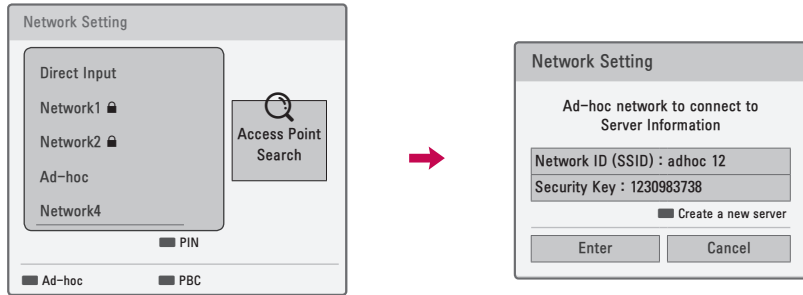


## AD-hoc Mode

AP 없이, 통신하고자 하는 기계와 직접(direct) 연결하여 통신하는 방법  
마치 크로스케이블로 2 대의 PC 를 연결하는 것과 동일함



**7**  Enter the **ad-hoc** mode.

**8**   Select **ENTER**.

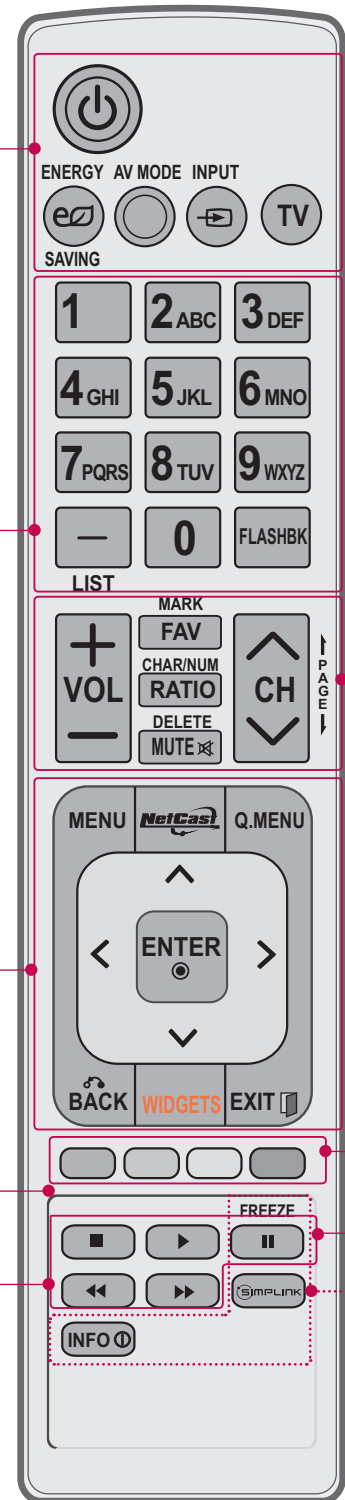
- If a network may not operate, create a new server, using the YELLOW button.

# WATCHING TV / CHANNEL CONTROL

## REMOTE CONTROL FUNCTIONS

When using the remote control, aim it at the remote control sensor on the TV.

- POWER** Turns the TV on from standby or off to standby.
  - ENERGY SAVING** Adjusts the Energy Saving setting. ▶ **p.138**
  - AV MODE** Toggles through preset Video and Audio modes. ▶ **p.64**
  - INPUT** Rotates through inputs. Also switches the TV on from standby. ▶ **p.62**
  - TV** Returns to the last TV channel.
- 
- NUMBER button**
  - (DASH)** Used to enter a program number for multiple program channels such as 2-1, 2-2, etc.
  - LIST** Displays the channel table. ▶ **p.**
  - FLASHBK** Tunes to the last channel viewed.
- 
- MENU** Displays the main menu or clears all on-screen displays and return to TV viewing.
  - NETCAST** Select the desired NETCAST menu source. (Yahoo! TV Widgets, Netflix, Vudu, YouTube, My Media etc.)
  - Q.MENU** Opens the list of Quick Menu options. ▶ **p.**
  - THUMBSTICK (Up/Down/Left Right/ENTER)** Navigates the on-screen menus and adjusts the system settings to your preference.
  - BACK** Allows the user to move return one step in an interactive application or other user interaction function.
  - WIDGETS** WIDGETS for showing or hiding the Yahoo! Dock and accessing the Yahoo! TV Widgets user experience. ▶ **p.70-77**
  - EXIT** Clears all on-screen displays and return to TV viewing.

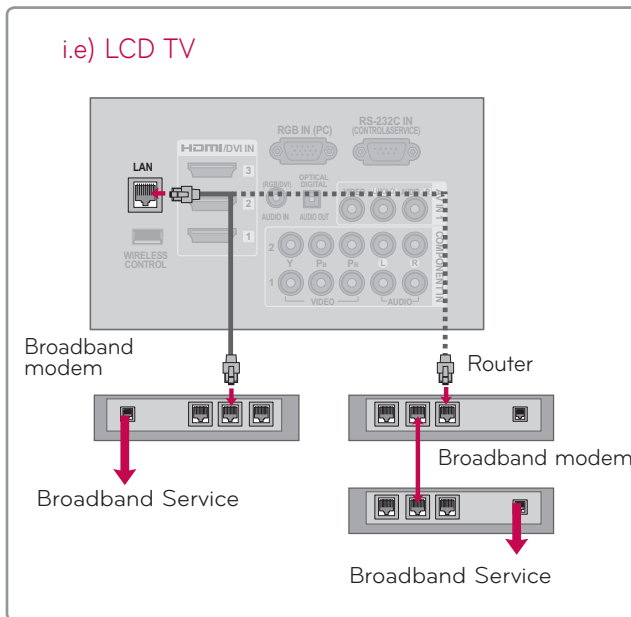



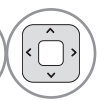


# MY MEDIA

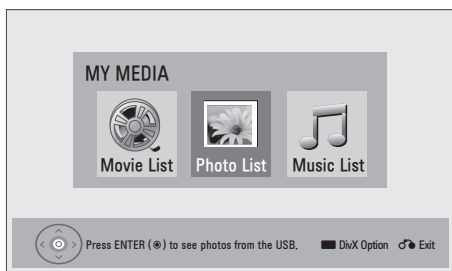
## Viewing Files on the Network

You can view the photos or listen to music files from folders shared on the network.

- 1 Set a share folder (CIFS: Common Internet File System) on the PC (Refer to P.?).
- 2 Connect the LAN port of the Modem or Router to the **LAN** port on the TV.



- 3   Select **MY MEDIA**.
- 4   Select **Movie List**, **Photo List** or **Music List**.



- ▶ Connect the PC and TV using a sharing device so that you can see the PC's shared files on the TV.
- ▶ How to set a share folder may differ depending on the Windows version.
- ▶ The speed may be slow or it may cause an error if you try to access a folder from two TVs at the same time.
- ▶ Because files could be deleted from a shared PC, set the user access level to Read Only.
- ▶ Do not share any important personal documents as it may be accessed by a different PC.
- ▶ If you rename or disable a shared folder on the PC after mounting, you cannot mount it again.
- ▶ If the status of the network or a share folder on the PC is changed, search is run again when entering the highest folder in the menu.
- ▶ A maximum of 20 of shared folders on 4 computers are supported.
- ▶ When using file sharing from a computer, it is recommended you use a wired port of the hub.
- ▶ When using the wireless port of the hub to share the file on the PC, some functions can be limited.
- ▶ Because the TV does not support the wireless function using the USB dongle, My Media function only supports the wired environment.

# DLNA

## About DLNA

This TV is a DLNA Certified digital media product that can display and play movie, photo and music content from your DLNA Certified network device and DLNA server.

The Digital Living Network Alliance (DLNA) is a cross-industry organization of consumer electronics, computing industry and mobile device companies.

Digital Living provides consumers with easy sharing of digital media through a wired or wireless network in the home.

The DLNA certification logo makes it easy to find products that comply with the DLNA Interoperability Guidelines. This unit complies with DLNA Interoperability Guidelines v1.5. When a PC running DLNA server software or other DLNA compatible device is connected to this player, some setting changes of software or other devices may be required. Please refer to the operating instructions for the software or device for more information.

### NOTE

- ▶ The supplied Nero MediaHome 4 Essentials CD-ROM is a customized software edition only for sharing files and folders to this player.
- ▶ The supplied Nero MediaHome 4 Essentials software does not support following functions: Transcoding, Remote UI, TV control, Internet services and Apple iTunes
- ▶ This manual explains operations with the English version of Nero MediaHome 4 Essentials as examples. Follow the explanation referring to the actual operations of your language version.

## Installing Nero MediaHome 4 Essentials

Nero MediaHome 4 Essentials is a software for sharing movie, music and photo files stored on your computer to this TV.

### Requirement PC system before you install Nero MediaHome 4 Essentials

- Windows® XP (Service Pack 2 or higher), Windows Vista® (no Service Pack required), Windows® XP Media Center Edition 2005 (Service Pack 2 or higher), Windows Server® 2003
- Windows Vista® 64-bit edition (application runs in 32-bit mode)
- Hard drive space: 200 MB hard drive space for a typical installation of Nero MediaHome stand-alone
- 1.2 GHz Intel® Pentium® III or AMD Sempron™ 2200+ processors
- Memory: 256 MB RAM
- Graphics card with at least 32 MB video memory, minimum resolution of 800 x 600 pixels, and 16-bit color settings
- Windows® Internet Explorer® 6.0 or higher
- DirectX® 9.0c revision 30 (August 2006) or higher
- Network environment: 100 Mb Ethernet, WLAN (IEEE 802.11b/g/n)

- 1** Start up your computer, and insert the Nero MediaHome 4 Essentials CD-ROM into your computer's CD-ROM drive.  
An installation wizard will walk you through the quick and uncomplicated installation process.
- 2** Close all Microsoft Windows programs and exit any anti-virus software that may be running.
- 3** Insert the Nero MediaHome 4 Essentials CD-ROM into your computer's CD-ROM drive.
- 4** Click **Nero MediaHome 4 Essentials**. The installation is prepared and the installation wizard appears.
- 5** Click the **Next** button to display the serial number input screen.  
Click **Next** to go to the next step.
- 6** If you accept all conditions, click **I accept the License Conditions** check box and click **Next**.  
Installation is not possible without this agreement.
- 7** Click **Typical** and click **Next**. The installation process is started.
- 8** If you want to take part in the anonymous collection of data, select the check box and click the **Next** button.
- 9** Click the **Exit** button to complete the installation.

## Sharing files and folders

You must share the folder contained movie, music and/or photo content to play them using **MY MEDIA** features.

This parts explains the procedure for selecting the shared folders on your computer:

- 1 Double-click the **Nero MediaHome 4 Essentials** icon on the desktop.
- 2 Click **Network** icon on the left and define your network name in the **Network name** field. The Network name you enter will be recognized by your player.
- 3 Click **Shares** icon on the left.
- 4 Click **Local Folders** tab on the **Shared** screen.
- 5 Click **Add** icon to open the **Browse Folder** window.
- 6 Select the folder containing the files you want to share. The selected folder is added to the list of shared folders.
- 7 Click **Start Server** icon to start the server.

### NOTE

- ▶ If the shared folders or files are not displayed on the TV, click the folder on the **Local Folders** tab and click **Rescan Folder** at the **More** button.
- ▶ Visit [www.nero.com](http://www.nero.com) for more information and software tools.

## File requirements

("jpg", "jpeg", ".png", ".avi", ".divx", ".mpg", ".mpeg", ".mp3", ".wma", ".pcm" (LPCM))

Available file extensions differ depending on the serves.

Music Files	
Sampling frequency	within 8 - 48 kHz (WMA), within 11 - 48 kHz (MP3), 44.1 and 48 kHz (LPCM)
Bit rate	Bit rate: within 8 - 320 kbps (WMA, MP3), 768Kbps and 1.536Mbps (LPCM)

Photo files	
Recommended photo size	Less than 4,000 x 3,000 x 24 bit/pixel Less than 3,000 x 3,000 x 32 bit/pixel

Movie files	
Available resolution size	1920 x1080 (W x H) pixels
Playable subtitle	SubRip (.srt / .txt), SAMI (.smi), SubStation Alpha (.ssa/.txt), MicroDVD (.sub/.txt), SubViewer 1.0 (.sub), SubViewer 2.0 (.sub/.txt), TMPlayer (.txt), DVD Subtitle System (.txt)
Playable Codec format	DIVX3.xx", "DIVX4.xx", "DIVX5.xx", "XVID", "DIVX6.xx" (Standard playback only), DIVX-HD, MPEG1 SS, MPEG2 PS, MPEG2 TS
Audio format	Dolby Digital", "DTS", "MP3", "WMA", "AAC", "AC3
Sampling frequency	within 32 - 48 kHz (WMA), within 16 - 48 kHz (MP3)
Bit rate	within 20 - 320 kbps (WMA), within 32 - 320 kbps (MP3)

### NOTE

- ▶ Maximum Files/Folder: Less than 2000 (total number of files and folders)
- ▶ The subtitle files are not displayed on the [My Media] menu.
- ▶ If there are more than 1 subtitle files at a folder, displaying priority is as follow:
  - ▶ The movie file and subtitle names are limited to 128 characters.
  - ▶ Not all the WMA and AAC Audio format is compatible with this unit.
  - ▶ The movie file encoded by the GMC (Global Motion Compensation) and Qpel (Quarter pixel) is not supported. Those are video encoding techniques in MPEG4 standard, like DivX or XVID have.

## Supported DivX file

(\*mpg/\*mpeg/\*dat/\*ts/\*trp/\*tp/\*vob/\*mp4/\*mov/\*mkv/\*divx/\*avi/\*asf/\*wmv/\*flv/\*avi(motion-jpeg)/\*mp4(motion-jpeg)/\*mkv(motion-jpeg)

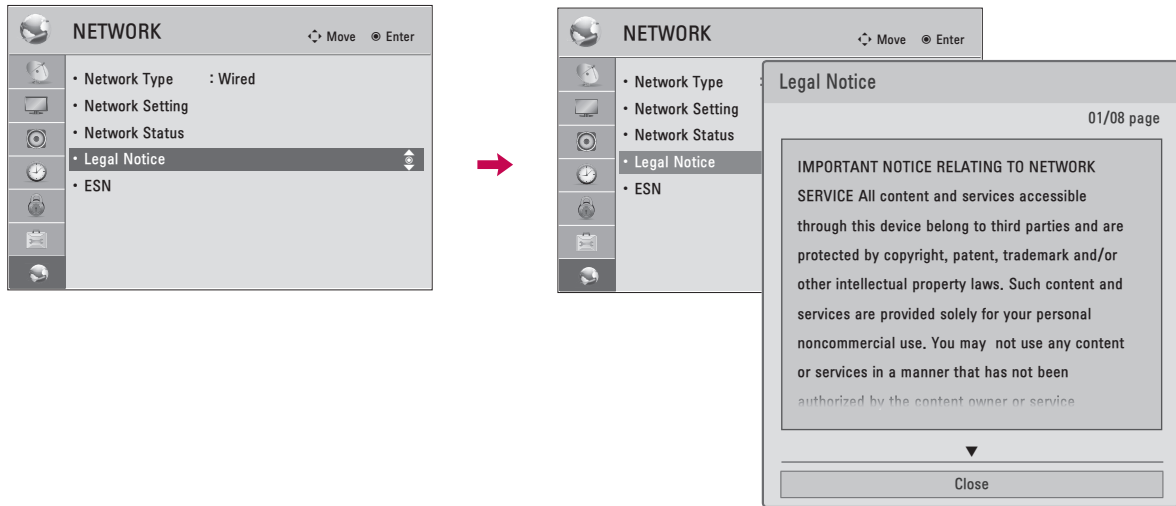
File Extension name	Video Decoder	Audio Codec	Max Resolution
mpg, mpeg	MPEG1, MPEG2	MP2, MP3, AC3, LPCM	1920x1080P @30P
dat	MPEG1	MP2	
tp, trp, ts	MPEG2, H.264, AVS, VC1	MP2,MP3,AC3,AAC,HEAAC	
vob	MPEG1, 2	MP2,MP3,AC3,LPCM	
mp4, mov	MPEG4,Divx 3.11, Divx 4.12, Divx 5.x, Divx 6, Xvid 1.00, Xvid 1.01, Xvid 1.02, Xvid 1.03, Xvid 1.10-beta1/2H.264	AAC,HEAAC,MP3	
mkv	H.264, MPEG-1,2,4	MP2,MP3,AC3,AAC HEAAC,LPCM	
divx, avi	MPEG2, MPEG4,DivX 3.11, DivX 4.DivX 5, DivX 6, Xvid 1.00, Xvid 1.01, Xvid 1.02, Xvid 1.03, Xvid 1.10-beta1/2H.264	MP2,MP3,AC3,LPCM,ADPCM ,AAC,HEAAC	
Motion JPEG (avi, mp4, mkv)	JPEG	LPCM, ADPCM	
asf, wmv	VC1	WMA	
flv	Sorenson H.263, H264	MP3, AAC	

Max bitrate of playable movie file	20Mbps (Mega bit per second)
Bit rate of audio format	within 32 - 320 kbps (MP3)
Supported external subtitle format	*.smi/*srt/*sub (MicroDVD,Subviewer1.0/2.0)/*ass/*ssa/*txt (TMPlayer)/*psb (PowerDivX)
Supported internal subtitle format	only XSUB (It is the subtitle format used in DivX6 files)









# NETWORK

## LEGAL NOTICE



NETWORK

- 1   Select **Customer Support**.
- 2   Select **Legal Notice**.
- 3  Check Legal notice.
- 4  Return to TV viewing.

## IMPORTANT NOTICE RELATING TO NETWORK SERVICE

All content and services accessible through this device belong to third parties and are protected by copyright, patent, trademark and/or other intellectual property laws. Such content and services are provided solely for your personal noncommercial use. You may not use any content or services in a manner that has not been authorized by the content owner or service provider. Without limiting the foregoing, unless expressly authorized by the applicable content owner or service provider, you may not copy, upload, post, transmit, translate, sell, modify, create derivative works, or distribute in any manner or medium any content or services displayed through this device.

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LG is neither responsible nor liable for customer service related to the content and services. Any question or request for service relating to the content or services should be made directly to the respective content and service providers.

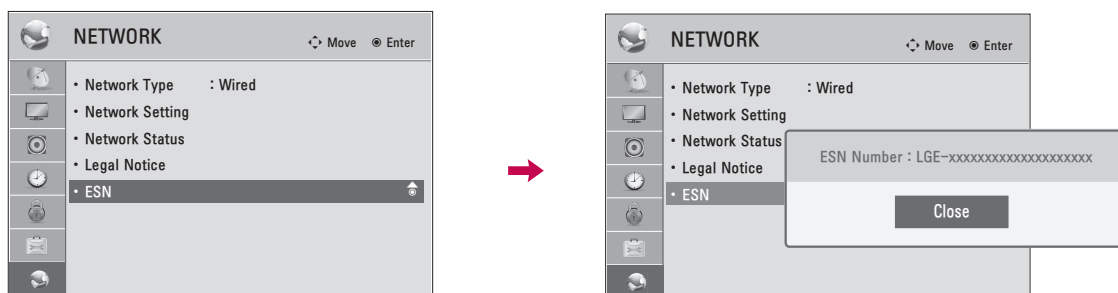
# NETWORK






## NETFLIX ESN (ELECTRONIC SERIAL NUMBER)

We provide you the Netflix ESN (Electronic Serial Number) that allows you to watch videos using the Netflix website.

For more information, please visit: [www.netflix.com](http://www.netflix.com)

NETWORK



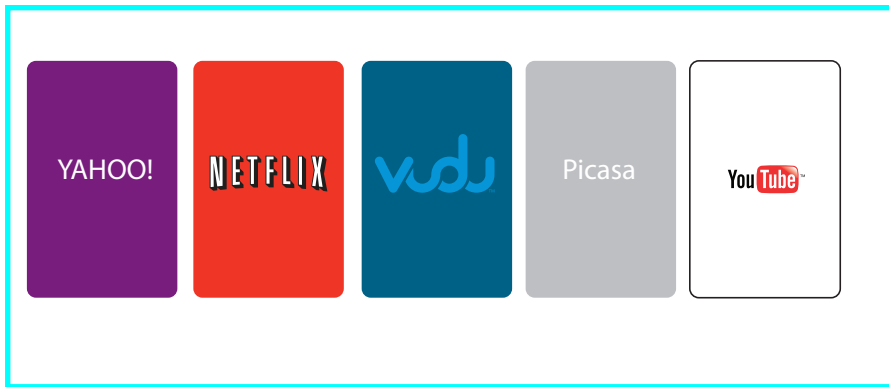
- 1   Select **NETWORK**.
- 2   Select **ESN**.
- 3  See the ESN serial number.

# NETCAST

## NETCAST MENU

These services are provided by the Content Provider.

All the services are dependent on appropriate Content Provider. Please check about page of each contents for Terms of service.



1   Select **NETCAST** menu option.

2  Enjoy the **Yahoo!**, **NETFLIX**, **Vudu**, **Picasa**, or **YouTube**.

### ■ **Yahoo!**

Yahoo! TV Widgets give you the best of the Internet in perfect harmony with the simplicity and reliability of your TV. TV Widgets deliver a Cinematic internet™ experience by converting your favorite web services for viewing on the TV.

### ■ **Netflix**

You can instantly watch movies (quite a few new releases) & TV episodes from Netflix streamed over the internet to your TV.

To become a Netflix member visit: [www.netflix.com/LG](http://www.netflix.com/LG)

**Note that this service is provided by the Content Provider, Netflix. It is dependent on Netflix to provide the data.**

### ■ **Vudu**

In order to make rental/purchase transactions on the Vudu service, a user must create an account on [vudu.com](http://vudu.com).

That account is linked to a specific device, via a process called "activation". It is possible to have multiple devices associated with a single Vudu account.

**Note that this service is provided by the Content Provider, Vudu. It is dependent on Vudu to provide the data.**

### ■ **Picasa?**

### ■ **YouTube?**

## YAHOO! TV WIDGETS

You can enjoy the best of the Internet in perfect harmony with the simplicity and reliability of your TV. Yahoo! TV Widgets provide an integrated Internet TV experience powered by the Yahoo!® Connected TV platform. You can monitor financial stocks, share photos with friends and family, track news and weather and much more, all through the Yahoo! TV Widgets service on your TV.

**Note that these services are provided by the Content Provider, using Yahoo! Widget Platform provided by Yahoo!. All the services are dependent on appropriate Content Provider. Please check about page of each widgets for Terms of service.**

**Note If you have any question or need any help for the widgets which is not covered in this manual, please contact web site for further help which shall be listed in about page of each widget, or Yahoo! help site <http://connectedtv.yahoo.com/help>.**

### What is a TV Widget?













A TV Widget is an Internet application designed to run on your TV.

### What is a Snippet?

A Snippet is a shortcut used to open a TV Widget, as a dynamic bookmark to TV Widget content.

### Using the Remote Control

When Yahoo! TV Widgets are displayed, you can use the following remote control buttons.

	Begin using Yahoo! TV Widgets. Press it again to go back to just watching TV.		Select the focused item.
	Highlight and focus on buttons in the Yahoo! TV Widgets user interface.		Go to the TV Menu.
	Move the focus selection up.		Close the open widget and return to watching TV.
	Move the focus selection down.		Change the open widget's settings.
	Move the focus selection to the left.		Add, move, or delete your snippets.
	Move the focus selection to the right.		Resize the video to fit onscreen, or to make it fullscreen.

### Getting Started Out of the Box

Once your television is powered up and your network is operational, the Yahoo! TV Widgets software guides you through its step-by-step on-screen wizard the first time you startup. These setup steps are designed to provide you with the information and settings you'll need to start using the Yahoo! TV Widgets user interface.

## Guided Setup



Activate Yahoo! TV Widgets. The first time you use Yahoo! TV Widgets the step-by-step wizard begins with the Welcome Screen.



1 Select Let's get started!. If you select Exit Setup now, this step will be resumed the next time you press WIDGETS.



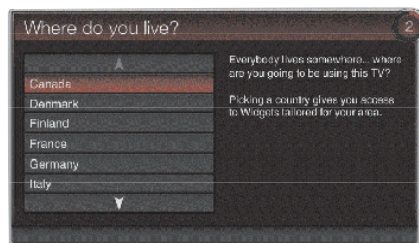
2 Choosing your country allows the use of localized content.



Navigate to your location.



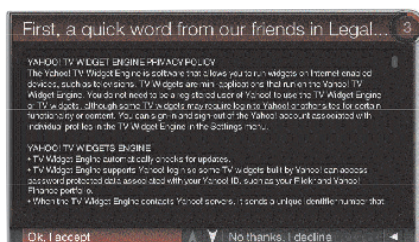
Select your country.



3 Accepting the Yahoo! Privacy Policy is required to use Yahoo! Widgets.



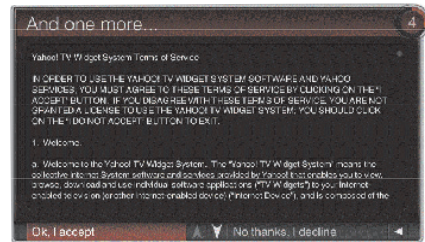
Select Ok, I accept.



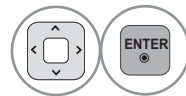
4 Accepting Yahoo! Terms of Service is also required to use Yahoo! TV Widgets.



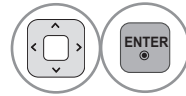
Select Ok, I accept.



5 Enter your name to setup your profile.



Select letters and spell your name.



Select Save this name and create your profile.



6 Test your network connection. After setup is completed, a tutorial on how to use Yahoo! TV Widgets will come up next.



Select Continue and review the tutorial. Select Exit setup to start using Yahoo! Widgets now.

