

Tiptel EM40/63 User Guide

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1. Overview

1.1. Introduction



EM40



EM63

The Tiptel EM40/63 is an Expansion Module for the Tiptel3240 with large graphic LCD display, 22 programmer keys and 22 dual-color LEDs, and can be programmed to various features include BLF, BLF List, Speed Dial, Hot Desking, Record, XML Browser, Account, Call forward, Pickup, Intercom, DTMF, etc.

1.2. Features

➤ **Highlights**

- 4.3" 272x480 Graphical LCD with Backlight, 4-bit Graylevel
- Powered by tiptel3240 IP phone
- 22 Keys and 22 dual-color LEDs
- Black Acrylic Cover(EM63)

➤ **Features**

- Different icons for each function
- Multi-Languages Support
- Programmable for BLF, BLF List, Speed Dial, Hot Desking, Record, XML Browser, Account, Call forward, Pickup, Intercom, DTMF, etc
- Upgradable
- Up to 3 modules daisy-chain
- Support power by tiptel3240 IP phone
- Support 3 pages

➤ **Physical Features**

- 22 physical keys each with a dual-color LED
- 4.3" 272x480 Graphical LCD with Backlight
- 2 RJ12(6P6C) ports for data in and out
- AC Power Adapter: Input: AC 100-240V; Output: DC 5V/1A

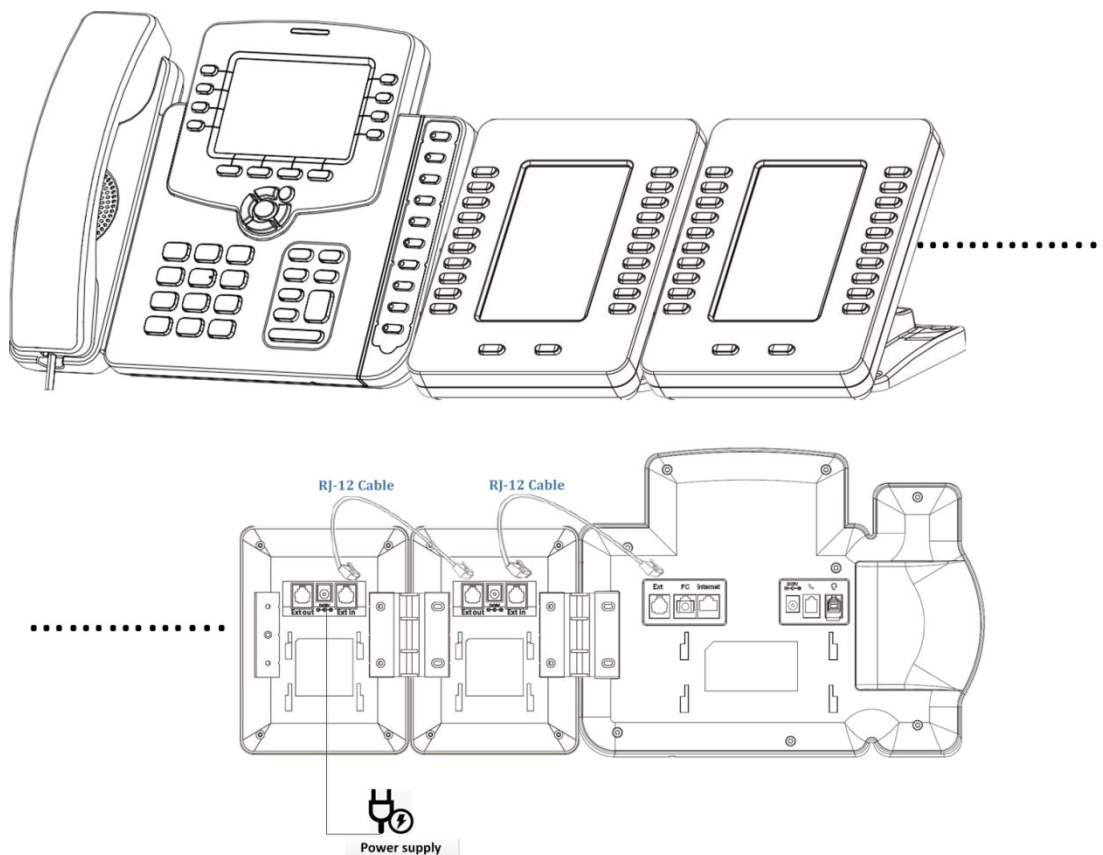
2. Installation

2.1. Check package contents

Please refer to the package list below to check the completeness of package

Name	Quantity
Tiptel EM40/63 unit	1
User Guide	1
RJ-12 Cable	1
Jointbar	1
Stand	1
Screws	4

2.2. Connection diagram

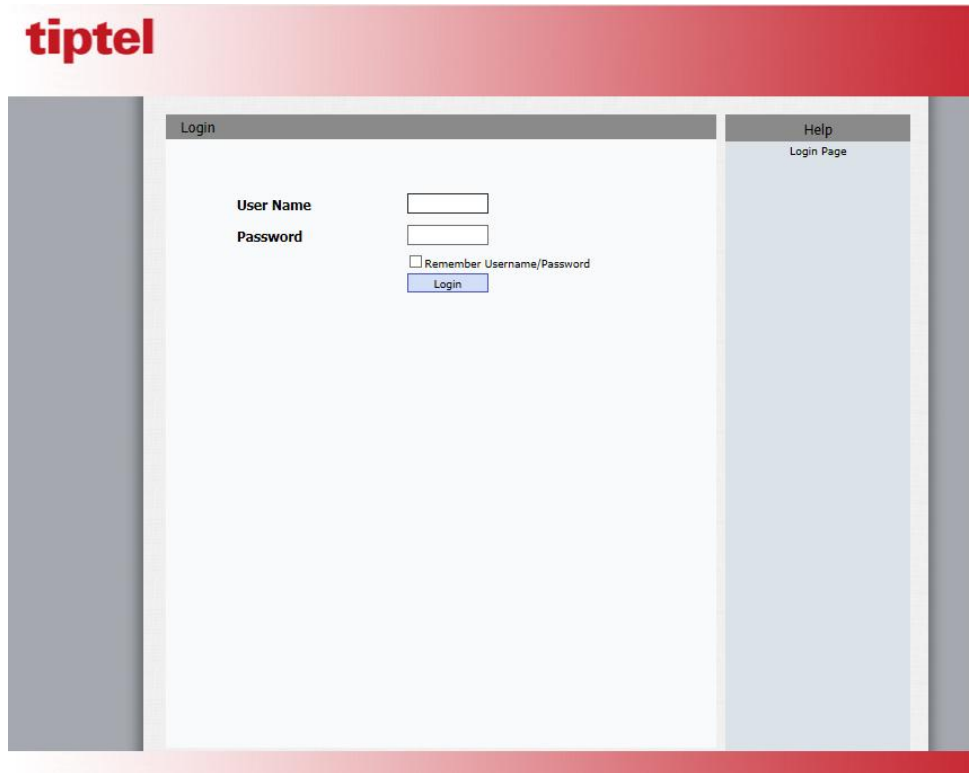


3. Configuration

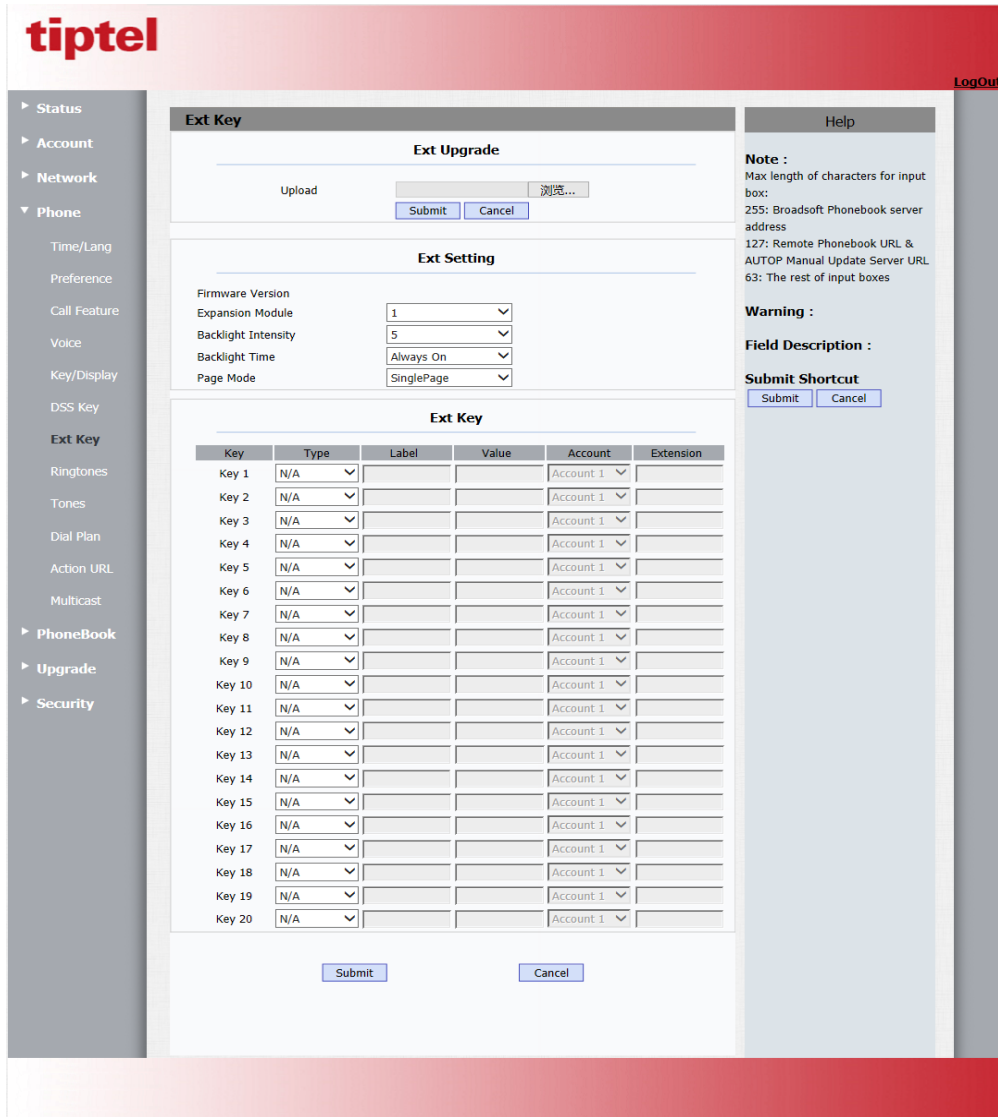
The Tiptel EM40/63 expansion module supports 20 DSS Ext keys. The only way to configure the Ext keys is to access to the web interface of the sip phone. To login the web interface, you should obtain the IP address of the IP phone in advance. Press the OK key when the phone is idle after connecting to the network, and the phone will display the IP address and some other status. Enter the IP address in the IE or other web browser on your PC, the default username and password are both admin and admin.

Note : Ensure the Tiptel EM40/63 is connected to tiptel3240 successfully via the RJ12 cable.

- Press the OK key when the phone is idle after connecting to the network.
- Type the IP address on IE, input default User Name and Password: admin/admin to login the web interface.



- Go to the path: Phone->Ext Key to see the configuration of each Ext key. .Allows user to assign specific feature to the designated Ext key. For Ext key, the available feature list: DND, Menu, MSG, Status, Book, Fwd, PickUp, Group PickUp, Intercom, Speed Dial, History, Favorites, Redial, Account, ACD, BLF, BLFList, Call Return, Hot Desking, Record, XML Browser, DTMF.



3.1. Expansion module selection

Several expansion modules can be chained together to connect to a tiptel3240 IP phone, so that you can have the many more Ext keys to use at the same time.

Up to three expansion modules can be daisy-chained to a single tiptel3240 IP phone.

Before configuring the Ext keys, you should choose the right expansion module first.

tiptel Logout

▶ Status
▶ Account
▶ Network
▼ Phone
Time/Lang
Preference
Call Feature
Voice
Key/Display
DSS Key
Ext Key
Ringtones
Tones
Dial Plan
Action URL
Multicast
▶ PhoneBook
▶ Upgrade
▶ Security

Ext Key

Ext Upgrade

Upload 浏览...
Submit Cancel

Ext Setting

Firmware Version

Expansion Module ▼

Backlight Intensity ▼

Backlight Time ▼

Page Mode ▼

Ext Key

Key	Type	Label	Value	Account	Extension
Key 1	N/A	▼		Account 1	▼
Key 2	N/A	▼		Account 1	▼
Key 3	N/A	▼		Account 1	▼
Key 4	N/A	▼		Account 1	▼
Key 5	N/A	▼		Account 1	▼
Key 6	N/A	▼		Account 1	▼
Key 7	N/A	▼		Account 1	▼
Key 8	N/A	▼		Account 1	▼
Key 9	N/A	▼		Account 1	▼
Key 10	N/A	▼		Account 1	▼
Key 11	N/A	▼		Account 1	▼
Key 12	N/A	▼		Account 1	▼
Key 13	N/A	▼		Account 1	▼
Key 14	N/A	▼		Account 1	▼
Key 15	N/A	▼		Account 1	▼
Key 16	N/A	▼		Account 1	▼
Key 17	N/A	▼		Account 1	▼
Key 18	N/A	▼		Account 1	▼
Key 19	N/A	▼		Account 1	▼
Key 20	N/A	▼		Account 1	▼

Submit Cancel

Help

Note :
Max length of characters for input box:
255: Broadsoft Phonebook server address
127: Remote Phonebook URL & AUTOP Manual Update Server URL
63: The rest of input boxes

Warning :

Field Description :

Submit Shortcut
Submit Cancel

- Go to the path: Phone->Ext Key->Expansion Module;
- Choose the designated expansion module;
- Press Submit to accept the change.

3.2. Backlight Setting

Backlight level

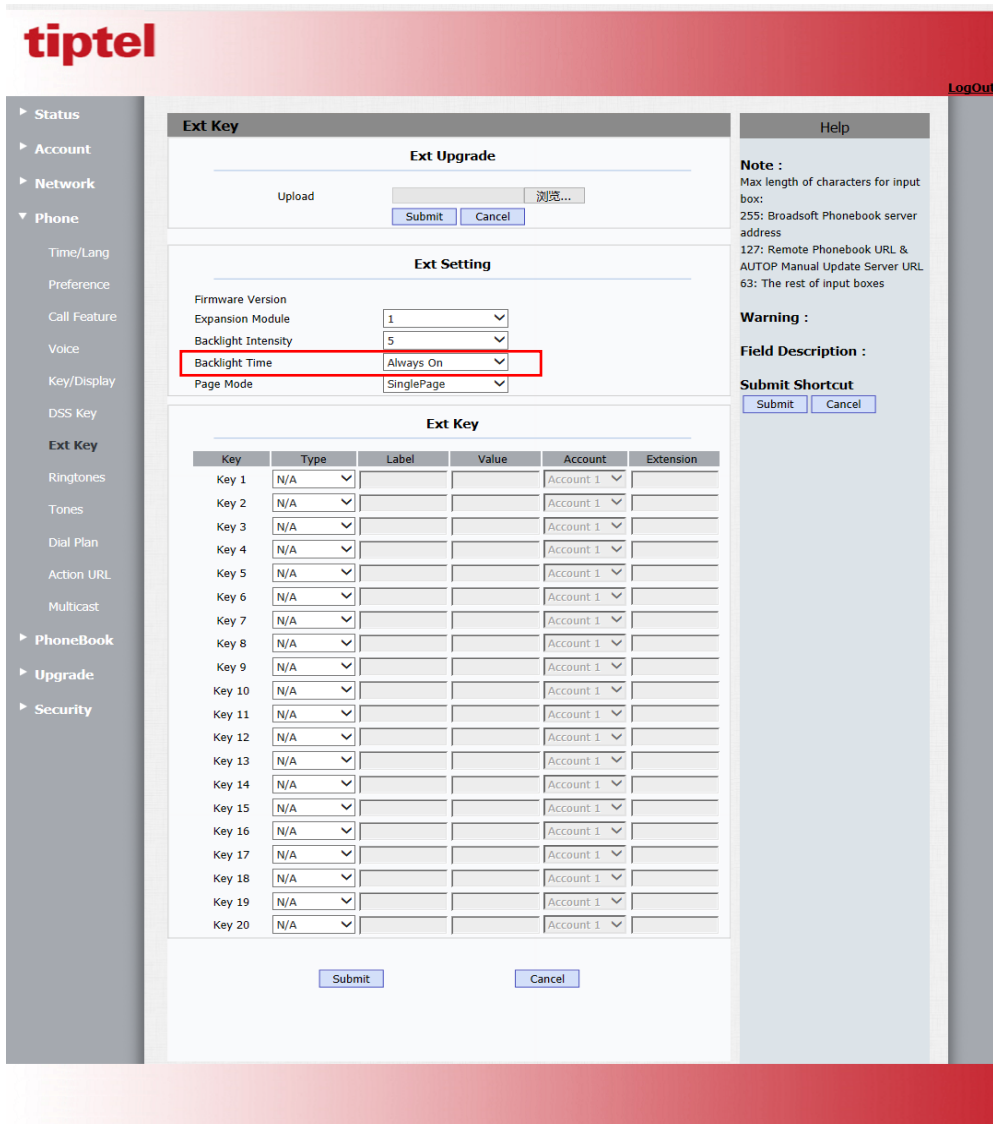
Set the screen backlight level of the expansion module. There are five levels of the backlight intensity, default is level 5.

The screenshot shows the Tiptel web interface for configuring the 'Ext Key'. The 'Backlight Intensity' dropdown menu is highlighted with a red box, showing the value '5'. The page includes sections for 'Ext Upgrade', 'Ext Setting', and a table for 'Ext Key' with columns for Key, Type, Label, Value, Account, and Extension. A sidebar on the left contains navigation options like Status, Account, Network, and Phone. A right sidebar contains help information and a warning section.

- Go to the path: Phone->Ext Key->Backlight Intensity
- Choose the backlight level;
- Press Submit to accept the change.

Backlight Duration

Set the duration of backlight of the expansion module. Default value is Always on.



- Go to the path: Phone->Ext Key->Backlight Time
- Choose the backlight time;
- Press Submit to accept the change.

Page Mode

EM40/63 Supports two types page modes: SinglePage and MultiPage. If users want to setup more features, please use MultiPage. EM40/63 supports 3 pages, SinglePage is default.

tiptel Logout

Ext Key

Ext Upgrade

Upload 浏览...

Ext Setting

Firmware Version
Expansion Module
Backlight Intensity
Backlight Time
Page Mode

Ext Key

Key	Type	Label	Value	Account	Extension
Key 1	N/A			Account 1	
Key 2	N/A			Account 1	
Key 3	N/A			Account 1	
Key 4	N/A			Account 1	
Key 5	N/A			Account 1	
Key 6	N/A			Account 1	
Key 7	N/A			Account 1	
Key 8	N/A			Account 1	
Key 9	N/A			Account 1	
Key 10	N/A			Account 1	
Key 11	N/A			Account 1	
Key 12	N/A			Account 1	
Key 13	N/A			Account 1	
Key 14	N/A			Account 1	
Key 15	N/A			Account 1	
Key 16	N/A			Account 1	
Key 17	N/A			Account 1	
Key 18	N/A			Account 1	
Key 19	N/A			Account 1	
Key 20	N/A			Account 1	

Help

Note :
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127: Remote Phonebook URL & AUTOP Manual Update Server URL
63: The rest of input boxes

Warning :

Field Description :

Submit Shortcut

- Go to the path: Phone->Ext Key->Page Mode
- Choose the Page Mode;
- Press Submit to accept the change.

3.3. Ext Key Configuration

- Go to the path: Phone->Ext Key->key

- Choose the function of each Ext key in the drop-down menu;
- Fill in the value of each item: "Label", "Value", "Extension", "Account" (Not all of items are necessary for each function)
- Press Submit to accept the change.

The screenshot shows the Tiptel web interface with the 'Ext Key' configuration page. The page is divided into several sections:

- Ext Upgrade:** Contains an 'Upload' button and a file selection button labeled '浏览...'. Below are 'Submit' and 'Cancel' buttons.
- Ext Setting:** Contains several configuration items:
 - Firmware Version: 1
 - Expansion Module: 1
 - Backlight Intensity: 5
 - Backlight Time: Always On
 - Page Mode: SinglePage
- Ext Key Table:** A table with 6 columns: Key, Type, Label, Value, Account, and Extension. It lists 20 keys (Key 1 to Key 20). Each row has a 'Type' dropdown menu set to 'N/A', and an 'Account' dropdown menu set to 'Account 1'. The 'Label', 'Value', and 'Extension' fields are empty. The table is highlighted with a red border.
- Help:** Contains a 'Note' about character limits, a 'Warning' section, and a 'Submit Shortcut' section with 'Submit' and 'Cancel' buttons.

For Example:

DND

- Go to the path: Phone->Ext Key->key
- Choose DND function of each Ext key in the drop-down menu;
- Fill in the value of Label, such as: Do not disturb
- Press Submit to accept the change.

tiptel Logout

Ext Key

Ext Upgrade

Upload 浏览...

Ext Setting

Firmware Version
Expansion Module
Backlight Intensity
Backlight Time
Page Mode

Ext Key

Key	Type	Label	Value	Account	Extension
Key 1	DND	Do not disturb		Account 1	
Key 2	N/A			Account 1	
Key 3	N/A			Account 1	
Key 4	N/A			Account 1	
Key 5	N/A			Account 1	
Key 6	N/A			Account 1	
Key 7	N/A			Account 1	
Key 8	N/A			Account 1	
Key 9	N/A			Account 1	
Key 10	N/A			Account 1	
Key 11	N/A			Account 1	
Key 12	N/A			Account 1	
Key 13	N/A			Account 1	
Key 14	N/A			Account 1	
Key 15	N/A			Account 1	
Key 16	N/A			Account 1	
Key 17	N/A			Account 1	
Key 18	N/A			Account 1	
Key 19	N/A			Account 1	
Key 20	N/A			Account 1	

Note :
Max length of characters for input box:
255: Broadsoft Phonebook server address
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63: The rest of input boxes

Warning :

Field Description :

Submit Shortcut

BLF(Busy Field Lamp)

- Go to the path: Phone->Ext Key->key
- Choose BLF function of each Ext key in the drop-down menu;
- Fill in the value of each item, such as: Label->Pick up; Value->1005; Extension->**; Account->Account1;
- Press Submit to accept the change.

- ▶ Status
- ▶ Account
- ▶ Network
- ▼ Phone
 - Time/Lang
 - Preference
 - Call Feature
 - Voice
 - Key/Display
 - DSS Key
 - Ext Key**
 - Ringtones
 - Tones
 - Dial Plan
 - Action URL
 - Multicast
- ▶ PhoneBook
- ▶ Upgrade
- ▶ Security

Ext Key

Ext Upgrade

Upload

Ext Setting

Firmware Version

Expansion Module

Backlight Intensity

Backlight Time

Page Mode

Ext Key

Key	Type	Label	Value	Account	Extension
Key 1	BLF <input type="button" value="v"/>	pick up	1005	Account 1 <input type="button" value="v"/>	**
Key 2	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 3	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 4	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 5	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 6	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 7	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 8	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 9	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 10	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 11	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 12	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 13	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 14	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 15	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 16	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 17	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 18	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 19	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	
Key 20	N/A <input type="button" value="v"/>			Account 1 <input type="button" value="v"/>	

Help

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 63: The rest of input boxes

Warning :

Field Description :

Submit Shortcut

4. Software update

To select an upgrade rom file from local side, then press Submit to access the upgrading.

Note: Please make sure it's in right file format for right model.

tiptel Logout

Ext Key

Ext Upgrade

Upload

Ext Setting

Firmware Version

Expansion Module

Backlight Intensity

Backlight Time

Page Mode

Ext Key

Key	Type	Label	Value	Account	Extension
Key 1	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 2	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 3	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 4	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 5	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 6	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 7	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 8	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 9	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 10	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 11	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 12	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 13	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 14	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 15	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 16	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 17	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 18	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 19	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>
Key 20	N/A	<input type="text"/>	<input type="text"/>	Account 1	<input type="text"/>

Help

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63: The rest of input boxes

Warning :

Field Description :

Submit Shortcut

5. Troubleshooting

Issue 1: The Tiptel EM40/63 LCD is blank

- If more than two expansion modules are connected to a tiptel3240 IP phone, ensure that at least one expansion module is plugged into a functional adapter.

Issue 2: The Tiptel EM40/63 LCD is back

- Check the backlight level of expansion module on the web interface, choose a comfortable backlight level for usage.

Issue 3: Cannot access the web interface

- Check the connection between the PC port of the device and the network port of the computer. Make sure it is fine.
- Check whether the IP address of the device is correct.
- If it is LAN, please make sure there is no IP address collision with other devices on the network.

For more information about the configuration, please refer to Tiptel 3240 IP Phone User Guide.