LG
Life's Good

OWNER'S MANUAL

Video Call Camera

Please read this manual carefully before operating your set and retain it for future reference.

AN-VC100

M004

www.lg.com

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Product Handling

- Do not let the camera get wet. Liquid getting into the camera could cause a short circuit.
- Wipe the camera gently with a dry cloth to remove any dust or dirt. If the product is very dirty, spray a mild detergent on the cloth first.
- Do not clean with thinner, alcohol, benzene or any other volatile agent.
  These may damage the product's surface or affect its operation.
- Do not disassemble, repair or alter the product. Incorrect disassembly may cause a fire, electric shock, or injury.
- Do not shake the camera.
- Do not pull on the cable.

Installation Instructions

- Make sure you have enough space for connections when installing the product.
- Do not install in a dusty, dirty or moist area.
- Do not install in direct sunlight or near a heat source.
- Magnetic objects, such as speakers, may interfere with the camera's operation.
- Install the product in a place with moderate temperature and humidity. The recommended temperature range is 0 °C (32 °F) to 40 °C (104 °F).
- Strong electromagnetic waves from other devices could interfere with the camera's operation.
- Remove all the protective plastic bags (Vinyl) before use.

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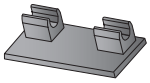
The AN-VC100 is a Video Call Camera that can be used with some LG TVs.
The following model lines are supported:
LED LCD / LCD TV: LEX, LX, LE8, LE7, LE59, LE58, LE56, LE55, LE54, LD8, LD7, LD6, and LD5 series
PDP TV: PX9, PK9, PK7, and PK5 series
(*every model line listed is not available in every country).

PREPARATION

ACCESSORIES



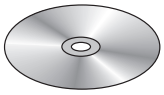
Video Call Camera



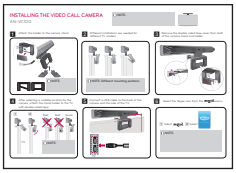
Stand Holder



USB Cable



Owner's manual

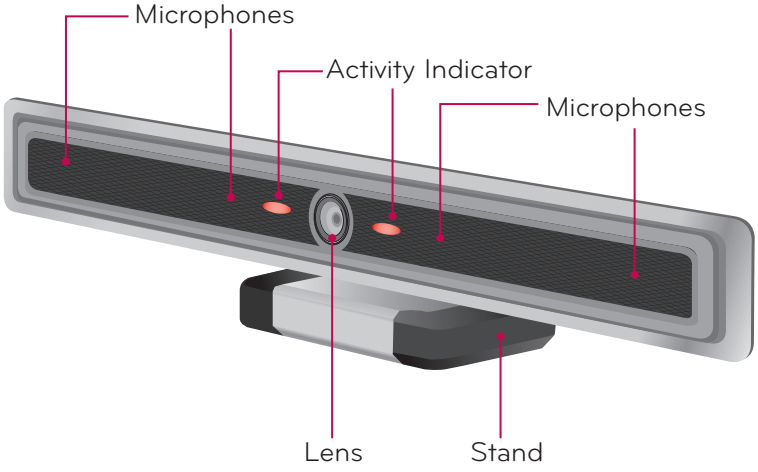


Quick Start Guide



Double-sided tape x2

OVERVIEW



NOTE:

- For best results when using a external speakers on your TV, only use the front right/left (stereo) speakers when using Skype.
- When making a video call with Skype using a PC, the Skype software version for Windows should be 4.2 or newer. (Visit the Skype homepage (www.skype.com) for operating systems other than Windows, e.g. OS X, Linux, etc.)



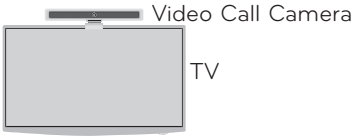
No emergency calls on Skype

Skype is not a replacement for your ordinary telephone and can't be used for emergency calling.

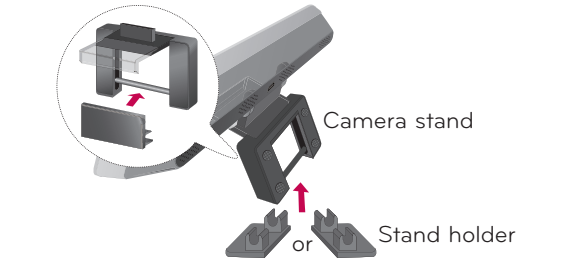
INSTALLING THE VIDEO CALL CAMERA

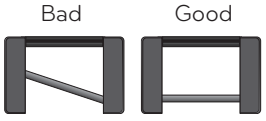
NOTE:

▶ For the best quality video and audio outputs, install the camera on the top-center of your TV.



1 Attach the holder to the camera stand.

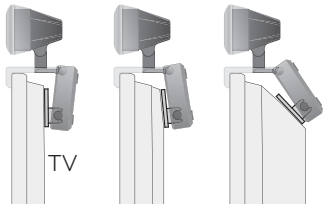




NOTE:

▶ Stand shaft must be installed horizontally.

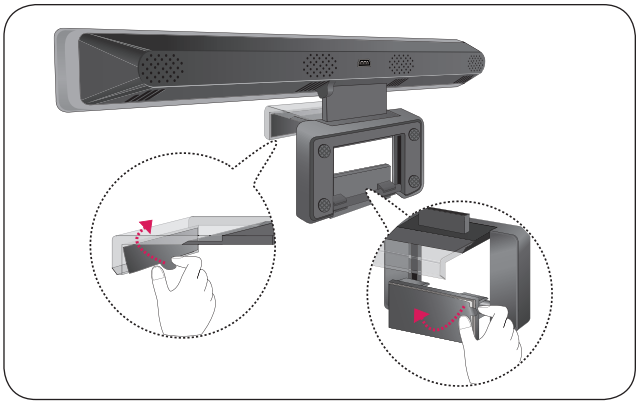
2 Different installations are needed for different TV models.



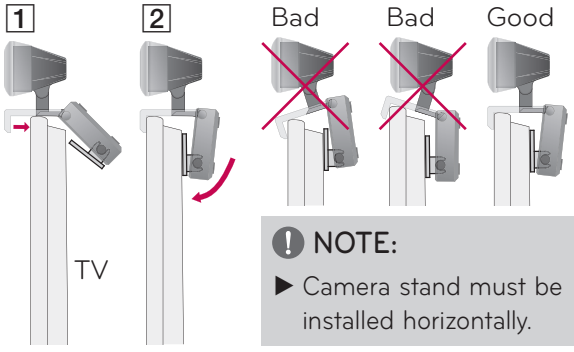
NOTE: Different mounting positions

▶ Tilt angle should be no more than 10 degrees downward and 30 degrees upward.

3 Remove the double sided tape cover from both of the camera stand and holder.



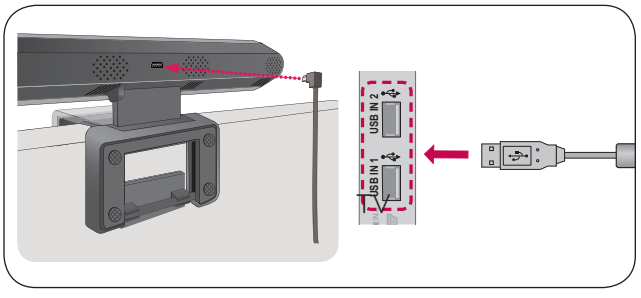
4 After selecting a suitable location for the camera, attach the stand holder to the TV with double-sided tape.



NOTE:

▶ Camera stand must be installed horizontally.

5 Connect a USB cable to the back of the camera and the side of the TV.



NOTE

▶ Set up with television switched off.

▶ Any objects located within 1.2 m (47 inches) of the Video Call Camera may not be in focus.

▶ When using external speakers, allow sufficient space between the microphones and the speakers.

▶ After setting up the camera, do not bend the stand forward or back more than necessary.

USING Skype

START Skype

1 Select .

2 or Start **Skype**.

NOTE:

▶ Skype must be connected to a network to operate.

CREATE ACCOUNT / SIGN IN



After selecting the Skype icon from the NetCast menu, enter your Skype name and password. Choose "Sign me in when Skype starts" to sign in automatically when the TV is switched on.

NOTE:

▶ If you do not have a Skype account, press the **RED** button on the remote control to create an account.



This screen will appear if you choose to create an account.

ENTER or OK : Select a menu.

BACK : Return to the previous screen.

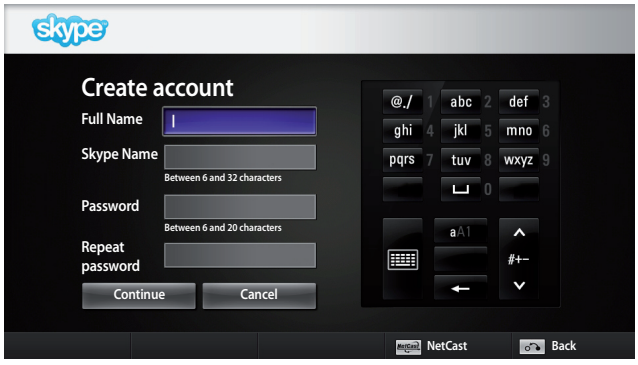
: Return to NetCast menu.

NOTE:

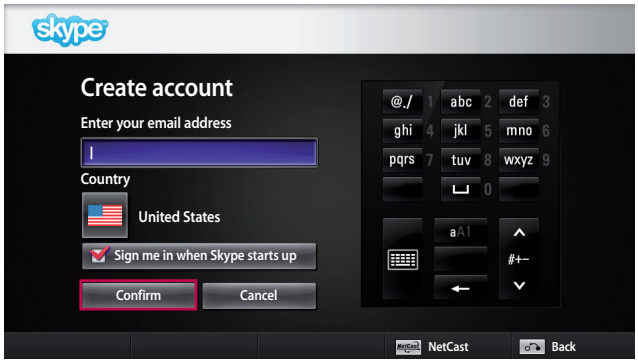
▶ For more details about the Skype service, click the item you want to read.
1. Terms of Service
2. End User License Agreement
3. Skype Privacy Policy

▶ These may be changed without user notification. You can check the latest information at www.skype.com/tos, www.skype.com/eula or www.skype.com/privacy.

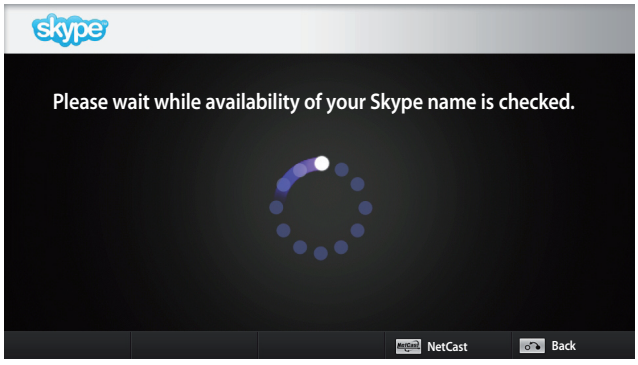
CREATE ACCOUNT / SIGN IN (CONTINUED)



Type your full name. A Skype name is then automatically Suggested.



Type in your email address. Select your country, then press "**Confirm**".



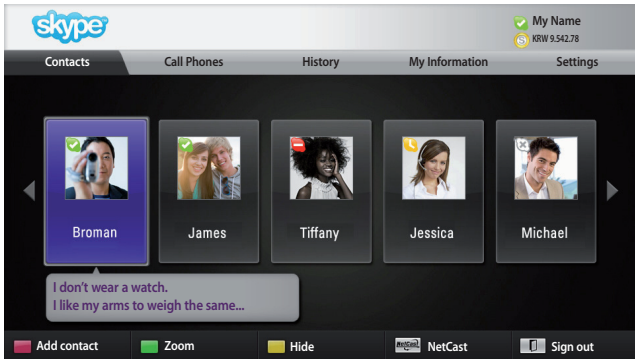
This screen checks whether your Skype name is available.

If it is not available, you can choose your Skype name from the list of suggestions. You can also enter a new name after you click on the "**Different Skype name**" menu.



If the Skype name is available, "**Welcome to Skype**" will appear.

Skype MENU



Contacts

This is a list of registered contacts. For more details about how to make a call, refer to pages 10 and 11.

NOTE:

- The maximum number of contacts that can be stored is limited by the storage capacity.
- If there are more than 500 contacts, the list's performance and stability may be affected.
- Contacts can be arranged in alphabetical order.



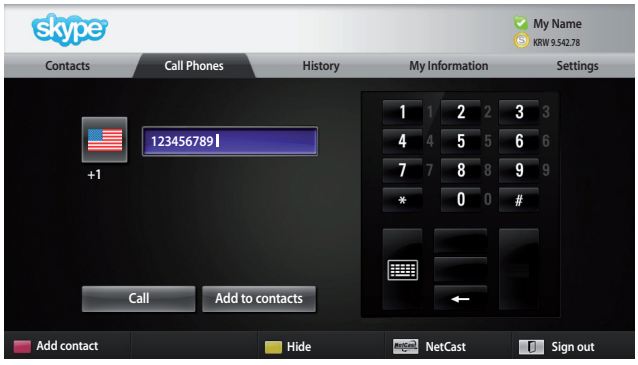
Add Contact

When pressing the **RED** button on the remote control while on the contact list, the following screen appears. This allows you to search or add users.

Press the "**Find**" button to start a search, or press the "**Cancel**" button to return to the previous menu.

NOTE:

- Search results will be in alphabetical order.



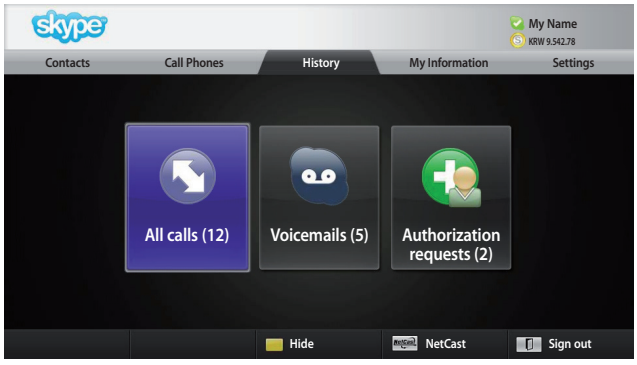
Call Phones

Select the country you would like to call and enter a phone number. Now select "**Call**".

NOTE:

- To use Call Phones, you will need **Skype Credit**. For more details, visit the Skype homepage (www.skype.com).

Skype MENU (CONTINUED)



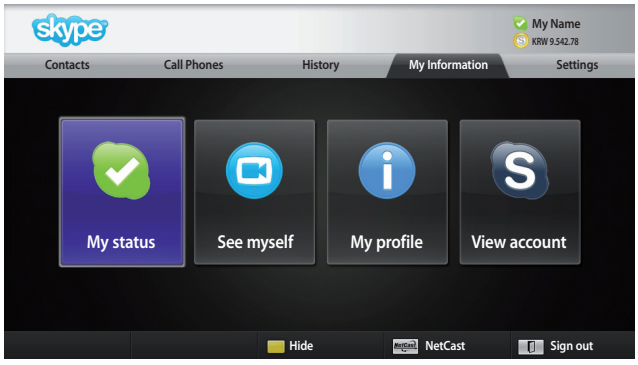
History

This lists All calls/Voicemails/Authorization requests.

By selecting 'All calls,' you can check your Incoming/outgoing/missed calls.

You can check the received event list by selecting 'Voicemails' or 'Authorization requests'.

The numbers on the right side of each item indicate the number of unchecked items.

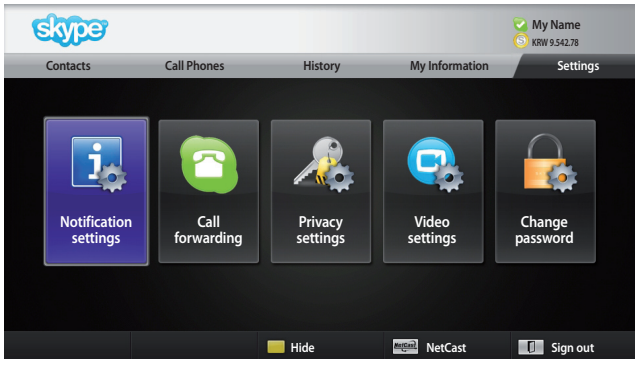


My Information

The information menu consists of 'My status', 'See myself', 'My profile' and 'View account'.

NOTE:

▶ The maximum number of photos that can be saved using Snapshot is limited.



Settings

The settings menu includes 'Notification settings', 'Call forwarding','Privacy settings','Video settings' and 'Change password'.

NOTE:

▶ It may take several minutes for applying the new setting value.

MAKE A VIDEO CALL TO THE CONTACT



Select a contact from your contact list.
Press the "**Video call**" button.

NOTE:

- It can take from a few seconds to several minutes for a call to be connected to the party.
- It is not able to support more than two lines at the same time.



1. **End call** : Ends the call.
2. **Hold call** : Holds the call until the "**Resume call**" button is pressed.
3. **Stop my video** : Your video disappears, and the connected party cannot watch it either.
4. **Screen mode** : Changes video window.
5. **Camera zoom in/out** : Zooms the video in or out.
6. **Mute microphone** : Mutes the microphone, and the connected party cannot hear your voice either.
7. **Call quality information** : Video quality will be affected by network conditions.

- **Critical**: Very slow internet access.
- **Low** : Slow internet access.
- **Normal**: Fast internet access.



MAKE A CALL (VOICE ONLY) TO A CONTACT



Select a contact from your contact list.
Press the "**Call**" button.
Once a contact's phone number is registered, you can select among the contact's Skype name and phone numbers.

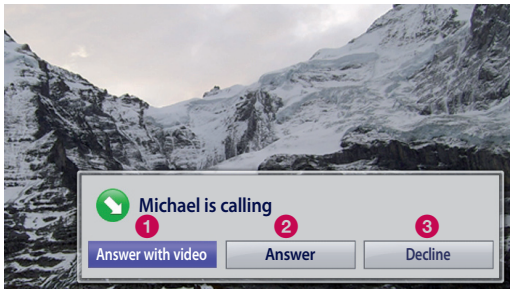
NOTE:

▶ It can take from a few seconds to several minutes for a call to be connected to the party.



1. **End call** : Ends the call.
2. **Hold call** : Holds the call until the "**Resume call**" button is pressed.
3. **Start my video** : Shares your video with the connected party.
4. **Display dial pad** : Opens a numerical keypad.
5. **Mute microphone** : Mutes your audio. The connected party can not hear your audio.

RECEIVING A CALL



When someone calls while you are watching TV, a message appears on the bottom right of the screen.

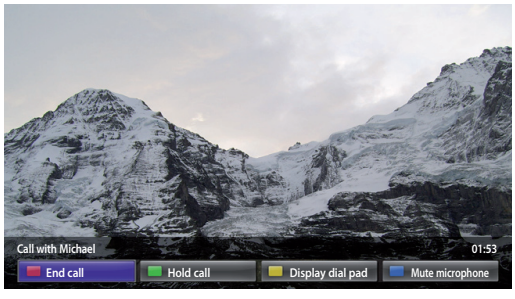
1. **Answer with video** : Receive the call with video (stops the TV).
2. **Answer** : Receive the call while continuing to watch TV.
3. **Decline** : Do not receive the call, and continue watching TV.

NOTE:

▶ Set your status to "do not disturb" to prevent Skype pop-ups.

▶ If the incoming call is a conference call, the "Answer with Video" option is not available.

CALL WHEN WATCHING TV



When someone calls while you are watching TV, pressing "**Answer**" will mute the TV audio but will not interrupt the video. After the call is finished, the TV audio will automatically come back on.

APPENDIX

TROUBLESHOOTING

For the problems listed below	Check the following areas
If Skype doesn't start	■ Check the connection status between the Video Call Camera, USB Cable and TV USB port. ■ Check the network connection status.
If the Notification Window is not displayed when a call is received	■ Check 'My status' is "Do Not Disturb". ■ When using certain TV functions, an incoming call cannot be received (e.g. during a software update, etc.). ■ Check 'Privacy Settings' is "Allow calls from people in my contact list only".
If there is a problem with echo. (When you can hear your own voice back through the speakers)	■ Position the Video Call Camera at the top-center of your TV. ■ Change the home theater audio setting to stereo rather than surround. ■ Reduce the speaker volume. ■ When the other party is calling using a device other than an LG TV, we recommend using a headset. ■ The quality of audio sound could be decreased in echoic space. ■ Test microphone using the 'Echo / Sound Test Service'.
If the video is disconnected or low quality	■ Internet or network congestion can degrade video quality. ■ Using wireless can also degrade video quality. We recommend using a wired internet connection. ■ Screen quality can decrease when using Zoom-In. We recommend you use minimum zoom during video calls. ■ Check 'Call quality information' is "critical" (see page 10). In this case, video quality would be degraded.
If the call disconnects suddenly	■ When certain TV functions are activated, the call may be disconnected. (e.g. Sleep timer, etc.) ■ Do not unplug the Video Call Camera during a call.
If the Skype menu does not appear on the NetCast menu	■ Check whether your TV supports the Video Call Camera (see page 2). ■ Connect the camera to your TV, then update the software. For details about how to update the software, refer to your TV manual.
etc.	■ Abnormal operation may be due to network congestion or problems with the Skype server. ■ For further inquiries about Skype functions, visit www.skype.com.

PRODUCT SPECIFICATIONS

MODELS		AN-VC100 (Video Call Camera)	
Dimensions (Width x Height x Depth)		250.0 mm x 48.3 mm x 40.3 mm (9.84 inch x 1.90 inch x 1.59 inch)	
Weight		168 g (0.37 lb)	
Video	Lens	Focus	Fixed
		Field of Vision	50° ± 5%
	Effective pixels	Up to 1600 x 1200	
	Output format	H.264 (up to VGA@30fps)	
		MJPEG (up to QVGA@15fps)	
Audio	Microphone	Uni-directional quad array microphones	
	Sensitivity	-37dB ± 3dB	
	SNR	> 68dB	
Interface		USB 2.0 with 1.5 m (59 inch) cable	
Environmental conditions	Operating Temperature Operating Humidity	0 °C to 40 °C (32 °F to 104 °F) Less than 80%	
	Storage Temperature Storage Humidity	-20 °C to 60 °C (-4 °F to 140 °F) Less than 85%	

■ The specifications shown above may be altered without prior notice to improve quality.

Video calls through an LG TV cannot be made using the following devices:

■ ASUS Skype Video Phone Touch SV1TS
■ ASUS Skype Videophone Touch SV1TW
■ AIGURU_SV1 Skype Video Phone

*The list of devices that are not supported may be added to without prior notification.



Warranty period

1 year. If it proves to be defective with regards to the materials or workmanship under normal operating conditions during the warranty period, please contact the retailer where you purchased it. This warranty is only valid for the original purchaser of the product and is only effective locally.