  
*custom.handset.defined\_right\_key.xml\_url =*  
*custom.handset.defined\_direction\_left\_key.xml\_url =*  
*custom.handset.defined\_direction\_right\_key.xml\_url =*  
*custom.handset.defined\_direction\_up\_key.xml\_url =*  
*custom.handset.defined\_direction\_down\_key.xml\_url =*

#### **14. Added the feature of XML PhoneBook.**

**Description:** You can get contacts through real-time search after adding a new contact type of XML Phonebook.

**The parameters in the auto provision template are described as follows:**

*xml\_phonebook.data.X.url =*  
*xml\_phonebook.data.X.name =*  
*xml\_phonebook.data.X.username =*  
*xml\_phonebook.data.X.password =*  
*xml\_phonebook.data.max\_hits =*  
*custom.handset.defined\_left\_key.type =*  
*custom.handset.defined\_right\_key.type =*  
*custom.handset.defined\_direction\_left\_key.type =*  
*custom.handset.defined\_direction\_right\_key.type =*  
*custom.handset.defined\_direction\_up\_key.type =*  
*custom.handset.defined\_direction\_down\_key.type =*

## 15. Added the feature of DND for Ignoring Paging Call.

**Description:** You can use the Ignore DND feature to define the lowest priority of paging group from which the phone can receive an urgent paging call when DND is activated.

**The parameters in the auto provision template are described as follows:**

*multicast.receive.ignore\_dnd.priority =*

## 16. Added the feature of Silent Charging.

**Description:** You can enter silent mode when charging the handset. When you exit charging, the handset restores the previous volume. Supported devices include W53H, W56H, W59R, CP930W.

**The parameters in the auto provision template are described as follows:**

*custom.handset.silent\_charging =*

## 17. Added the feature of Action URI.

**Description:** You can perform the specified action (for example, reboot, reset) by receiving and handling an HTTP or HTTPS GET request or accept a SIP NOTIFY message with the “Event: ACTION-URI” header from a SIP proxy server.

**The parameters in the auto provision template are described as follows:**

*features.action\_uri.enable =*

*features.action\_uri\_limit\_ip =*

*push\_xml.sip\_notify =*

## **18. Added the feature of Ribbon SCA on the Kandy server.**

**Description:** The SCA relationship is established between the handset accounts through the SCA feature of the server. Each handset SCA line shares the line status. The line status should be displayed in the lower-right corner of the handset screen in real time, and the SCA line can be used normally to call and answer. The phone supports Barge In/Hold/Retrieve feature of SCA account. If the call is put on public hold, you can use any handset to retrieve it.

**The parameters in the auto provision template are described as follows:**

*account.X.sip\_server\_type =*

*account.X.shared\_line =*

## **19. Added the feature of Ribbon MADN-SCA (Multiple appearance directory number—single call appearance).**

**Description:** The SCA relationship is established between the handset accounts through the SCA feature of the server. Each handset SCA line shares the line status. The line status should be displayed in the lower-right corner of the handset screen in real time, and the SCA line can be used

normally to call and answer. The phone supports Barge In/Hold/Retrieve feature of SCA account. If the call is put on public hold, you can use any handset to retrieve it.

**The parameters in the auto provision template are described as follows:**

*account.X.sip\_server\_type =*

*account.X.shared\_line =*

## 20. Added the feature of BroadSoft Call Decline.

**Description:** You can set multiple devices to ring simultaneously when receiving an incoming call. If you reject the call on a device, the call will be rejected on other devices too.

## 21. Added the feature that you can configure DND/forward feature Synchronization for a specific account.

**Description:** The BroadSoft synchronization feature provides the capability to synchronize the status of the DND and forward features between the IP phone and the server. You can configure DND/forward feature synchronization for a specific account.

**The parameters in the auto provision template are described as follows:**

*account.X.feature\_key\_sync.enable =*

*account.X.forward.feature\_key\_sync.enable =*

*account.X.dnd.feature\_key\_sync.enable =*

## 6. Optimization Description

### 1. Optimized the feature that you can split the local conference call into individual calls during a three-way conference.

**Description:** During a three-way conference, when the conference initiator

presses the **Split** soft key, all participants will be held. The initiator can resume individual calls to talk with each participant.

**2. Optimized the feature that when the initiator of a three-party conference exits, the rest participants can still have the call.**

**Description:** You can enable the other two parties remain connected when the initiator exits the conference.

**The parameters in the auto provision template are described as follows:**

*transfer.tran\_others\_after\_conf\_enable =*

**3. Optimized the feature of Call Transfer.**

**Description:** You can enable the phone to keep the original call status after semi-attended/attended transfer is rejected by the server.

**The parameters in the auto provision template are described as follows:**

*features.transfer\_keep\_session2\_after\_failed.enable =*

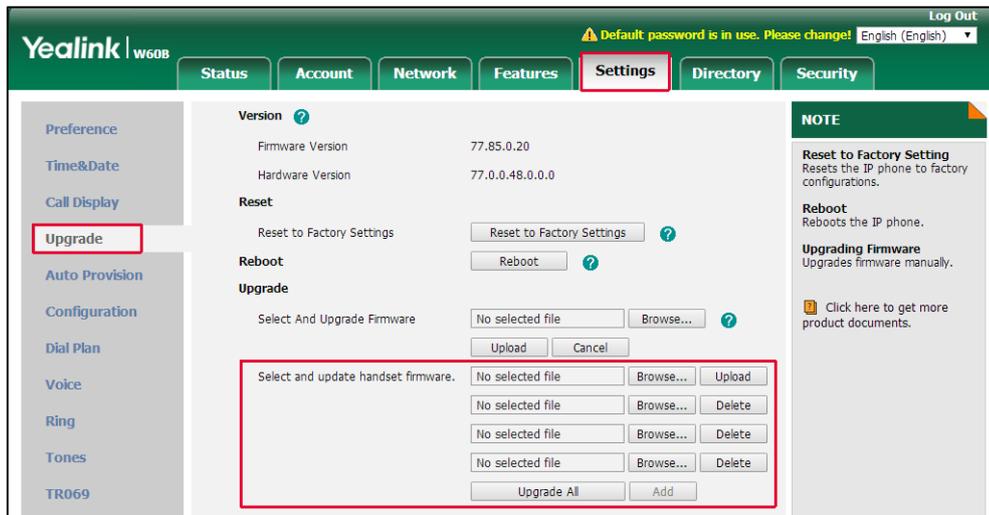
**4. Optimized the feature that you can perform a blind transfer to the third party when there are 2 calls on the phone.**

**Description:** You can perform a blind transfer to the third party by pressing the **Transfer** soft key or **TRAN** key when there are 2 calls on the phone.

The supported handsets are W53H, W56H, and W59R.

**5. Optimized the feature of upgrading 4 types of handsets via the web user interface.**

**Description:** The firmware is queued for upgrading after you import 4 different types of handset firmware.



## 6. Optimized the feature of Multicast Paging.

**Description:** The phone automatically uses the speaker as the audio device when answering incoming paging calls.

## 7. Optimized the feature of Line Status.

**Description:** You can configure the phone to hide the Line Status for the account without call out permission.

The parameters in the auto provision template are described as follows:

*phone\_setting.line\_status\_display.mode =*

*handset.X.line\_status\_display\_mode =*

## 8. Optimized the feature of CDP.

**Description:** You can configure CDP feature via the web user interface.

