



Configuring Headset Auto-Answer

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This chapter describes the headset auto-answer feature in Cisco Unified Communications Manager Express (Cisco Unified CME).

Finding Feature Information in This Module

Your Cisco Unified CME version may not support all of the features documented in this module. For a list of the versions in which each feature is supported, see the [“Feature Information for Headset Auto-Answer”](#) section on page 1139.

Contents

- [Information About Headset Auto-Answer, page 1133](#)
- [How to Configure Headset Auto-Answer, page 1136](#)
- [Configuration Examples for Headset Auto-answer, page 1137](#)
- [Additional References, page 1138](#)
- [Feature Information for Headset Auto-Answer, page 1139](#)

Information About Headset Auto-Answer

To enable the Headset Auto-Answer feature, you should understand the following concepts:

- [Auto-Answering Calls Using a Headset, page 1134](#)
- [Difference Between a Line and a Button, page 1134](#)

Auto-Answering Calls Using a Headset

In Cisco Unified CME 4.0 and later versions you can configure lines on specific phones to automatically connect to incoming calls when the headset key is activated. The phone cannot be busy with an active call and the headset key must be engaged to automatically answer calls. Incoming calls are automatically answered one by one on the phone as long as the headset light remains lit. For each ephone, you can specify one or more lines for headset auto-answer.

After a phone is configured for headset auto-answer, the phone user must press the headset key to start auto-answer. The headset light is lit to indicate that auto-answer is active for the lines that are designated in the configuration. When the phone auto-answers a call, a *zip* tone is played to alert the phone user that a call is present. To stop auto-answer, the phone user presses the headset key again and the headset light goes out. At this time, the phone user can answer calls in a normal manner using the handset.

Difference Between a Line and a Button

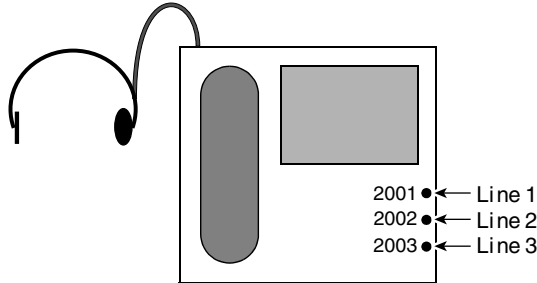
Note that a line is similar to, but not exactly the same as, a button on the phone. A line represents a phone's capability to make a call connection, so each button that can make a call connection becomes a line. (For example, unoccupied buttons or speed-dial buttons are not lines.) Note also that a line is not the same as an ephone-dn. A button with overlaid ephone-dns is only one line, regardless of whether it has several ephone-dns (extension numbers) associated with it. In most cases an ephone's line numbers do match its button numbers, but in a few cases they do not.

[Figure 59](#) illustrates a comparison of line numbers and button numbers for different types of ephone configurations.

Figure 59 When is a Line the Same as a Button?

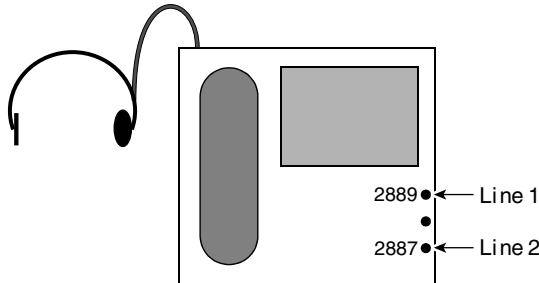
Most of the time, a line number is the same as the button number on which it appears.

In this example, line 1 is button 1, line 2 is button 2, and line 3 is button 3.



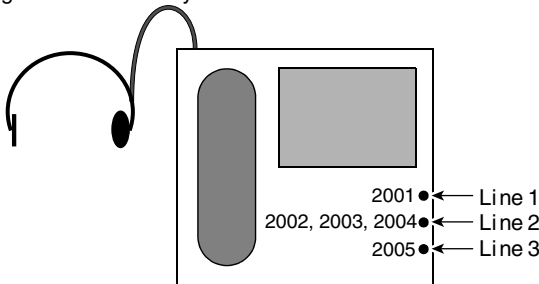
```
ephone-dn 21
  number 2001
ephone-dn 22
  number 2002
ephone-dn 23
  number 2003
ephone 2
  button 1:21 2:22 3:23
  headset auto-answer line 1
  headset auto-answer line 2
```

But not always. In the following case, line 2 is button 3, because button3 is the second button that has an ephone-dn to be connected to a phone call. Button 2 is unoccupied and cannot take calls.



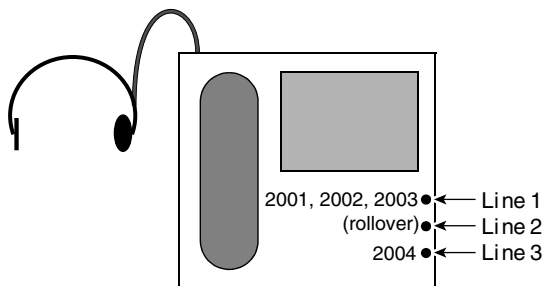
```
ephone-dn 33
  number 2889
ephone-dn 34
  number 2887
ephone 2
  button 1:33 3:34
  headset auto-answer line 1
  headset auto-answer line 2
```

In the following example, button 2 has three overlay ephone-dns (22, 23, and 24). Button 2 is defined as one line because only one of those ephone-dns can be connected to a call using this button at any one time.



```
ephone-dn 21
  number 2001
ephone-dn 22
  number 2002
ephone-dn 23
  number 2003
ephone-dn 24
  number 2004
ephone-dn 25
  number 2005
ephone 2
  button 1:21 2o22,23,24 3:25
  headset auto-answer line 2
  headset auto-answer line 3
```

An expansion, or rollover, line for overlaid ephone-dns also counts as one line. Button 2 in this example is also line 2.



```
ephone-dn 21
  number 2001
ephone-dn 22
  number 2002
ephone-dn 23
  number 2003
ephone-dn 24
  number 2004
ephone 2
  button 1o21,22,23 2x1 3:24
  headset auto-answer line 1
  headset auto-answer line 2
```

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How to Configure Headset Auto-Answer

This section contains the following tasks:

- [SCCP: Enabling Headset Auto-Answer, page 1136](#) (required)
- [Verifying Headset Auto-Answer, page 1137](#) (optional)

SCCP: Enabling Headset Auto-Answer

To enable headset auto-answer, perform the following steps.

SUMMARY STEPS

1. **enable**
2. **configure terminal**
3. **ephone** *phone-tag*
4. **headset auto-answer line** *line-number*
5. **end**

DETAILED STEPS

	Command or Action	Purpose
Step 1	enable Example: Router> enable	Enables privileged EXEC mode. <ul style="list-style-type: none"> • Enter your password if prompted.
Step 2	configure terminal Example: Router# configure terminal	Enters global configuration mode.
Step 3	ephone <i>phone-tag</i> Example: Router(config)# ephone 25	Enters ephone configuration mode. <ul style="list-style-type: none"> • <i>phone-tag</i>—Unique sequence number that identifies this ephone during configuration tasks. The maximum number of ephones for a particular Cisco Unified CME system is version- and platform-specific. For the range of values, see the CLI help.
Step 4	headset auto-answer line <i>line-number</i> Example: Router(config-ephone)# headset auto-answer line 1	Specifies a line on an ephone that will be answered automatically when the headset button is depressed. <ul style="list-style-type: none"> • <i>line-number</i>—Number of the phone line that should be automatically answered. <p>Note Repeat this command to add additional lines.</p>
Step 5	end Example: Router(config-ephone)# end	Returns to privileged EXEC mode.

Verifying Headset Auto-Answer

- Step 1** Use the **show running-config** command to verify your configuration. Headset auto-answer is listed in the ephone portion of the output.

```
Router# show running-config

ephone 1
 headset auto-answer line 1
 headset auto-answer line 2
 headset auto-answer line 3
 headset auto-answer line 4
 username "Front Desk"
 mac-address 011F.92B0.BE03
 speed-dial 1 330 label "Billing"
 type 7960 addon 1 7914
 no dnd feature-ring
 keep-conference
 button 1f40 2f41 3f42 4:30
 button 5:405 7m20 8m21 9m22
 button 10m23 11m24 12m25 13m26
 button 14m499 15:1 16m31 17f498
 button 18s500
 night-service bell
```

- Step 2** Use the **show telephony-service ephone** command to display only the ephone configuration portion of the running configuration.

Configuration Examples for Headset Auto-answer

The following example enables headset auto-answer on ephone 3 for line 1 (button 1) and line 4 (button 4).

```
ephone 3
 button 1:2 2:4 3:6 4o21,22,23,24,25
 headset auto-answer line 1
 headset auto-answer line 4
```

The following example enables headset auto-answer on ephone 17 for line 2 (button 2), which has overlaid ephone-dns, and line 3 (button 3), which is an overlay rollover line.

```
ephone 17
 button 1:2 2o21,22,23,24,25 3x2
 headset auto-answer line 2
 headset auto-answer line 3
```

The following example enables headset auto-answer on ephone 25 for line 2 (button 3) and line 3 (button 5). In this case, the button numbers do not match the line numbers because buttons 2 and 4 are not used.

```
ephone 25
 button 1:2 3:4 5:6
 headset auto-answer line 2
 headset auto-answer line 3
```

Additional References

The following sections provide references related to Cisco Unified CME features.

Related Documents

Related Topic	Document Title
Cisco Unified CME configuration	<ul style="list-style-type: none"> • Cisco Unified CME Command Reference • Cisco Unified CME Documentation Roadmap
Cisco IOS commands	<ul style="list-style-type: none"> • Cisco IOS Voice Command Reference • Cisco IOS Software Releases 12.4T Command References
Cisco IOS configuration	<ul style="list-style-type: none"> • Cisco IOS Voice Configuration Library • Cisco IOS Software Releases 12.4T Configuration Guides
Phone documentation for Cisco Unified CME	<ul style="list-style-type: none"> • User Documentation for Cisco Unified IP Phones

Technical Assistance

Description	Link
<p>The Cisco Support website provides extensive online resources, including documentation and tools for troubleshooting and resolving technical issues with Cisco products and technologies.</p> <p>To receive security and technical information about your products, you can subscribe to various services, such as the Product Alert Tool (accessed from Field Notices), the Cisco Technical Services Newsletter, and Really Simple Syndication (RSS) Feeds.</p> <p>Access to most tools on the Cisco Support website requires a Cisco.com user ID and password.</p>	http://www.cisco.com/techsupport

Feature Information for Headset Auto-Answer

Table 103 lists the features in this module and enhancements to the features by version.

To determine the correct Cisco IOS release to support a specific Cisco Unified CME version, see the *Cisco Unified CME and Cisco IOS Software Version Compatibility Matrix* at http://www.cisco.com/en/US/docs/voice_ip_comm/cucme/requirements/guide/33matrix.htm.

Use Cisco Feature Navigator to find information about platform support and software image support. Cisco Feature Navigator enables you to determine which Cisco IOS software images support a specific software release, feature set, or platform. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.



Note

Table 103 lists the Cisco Unified CME version that introduced support for a given feature. Unless noted otherwise, subsequent versions of Cisco Unified CME software also support that feature.

Table 103 *Feature Information for Headset Auto-Answer*

Feature Name	Cisco Unified CME Version	Feature Information
Headset Auto-Answer	4.0	Headset auto-answer was introduced.

