

# Supplement for Administrator Guide



## SIP Phone

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Model No. KX-HDV130  
KX-HDV230  
KX-HDV330  
KX-HDV340  
KX-HDV430

Please use this supplement manual together  
with the latest English Administrator Guide.

# 1. Add the settings

## 1.1 Add the configuration parameters

### (1) 5.3.1 System Settings

#### REMOVE\_BLF\_SIP\_ADDR\_ENABLE

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	—	11.000 or later	—	11.000 or later	11.000 or later

Value Format	BOOLEAN
Description	Specifies whether to remove "sip:" from the display on LCD when the Function (Flexible) Key is assigned to "BLF".
Value Range	•Y: Remove "sip:" •N: Not remove "sip:"  Note: This setting will be effective when the DISPLAY_CALL_KEY_ENABLE sets "Y" to display the call information on Line and BLF program/DSS keys.
Default Value	N

#### SHOW\_FWD\_ICON\_ALL\_SETTING

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	11.000 or later	11.000 or later	—	11.000 or later	11.000 or later

Value Format	BOOLEAN
Description	Specifies which "FWD" setting to display the FWD icon.
Value Range	•Y: Display the FWD icon when any FWD setting. •N: Display the FWD icon only when "FWD ALL" is set.
Default Value	Y

### (2) 5.3.11 XSI Settings

#### XSI\_NAME\_REPLACE\_RULE

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	11.000 or later	11.000 or later	—	08.100 or later	11.000 or later

Value Format	STRING
Description	Specifies the characters to make the name of the XSI Call Log the empty string. For example, if this parameter is set to "Unavailable" and the name in the XSI Call Log is "Unavailable", the name becomes the empty string. If this setting is the same as the name of the XSI Call Log, the phone number is displayed instead of the name.
Value Range	Max. 24 characters
Default Value	Empty string

### (3) 5.3.26 RTP/RTCP/RTCP-XR Settings

#### RTP\_PTME\_CHECK

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	11.190 or later	11.190 or later	11.190 or later	11.120 or later	11.190 or later

<b>Value Format</b>	BOOLEAN
<b>Description</b>	Selects whether to enable or disable checking the RTP with PTIME.
<b>Value Range</b>	•Y: Enable •N: Disable
<b>Default Value</b>	Y

### (4) 5.3.27 SRTP Settings

#### DISPLAY\_SECURITY\_CALL\_ENABLE

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	11.000 or later	11.000 or later	11.000 or later	11.000 or later	11.000 or later

<b>Value Format</b>	BOOLEAN
<b>Description</b>	Specifies the condition for displaying the privacy icon during a conversation over SRTP.
<b>Value Range</b>	•Y: TLS •N: UDP/TCP/TLS <b>Note</b> • This setting is available only when "DISPLAY_SRTP_CALL_ENABLE" is set to "Y".
<b>Default Value</b>	N

## (5) 5.3.30 Telephone Settings

### HOLD\_BY\_TRANSFER\_KEY\_ENABLE

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	11.170 or later	11.170 or later	—	—	11.170 or later

<b>Value Format</b>	BOOLEAN
<b>Description</b>	Specifies whether pressing the TRANSFER key during a call will be ignored or will automatically put the call on hold.
<b>Value Range</b>	<ul style="list-style-type: none"><li>•Y: Enable (call on hold)</li><li>•N: Disable (ignore)</li></ul> <b>Note</b> <ul style="list-style-type: none"><li>• When set to "Y", this feature will not work with calls already on hold.</li><li>• This setting is available only when "HOLD_TRANSFER_OPERATION" is set to "Y".</li></ul>
<b>Default Value</b>	N

### AFTER\_CALL\_IDLE\_TIMER

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	11.170 or later	11.170 or later	—	—	11.170 or later

<b>Value Format</b>	INTEGER
<b>Description</b>	Specifies the length of time, in seconds, to return to the idle status after calls are disconnected.
<b>Value Range</b>	<ul style="list-style-type: none"><li>•0-5</li></ul>
<b>Default Value</b>	5

### DSS\_SCREEN\_SYNC\_ENABLE

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	—	—	—	—	11.170 or later

<b>Value Format</b>	BOOLEAN
<b>Description</b>	Specifies whether to synchronize backlight of the DSS(KX-HDV20) with the terminal main LCD.
<b>Value Range</b>	<ul style="list-style-type: none"><li>•Y: Enable (synchronize)</li><li>•N: Disable (ignore)</li></ul> <b>Note</b> <ul style="list-style-type: none"><li>• This setting works only when the DSS (KX-HDV20) backlight is set auto.</li></ul>
<b>Default Value</b>	N

## (6) 5.3.34 Call Control Settings

### TELES\_CALL\_RECORDING\_ENABLE\_n

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	11.170 or later	11.170 or later	—	—	11.170 or later

Value Format	BOOLEAN
Description	Specifies whether to record the call with Neotel (Teles iPBX).
Value Range	•Y: Enable •N: Disable
Default Value	N

## 2. Change the descriptions

### 2.1 Add the notes

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	08.100 or later	08.100 or later	08.100 or later	08.100 or later	08.100 or later

#### (1) 4.5.2 SIP Settings [Line 1]–[Line n]

[Transport Protocol](#) (Page 124)

Add the following note to "Value Range".

**Note**

- If "SIP\_DNSSRV\_ENA\_NAPTR\_n" is set to "Y", match the protocol of NAPTR with the setting for Transport Protocol or SIP\_TRANSPORT\_n.

#### (2) 5.3.22 SIP Settings

[SIP\\_DNSSRV\\_ENA\\_NAPTR\\_n](#) (Page 288)

Add the following note to "Value Range".

**Note**

- If "SIP\_DNSSRV\_ENA\_NAPTR\_n" is set to "Y", match the protocol of NAPTR with the setting for Transport Protocol or SIP\_TRANSPORT\_n.

#### (3) 5.3.23 SIP-TLS Settings

[SIP\\_TRANSPORT\\_n](#) (Page 310)

Add the following note to "Value Range".

**Note**

- If "SIP\_DNSSRV\_ENA\_NAPTR\_n" is set to "Y", match the protocol of NAPTR with the setting for Transport Protocol or SIP\_TRANSPORT\_n.

#### (4) 5.3.27 SRTP Settings

### SRTP\_CALL\_MODE\_ENABLE

(For KX-HDV230/KX-HDV330/KX-HDV340/KX-HDV430) (Page 320)

Add the following note to "Value Range".

#### Note

• If "SRTP\_CALL\_MODE\_ENABLE" is set to "Y", the Incoming call log and Outgoing call log are not recorded.

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	11.000 or later	11.000 or later	11.000 or later	11.000 or later	11.000 or later

### DISPLAY\_SRTP\_CALL\_ENABLE (Page 320)

(Before)

<b>Description</b>	Selects whether an icon is displayed when the unit is using encrypted call mode (SRTP).  <b>Note</b> <ul style="list-style-type: none"><li>• If you enable displaying the encrypted call mode icon during SRTP calls, it is recommended that you set "SIP_TRANSPORT_n="2"" to encrypt the SIP packets using TLS encryption.</li></ul>
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(After)

<b>Description</b>	Selects whether an icon is displayed when the unit is using encrypted call mode (SRTP).  <b>Note</b> <ul style="list-style-type: none"><li>• If you enable displaying the encrypted call mode icon during SRTP calls, it is recommended that you set as below:<ol style="list-style-type: none"><li>(1) Set "DISPLAY_SECURITY_CALL_ENABLE" to "Y". To set the "TLS" condition for displaying the privacy icon during a conversation over SRTP.</li><li>(2) Set "SIP_TRANSPORT_n" to "2". To send by TLS transport layer protocol.</li><li>(3) Set "SIP_TLS_VERIFY_n" to "3". To do precise verification with CN check.</li></ol></li><li>• If "SIP_DNSSRV_ENA_NAPTR_n" is set to "Y", using SIP TLS for NAPTR is recommended.</li></ul>
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## 2.2 Add the Value

### (1) 4.6.4 Program Key (No. 1–2) (For KX-HDV130)

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	11.170 or later	—	—	—	—

**Type** (Page 144)

**(Before)**

<b>Value Range</b>	<ul style="list-style-type: none"><li>• One Touch Dial</li><li>• BLF</li><li>• Line</li><li>• ACD</li><li>• Wrap Up</li><li>• Call Forward</li><li>• Group Call Pickup</li></ul>
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**(After)**

<b>Value Range</b>	<ul style="list-style-type: none"><li>• One Touch Dial</li><li>• BLF</li><li>• Line</li><li>• ACD</li><li>• Wrap Up</li><li>• Call Forward</li><li>• Group Call Pickup</li><li>• <b>Prefix</b></li></ul>
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## (2) 4.6.5.1 Flexible Key Settings

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	—	11.170 or later	—	—	11.170 or later

**Type** (Page 145)

**(Before)**

<b>Value Range</b>	<ul style="list-style-type: none"> <li>• One Touch Dial</li> <li>• BLF</li> <li>• Line</li> <li>• ACD</li> <li>• Wrap Up</li> <li>• Line Status</li> <li>• Call Forward</li> <li>• Phonebook</li> <li>• Call History</li> <li>• Simultaneous Ring</li> <li>• Hoteling (Hospitality)</li> <li>• Transfer</li> <li>• Blind Transfer</li> <li>• Conference</li> <li>• Directed Call Pickup</li> <li>• Call Park</li> <li>• Call Park Retrieve</li> <li>• Group Call Pickup</li> <li>• Network Camera (For KX-HDV430)</li> <li>• Presence</li> <li>• My Phone</li> </ul>
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**(After)**

<b>Value Range</b>	<ul style="list-style-type: none"> <li>• One Touch Dial</li> <li>• BLF</li> <li>• Line</li> <li>• ACD</li> <li>• Wrap Up</li> <li>• Line Status</li> <li>• Call Forward</li> <li>• Phonebook</li> <li>• Call History</li> <li>• Simultaneous Ring</li> <li>• Hoteling (Hospitality)</li> <li>• Transfer</li> <li>• Blind Transfer</li> <li>• Conference</li> <li>• Directed Call Pickup</li> <li>• Call Park</li> <li>• Call Park Retrieve</li> <li>• Group Call Pickup</li> <li>• Network Camera (For KX-HDV430)</li> <li>• Presence</li> <li>• My Phone</li> <li>• Prefix</li> </ul>
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**(3) 4.6.10.1 DSS 1-5 Key (No. 1-200)**

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	—	11.170 or later	—	—	11.170 or later

**Type** (Page 156)

**(Before)**

<b>Value Range</b>	<ul style="list-style-type: none"> <li>• One Touch Dial</li> <li>• BLF</li> <li>• Line</li> <li>• ACD</li> <li>• Wrap Up</li> <li>• Line Status</li> <li>• Call Forward</li> <li>• Phonebook</li> <li>• Call History</li> <li>• Simultaneous Ring</li> <li>• Hoteling (Hospitality)</li> <li>• Transfer</li> <li>• Blind Transfer</li> <li>• Conference</li> <li>• Directed Call Pickup</li> <li>• Call Park</li> <li>• Call Park Retrieve</li> <li>• Group Call Pickup</li> <li>• Network Camera (For KX-HDV430)</li> <li>• Presence</li> <li>• My Phone</li> </ul>
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**(After)**

<b>Value Range</b>	<ul style="list-style-type: none"> <li>• One Touch Dial</li> <li>• BLF</li> <li>• Line</li> <li>• ACD</li> <li>• Wrap Up</li> <li>• Line Status</li> <li>• Call Forward</li> <li>• Phonebook</li> <li>• Call History</li> <li>• Simultaneous Ring</li> <li>• Hoteling (Hospitality)</li> <li>• Transfer</li> <li>• Blind Transfer</li> <li>• Conference</li> <li>• Directed Call Pickup</li> <li>• Call Park</li> <li>• Call Park Retrieve</li> <li>• Group Call Pickup</li> <li>• Network Camera (For KX-HDV430)</li> <li>• Presence</li> <li>• My Phone</li> <li>• <b>Prefix</b></li> </ul>
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#### (4) 5.3.23 SIP-TLS Settings

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	11.000 or later	11.000 or later	11.000 or later	11.000 or later	11.000 or later

#### SIP\_TLS\_VERIFY\_n (Page 311)

(Before)

Value Range	<ul style="list-style-type: none"><li>• 0: No verification</li><li>• 1: Simple verification</li><li>• 2: Precise verification</li></ul>
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(After)

Value Range	<ul style="list-style-type: none"><li>• 0: No verification</li><li>• 1: Simple verification</li><li>• 2: Precise verification</li><li>• 3: Precise verification with CN check</li></ul>
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### (5) 5.3.31 Flexible Key Settings

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	11.170 or later	11.170 or later	—	—	11.170 or later

#### **FLEX\_BUTTON\_FACILITY\_ACTx** (Page 337)

(Before)

<b>Value Range</b>	<p><b>KX-HDV130</b></p> <p>X_PANASONIC_IPTTEL_LINE,  X_PANASONIC_IPTTEL_ONETOUCH,  X_PANASONIC_IPTTEL_ACD,  X_PANASONIC_IPTTEL_WRAPUP,  X_PANASONIC_IPTTEL_BLF,  X_PANASONIC_IPTTEL_FORWARD,  X_PANASONIC_IPTTEL_CALLPARK,  X_PANASONIC_IPTTEL_APPLICATION,  X_PANASONIC_IPTTEL_GROUPPICKUP</p>
	<p><b>KX-HDV230/KX-HDV340/KX-HDV430</b></p> <p>X_PANASONIC_IPTTEL_LINE,  X_PANASONIC_IPTTEL_ONETOUCH,  X_PANASONIC_IPTTEL_ACD,  X_PANASONIC_IPTTEL_WRAPUP,  X_PANASONIC_IPTTEL_BLF,  X_PANASONIC_IPTTEL_LINESTATUS,  X_PANASONIC_IPTTEL_FORWARD,  X_PANASONIC_IPTTEL_PHONEBOOK,  X_PANASONIC_IPTTEL_CALLLOG,  X_PANASONIC_IPTTEL_PARARING,  X_PANASONIC_IPTTEL_HOTELING,  X_PANASONIC_IPTTEL_TRANSFER,  X_PANASONIC_IPTTEL_BLINDTRANSFER,  X_PANASONIC_IPTTEL_CONFERENCE,  X_PANASONIC_IPTTEL_DIRECTPICKUP,  X_PANASONIC_IPTTEL_CALLPARK,  X_PANASONIC_IPTTEL_PARKRETRIEVE,  X_PANASONIC_IPTTEL_APPLICATION,  X_PANASONIC_IPTTEL_GROUPPICKUP,  X_PANASONIC_IPTTEL_PRESENCE,  X_PANASONIC_IPTTEL_MYPHONE,  X_PANASONIC_IPTTEL_NETWORKCAMERA (For KX-HDV430)</p>

**(After)**

<b>Value Range</b>	<b>KX-HDV130</b> X_PANASONIC_IPTTEL_LINE, X_PANASONIC_IPTTEL_ONETOUCH, X_PANASONIC_IPTTEL_ACD, X_PANASONIC_IPTTEL_WRAPUP, X_PANASONIC_IPTTEL_BLF, X_PANASONIC_IPTTEL_FORWARD, X_PANASONIC_IPTTEL_CALLPARK, X_PANASONIC_IPTTEL_APPLICATION, X_PANASONIC_IPTTEL_GROUPPICKUP, <b>X_PANASONIC_IPTTEL_PREFIX</b>
	<b>KX-HDV230/KX-HDV340/KX-HDV430</b> X_PANASONIC_IPTTEL_LINE, X_PANASONIC_IPTTEL_ONETOUCH, X_PANASONIC_IPTTEL_ACD, X_PANASONIC_IPTTEL_WRAPUP, X_PANASONIC_IPTTEL_BLF, X_PANASONIC_IPTTEL_LINESTATUS, X_PANASONIC_IPTTEL_FORWARD, X_PANASONIC_IPTTEL_PHONEBOOK, X_PANASONIC_IPTTEL_CALLLOG, X_PANASONIC_IPTTEL_PARARING, X_PANASONIC_IPTTEL_HOTELING, X_PANASONIC_IPTTEL_TRANSFER, X_PANASONIC_IPTTEL_BLINDTRANSFER, X_PANASONIC_IPTTEL_CONFERENCE, X_PANASONIC_IPTTEL_DIRECTPICKUP, X_PANASONIC_IPTTEL_CALLPARK, X_PANASONIC_IPTTEL_PARKRETRIEVE, X_PANASONIC_IPTTEL_APPLICATION, X_PANASONIC_IPTTEL_GROUPPICKUP, X_PANASONIC_IPTTEL_PRESENCE, X_PANASONIC_IPTTEL_MYPHONE, X_PANASONIC_IPTTEL_NETWORKCAMERA (For KX-HDV430), <b>X_PANASONIC_IPTTEL_PREFIX</b>

**Note**

- If X\_PANASONIC\_IPTTEL\_PREFIX is set, the prefix dial number has to be set to the FLEX\_BUTTON\_FACILITY\_ARGx.

**FLEX\_BUTTON\_FACILITY\_ARGx** (Page 338)

**(Before)**

<b>Value Range</b>	Max. 32 characters (For KX-HDV130) Max. 128 characters (For KX-HDV230/KX-HDV330/KX-HDV340/KX-HDV430)
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**(After)**

<b>Value Range</b>	Max. 32 characters (For KX-HDV130) Max. 128 characters (For KX-HDV230/KX-HDV330/KX-HDV340/KX-HDV430) <b>Depending on the ACT, the character number limit may be changed (ex. Telephone number).</b>
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## (6) 5.3.32 DSS Key Settings (For KX-HDV230/KX-HDV330/KX-HDV340/KX-HDV430)

	HDV130	HDV230	HDV330	HDV340	HDV430
Software Ver.	—	11.170 or later	—	—	11.170 or later

### DSS\_BUTTON\_FACILITY\_ACTx (Page 340)

(Before)

<b>Value Range</b>	X_PANASONIC_IPTTEL_LINE, X_PANASONIC_IPTTEL_ONETOUCH, X_PANASONIC_IPTTEL_ACD, X_PANASONIC_IPTTEL_WRAPUP, X_PANASONIC_IPTTEL_BLF, X_PANASONIC_IPTTEL_LINESTATUS, X_PANASONIC_IPTTEL_FORWARD, X_PANASONIC_IPTTEL_PHONEBOOK, X_PANASONIC_IPTTEL_CALLLOG, X_PANASONIC_IPTTEL_PARARING, X_PANASONIC_IPTTEL_HOTELING, X_PANASONIC_IPTTEL_TRANSFER, X_PANASONIC_IPTTEL_BLINDTRANSFER, X_PANASONIC_IPTTEL_CONFERENCE, X_PANASONIC_IPTTEL_DIRECTPICKUP, X_PANASONIC_IPTTEL_CALLPARK, X_PANASONIC_IPTTEL_PARKRETRIEVE, X_PANASONIC_IPTTEL_APPLICATION, X_PANASONIC_IPTTEL_GROUPPICKUP, X_PANASONIC_IPTTEL_PRESENCE, X_PANASONIC_IPTTEL_MYPHONE, X_PANASONIC_IPTTEL_NETWORKCAMERA (For KX-HDV430)
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(After)

<b>Value Range</b>	X_PANASONIC_IPTTEL_LINE, X_PANASONIC_IPTTEL_ONETOUCH, X_PANASONIC_IPTTEL_ACD, X_PANASONIC_IPTTEL_WRAPUP, X_PANASONIC_IPTTEL_BLF, X_PANASONIC_IPTTEL_LINESTATUS, X_PANASONIC_IPTTEL_FORWARD, X_PANASONIC_IPTTEL_PHONEBOOK, X_PANASONIC_IPTTEL_CALLLOG, X_PANASONIC_IPTTEL_PARARING, X_PANASONIC_IPTTEL_HOTELING, X_PANASONIC_IPTTEL_TRANSFER, X_PANASONIC_IPTTEL_BLINDTRANSFER, X_PANASONIC_IPTTEL_CONFERENCE, X_PANASONIC_IPTTEL_DIRECTPICKUP, X_PANASONIC_IPTTEL_CALLPARK, X_PANASONIC_IPTTEL_PARKRETRIEVE, X_PANASONIC_IPTTEL_APPLICATION, X_PANASONIC_IPTTEL_GROUPPICKUP, X_PANASONIC_IPTTEL_PRESENCE, X_PANASONIC_IPTTEL_MYPHONE, X_PANASONIC_IPTTEL_NETWORKCAMERA (For KX-HDV430), <b>X_PANASONIC_IPTTEL_PREFIX</b>
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#### Note

- If X\_PANASONIC\_IPTTEL\_PREFIX is set, the prefix dial number has to be set to the DSS\_BUTTON\_FACILITY\_ARGx.

## (7) 6.3.2 Settings using Configuration File Programming

	HDV130	HDV230	HDV330	HDV340	HDV430
<b>Software Ver.</b>	11.170 or later	11.170 or later	—	—	11.170 or later
<b>Parameter 1</b>			<b>Parameter 2</b>		
X_PANASONIC_IPTTEL_PREFIX			Prefix dial number (Max. 32 characters)		

## 2.3 Change the Description

### (1) 5.3.1 System Settings

#### **NOTIFY\_VOICEMAIL\_LED\_ENABLE** (Page 197)

**(Before)**

Description	Specifies whether the LED is used to indicate a <b>missed call</b> .
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**(After)**

Description	Specifies whether the LED is used to indicate a <b>new voice message</b> .
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### (2) 5.3.22 SIP Settings

#### **SIP\_PASS\_n** (Page 289)

	HDV130	HDV230	HDV330	HDV340	HDV430
<b>Software Ver.</b>	11.190 or later	11.190 or later	11.190 or later	11.120 or later	11.190 or later

**(Before)**

Value Range	Max. 128 characters ( <b>except ", &amp;, ', :, &lt;, &gt;, and space</b> )
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**(After)**

Value Range	Max. 128 characters
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#### **TRANSFER\_RECALL\_TIM** (Page 302)

**(Before)**

Description	Specifies the time that the original call is resumed when the forwarding party does not response by Refer method for call transfer.
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**(After)**

Description	Specifies the time, in seconds, in which a transferred call will recall when the SIP server does not reply to SIP REFER message.
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