OPEN/CLOSE

OPEN-PULL ▶

Network DVD Player
User Manual

Preface

Congratulations on your purchase of this advanced DVD player. Ensure that you read this manual carefully and keep it in a safe place for future reference.

About this manual

No part of this manual, including the products and software described in it, may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form or by any means, except documentation kept by the purchaser for backup purposes, without the express written permission of xxx COMPUTER INC. ("xxx"). xxx PROVIDES THIS MANUAL "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL xxx, ITS DIRECTORS, OFFICERS, EMPLOYEES OR AGENTS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES (INCLUDING DAMAGES FOR LOSS OF PROFITS, LOSS OF BUSINESS, LOSS OF USE OR DATA, INTERRUPTION OF BUSINESS AND THE LIKE), EVEN IF xxx HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES ARISING FROM ANY DEFECT OR ERROR IN THIS MANUAL OR PRODUCT.

Product warranty or service will not be extended if: (1) the product is repaired, modified or altered, unless such repair, modification of alteration is authorized in writing by xxx; or (2) the serial number of the product is defaced or missing. The product name and revision number are both printed on the product itself. Manual revisions are released for each product design represented by the digit before and after the period of the manual revision number. Manual updates are represented by the third digit in the manual revision number.

SPECIFICATIONS AND INFORMATION CONTAINED IN THIS MANUAL ARE FURNISHED FOR INFORMATIONAL USE ONLY, AND ARE SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTICE, AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY xxx. xxx ASSUMES NO RESPONSIBILITY OR LIABILITY FOR ANY ERRORS OR INACCURACIES THAT MAY APPEAR IN THIS MANUAL, INCLUDING THE PRODUCTS AND SOFTWARE DESCRIBED IN IT.

Products and corporate names appearing in this manual may or may not be registered trademarks or copyrights of their respective companies, and are used only for identification or explanation and to the owners' benefit, without intent to infringe.

Product Name: xxx Network DVD Player
Manual Version: First Edition V1
Release Date:

Safety

- Do not use or store this product in dusty, dirty areas, as its components may be damaged.
- Do not store the product in hot areas. High temperatures can shorten the life of electronic devices and warp or melt certain plastics.
- Do not store the product in cold areas. When the product warms up to its normal temperature, moisture can form inside, which may damage the electronic circuits.
- Do not attempt to open the casing of this product.
- Do not drop or knock the product.
- Rough handing may damage the internal circuits.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the product. Wipe with a soft cloth slightly dampened.

If this product or any of its accessories are not working properly, take them to your nearest qualified service center. The personnel there will assist you, and if necessary, arrange for the product to be repaired.

Compliance notice

The use of this equipment may be subject to local rules and regulations. The following rules and regulations may be relevant in some or all areas.

FCC Regulation

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the users authority to operate the equipment.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This EUT is in compliance according to general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

License Notice and Trademark Acknowledgement

- Manufactured under license from Dolby Laboratories
- "Dolby" and the double-D symbol are trademarks of Dolby Laboratories
- Confidential unpublished works. Copyright 1992-1997 Dolby Laboratories. All rights reserved.

Contents

Overview

Read this chapter to gain an overview of the xxx DVD player.

Introducing the xxx

The xxx DVD player is an advanced DVD player that can connect to a network and access digital multimedia files over a network including music, pictures and video. Digital multimedia files can be accessed from any server on the network. A connection to the network can be made with either a conventional network cable or a wireless access point. The xxx can of course also play physical media including DVDs, VCDs, and audio compact disks.

Front Panel
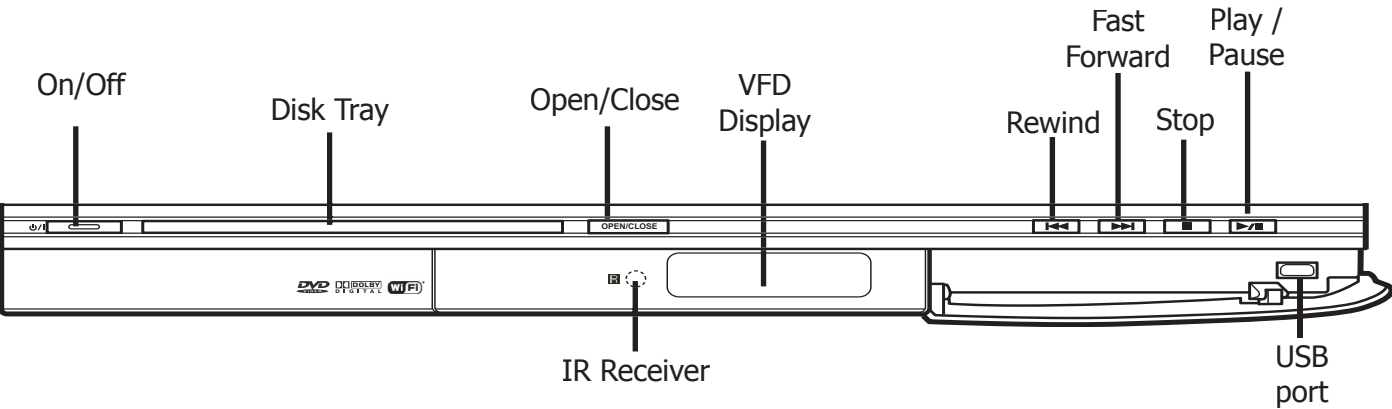
Button	Function
On/Off	Turns the player on and off
Disk Tray	Holds your disks
Open/Close	Opens and closes the disk tray
IR Receiver	Receives the remote control signal
VFD Display	Displays current disk function
Rewind	Rewinds the media
Fast Forward	Forward winds media
Stop	Stops the playing of the media
Play/Pause	Plays and pauses the current media. Pressing "Play" in a photo from a remote server will start a slideshow.
USB Port	Used for inserting a USB disk media

Rear Panel
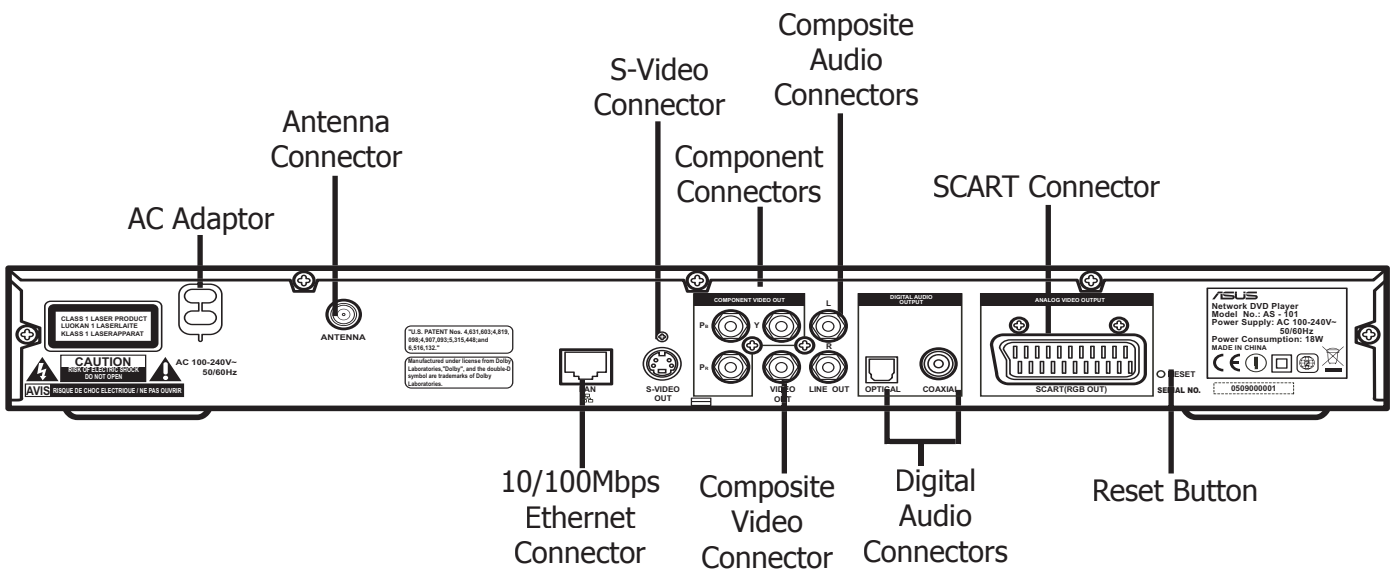
Button	Function
AC Adaptor	Power connection
Antenna Connector	Attach the connector here.
10/100Mbps Ethernet Connector	Network cable connector
S-Video Connector	S-Video Connectors
Component Connector	Component cable connectors
Composite Video Connectors	Composite video cable connectors
Composite Audio Connectors	Composite audio cable connectors
Digital Audio Connectors	Digital audio connectors
SCART Connector	SCART cable connector
Reset Button	Reset to the factory settings

Reset Button

The reset button at the back of the DVD players is depressed using a small object such as a pen. Depressing this button once will restart the DVD player, and depressing for 4 seconds will reset the DVD player to it's factory settings.

Features and Benefits

o   Stream media content from a PC to your entertainment center.

o   Listen to digital music on your stereo system.

o   View digital photos, slideshows, and videos on TV.

o   Superior picture quality provided by the progressive scan DVD player .

o   Instant access to music, and photos on USB Drives provided by the built-in USB connector

o   Automatic Network Setup easily connect to your wireless network using Windows® Connect Now (WCN).

o   Easily connect to your wireless network using 802.11g or 802.11b.

o   Connect using an Ethernet network cable at up to 100Mbps.

o   UPnP AV and DLNA compliant for maximum compatibility.

o   Most popular digital media formats supported.

o   Quick access to your media content via the remote controlled TV interface.

o   Sleek design complements your existing audio/video equipment.

o   Optical and coaxial digital audio output.

o   Component video output.

o   64- or 128Bit WEP security and WPA-PSK support.

o   Supports DHCP for easy connection to your home network.

o   Color coded one-touch shortcut buttons on the remote, for quick access to music, photos, videos, DVDs, and online media content.

Specifications

Model	DVD -xxx
Processor	Sunplus SPHE1001AW Twin RISC processor
Flash ROM	8MB
Memory	32 MB SDRAM with 32Bit DRAM interface
DVD Diameter	8cm/12cm
DVD format	DVD-5, DVD-9, DVD-10, DVD-18
Disc Playback Media	Audio CD, CD/CD-HDCD, CD-Extra, CD-R/RW, CD-ROM (mode 1/2), DivX, DVD+R, DVD+RW, DVD-R, DVD-ROM, DVD-RW, DVD-video, MP3-CD, MPEG4, JPEG Photo CD, SVCD, VCD 2.0/1.1/1.0
Loader Type	Front-loading tray
Audio System (I2S)	Decoder for WMA 9 2.0, WAV, Dolby Digital AC3 2-channel, MPEG1/2 layer 1/2/3(MP3) audio, AAC
	Frequency Response: 4Hz - 44 kHz (DVD fs: 96 kHz) L/R Output Level: 2 Vrms (1kHz, 0dB) +- 5% Signal to Noise ratio (1kHz): >95 dB Dynamic Range (1kHz): >95 dB Total Harmonic Distortion: <-80 dB
Video System	Decoder for MPEG4, MPEG1 D1, MPEG2 MP@ML
	Aspect ratio: 4:3, 16:9 Component Video Output Level:Y: 1 Vp-p (75Ohm) Pb, Pr: 0.7 Vp-p (75 Ohm) S-Video Output Level: Y: 1 Vp-p (75 Ohm) C: 0.3 Vp-p burst (75 Ohm) Video Output Level:1 Vp-p (75 Ohm)
Output resolutions	480i 480p 576i 576p
I/O Port	Front Panel: Power On/Off (Standby) DVD control button: Play/Pause, Open/Close, Stop, Fast Forward, Rewind VFD USB 1.1 x 1 Rear Panel Video: Component Video (YPbPr) x 1, Composite Video (CVBS) x 1, S-Video x 1, SCART (option for Europe) x 1 Audio: Coaxial x 1, Optical x 1, L/R x 1 RJ45 x 1
IrDA	IR Receiver for IR input from Remote control side
Communication	10/100Base-TX LAN 802.11 b/g (Mini PCI type)
WiFi	WiFi SSID: Max. 64 characters WiFi WEP key: 64-bit & 128bit WiFi WPA-PSK
Digital Right Protection	Hardware CSS decryption Macro vision version 7.1.L1

System Marking	DVD VIDEO	DOLBY DIGITAL	WiFi
Operating System Requirements	Windows 2000 Work Station / Server, Windows XP Home / Pro, Windows Server 2003, Windows Server 2003 x64 Edition, Windows XP Professional x64 Edition		
Power Supply	18W Universal AC Adapter (100-240V)		
Operating Temperature	+5 degree to +35 degree		
Operating Humidity	5% to 85%		
Acoustic Noise	Under 32 dB		
Dimensions	430 x 55 x 275 mm (W x H x D)		
Weight	2815 gm		
Color	Silver		
Green Specifications	Lead-free soldered product: Yes Packaging material: Carton		
Accessories	USB flash disc Remote Controller (38 kHz) with 2 AAA dry cell batteries 1.2M Composite (AV) cable SCART cable (for European Version) 1.5M Ethernet cable PC Server Software Installation CD Quick Guide, User Manual External Antenna		

System Requirements

o **PC with**

800 MHz or higher CPU

256 MB or more of RAM

32 MB or more of available hard drive space

Screen with 1024x768 pixels display

Wireless (802.11b/g) or Ethernet network

CD-ROM drive

Operating System, either: Win XP Home/ Pro, Win 2K Workstation/ server, Win XP Professional x64 Edition, Win Server 2003, Win Server 2003 x64.

o **TV Set with**

Component (YPbPr), Composite (CVBS), S-Video, SCART (European option).
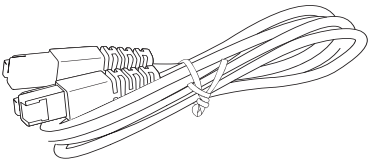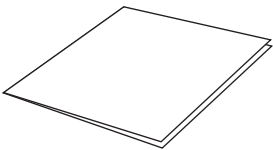
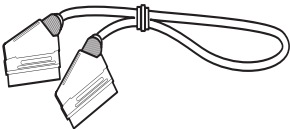Coaxial, Optical, L/R audio input.

Package Contents
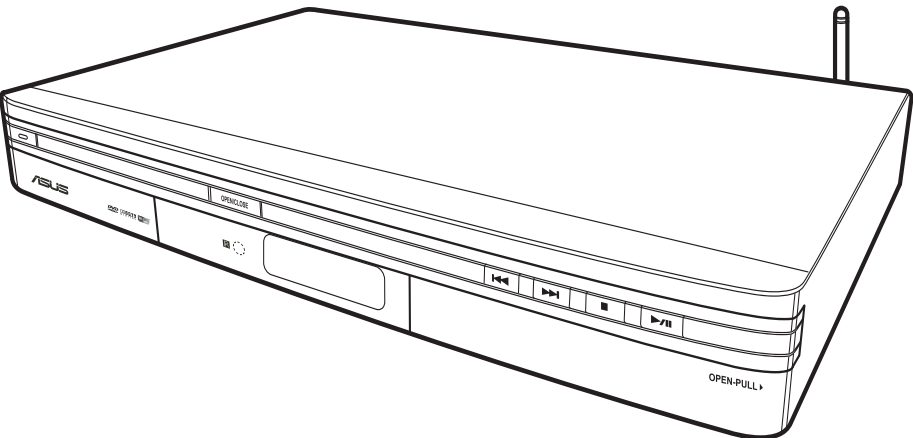
DVD Player

RJ45 Network Cable
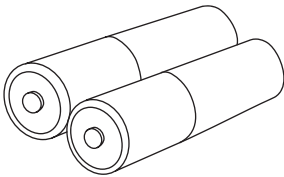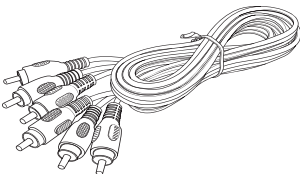
User Manual and Quick Guide

SCART Cable (Europe only)

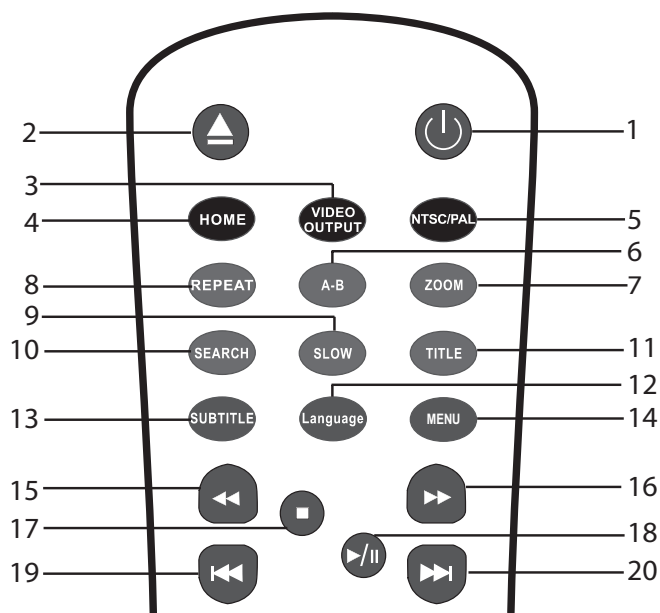AAA Batteries

Remote Control

AV Cable
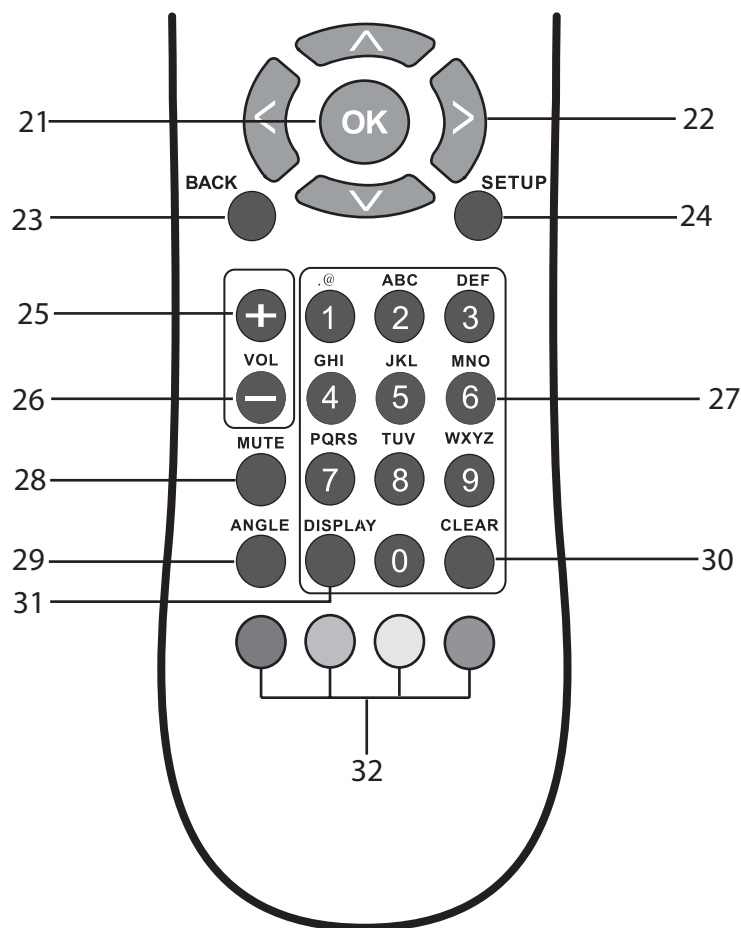
USB Flash Disk

External Antenna

Getting Started

Read this section to learn how to begin using the xxx.

Using the Remote Control

| LABEL NUMBER	KEYPAD	DMA AND DVD PLAYER FUNCTION DESCRIPTION
1	Power	Turns on/ off the DVD player.
2	Open /Close	Press to open and close the disc tray.
3	Video Output	Changes the Video output see **Video Output.**
4	Home	Returns to the DMA menu.
5	NTSC / PAL	Choose between NTSC and PAL formats.
6	A-B	Repeat a chosen section (A-B). Set the beginning of the section, when pressing the key at the first time. Set the ending of the section when pressing this button at the second time. Cancel repeating when pressing this button at the third time.
7	Zoom	Zoom a Figure or a video clip.
8	Repeat	Repeat of either a section or the entire disk.
9	Slow	To view a scene in slow motion (with the speed of 1/7 1/6 1/5 1/4 1/3 1/2 when playing a DVD/VCD/SVCD, and the speed of 1/32, 1/16, 1/8, 1/4, 1/2 for media files from the network or a data disc).
10	Search	Search forward and backward through the content. When the key is pressed for the first time, the current title will be highlighted. After users press the numeric key, the program specified by the key value will be played. Pressing "LEFT" or "RIGHT" can move HL to the current chapter or the region where show current playing time.
11	Title	Returns to the DVD's Title Menu.
12	Language	Use to select the desired language.
13	Subtitle	Use to select the desired subtitles.
14	Menu	When CDDA/HDCD is played, it is invalid. When VCD is played, brings up the Disc menu. When DVD is played, brings up the Root Menu.
15	Rewind	Use to skip a scene or music track.
16	Forward	Use to skip a scene or music track.
17	Stop	Stops the media playing
18	Play / Pause	Begin / Pause the media.
19	Previous	Skip to the previous track/title/chapter.
20	Next	Skip to the next track/title/chapter.

LABEL NUMBER	KEYPAD	DMA AND DVD PLAYER FUNCTION DESCRIPTION
21	OK	Execute the function specified by the user
22	DIRECTION BUTTON	Video Mode: Press ⌃ or ⌄ button brings up the OSD browser while playing video content. Music Mode : Press ⌃ or ⌄" button brings up the previous or next music content. Photo Mode: Move to the previous or next photo file when ⌃ or ⌄ is pressed or the photo file which is zoomed up/down/left/right.
23	BACK	Prompt to save/cancel DMA configuration change and return to DMA Setup Main Menu after configuring the DMA. 1. When VCD is played with Menu-Play ON, the player will return to MENU. (If Menu-Play OFF, "INVALID KEY" will be shown.); 2. When DVD is played, the player returns to root menu.
24	SETUP	Show the Setup Menu.
25	VOLUME+	Increases the master volume of the player.
26	VOLUME-	Decrease the master volume of the player.
27	NUMBER Button	Input number with the key value.
28	MUTE	Press to mute and cancel muteness.
29	ANGLE	Use to access various camera angles on a DVD.
30	CLEAR	Use to remove menus or status displays from the screen.
31	DISPLAY	Displays the current disc/media info, when the key is pressed for the first time. When the key is pressed again, the secondary info will be shown. If no secondary info, the display bar will be hidden again.
32	FUNCTION KEYS	Functions vary depending which mode you are in.

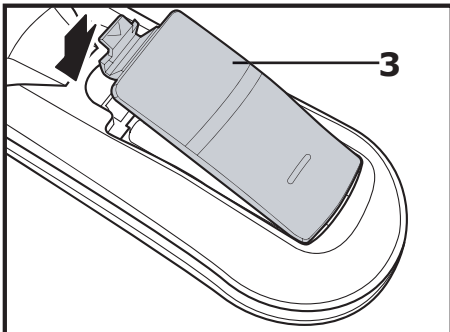# Installing Batteries in the Remote Control
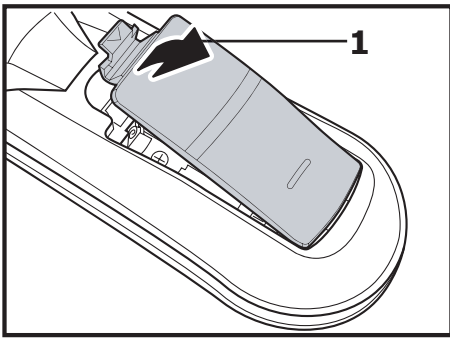
Lift battery compartment lid as shown in 1.
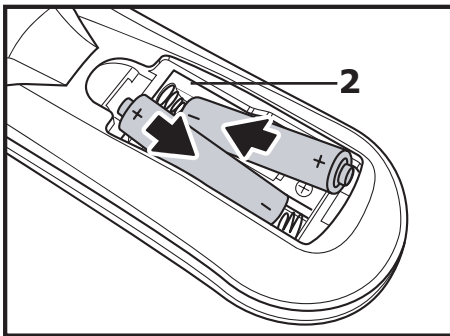
Insert batteries as shown in 2.

Note: Ensure that the + and − symbols are facing the correct way.

Replace battery compartment lid as shown in 3.

Note: If remote control will not be in use for a long time please remove the batteries.

The xxx software is easily installed from the Resource CD. After installation, the software will automatically start when the computer is powered on. The xxx software icon appears on the Windows System Tray.

Installing the software

The software must be installed on a machine on the network to act as a server.
To install the server software:

1. Insert the supplied CD ROM in the CD ROM drive.
2. The CD will auto-run.
3. Follow the instructions to install the server software.

Note: If the CD ROM does not auto-run, use windows explorer to execute the **Assetup.exe** in the bin folder of the CD ROM.

The welcome screen introduces you to the installation process. Click **Next** to continue.

Enter your username and organization name (if applicable). Check the radio button to allow either the current user or any user to access the software. Click **Next** to continue.

The default installation folder is shown. Click the **Change** button to change the installation location. Click **Next** to continue.
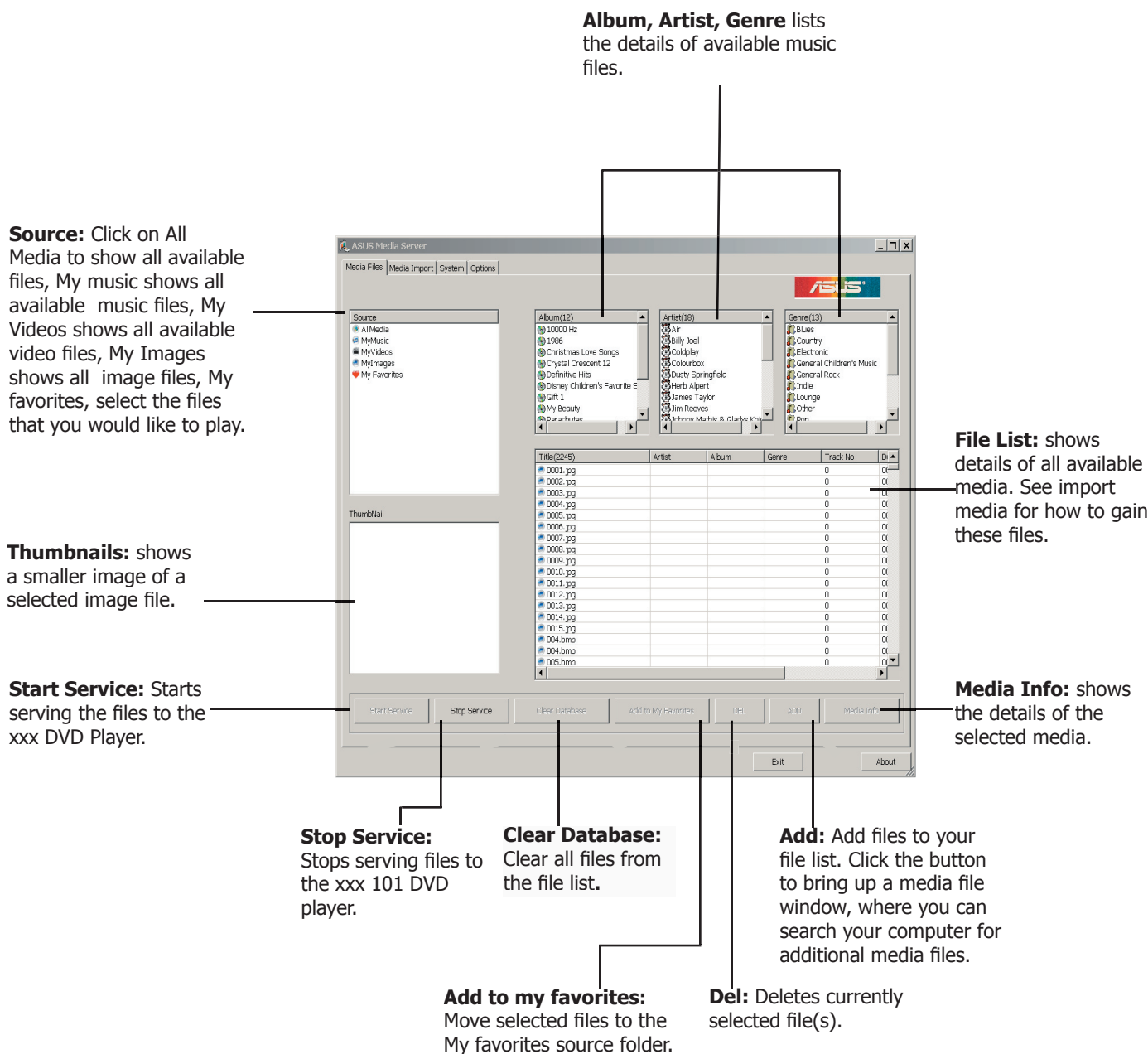
The ready to install screen allows you to check the installation settings. If you need to correct any details use the **Back** button, otherwise click **Next** to continue.

The installation is complete. Check the box to launch the program and click **Finish** to exit the installation.

The xxx media server has 4 tabs: Media Files, Import Media, System and Options. From these tabs you control the operation of the media server.

Media Files

Use the Media Files Tab to choose the media that is to be played, where the media is stored and to add or delete the files from the play list.

Album, Artist, Genre lists the details of available music files.

Source: Click on All Media to show all available files, My music shows all available music files, My Videos shows all available video files, My Images shows all image files, My favorites, select the files that you would like to play.

Thumbnails: shows a smaller image of a selected image file.

Start Service: Starts serving the files to the xxx DVD Player.

File List: shows details of all available media. See import media for how to gain these files.

Media Info: shows the details of the selected media.

Stop Service: Stops serving files to the xxx 101 DVD player.

Clear Database: Clear all files from the file list**.**

Add: Add files to your file list. Click the button to bring up a media file window, where you can search your computer for additional media files.

Add to my favorites: Move selected files to the My favorites source folder.

Del: Deletes currently selected file(s).

Media Import

Use the Media Import tab to choose where on the computer or network to access the media files from.

Start Service: Starts serving the files to the xxx DVD Player.

Stop Service: Stops serving files to the xxx DVD player.

Uncheck all: Unchecks all checked folders in the folder tree.

Folder Tree: The folder tree shows all available hard drives and folders. Check the boxes to show that they should be scanned. **Note:** checking the top level folder will check all the folders below it.

Scan: Scans all the checked drives or folders. Once the scan has finished, select **Start Service** to be able to see the files on the xxx
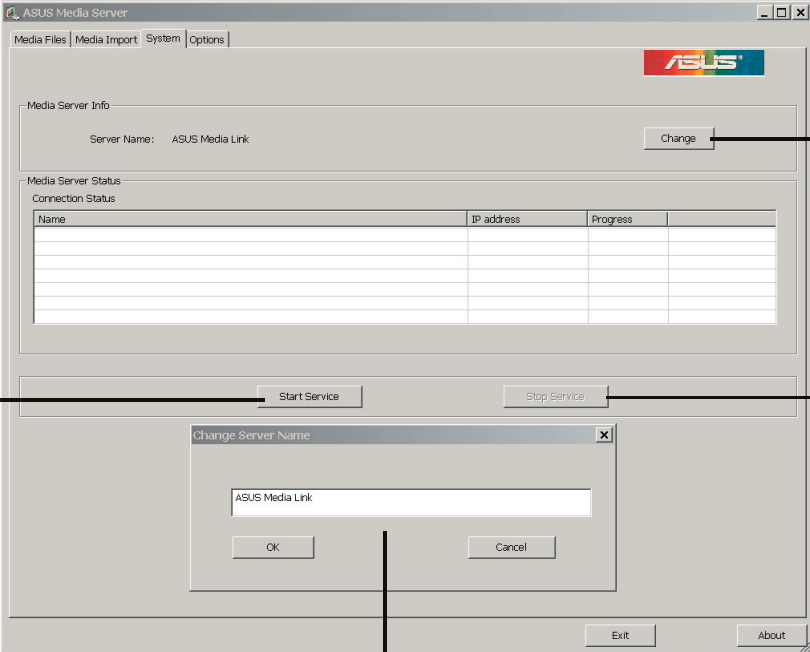
Cancel: Cancels the current scan.

Contents: Shows the contents of the file list under the Media Files tab.

Scan Details: Details of all file types scanned.

System

Naming your Server

Change: It is important to give your Media server computer, a name that doesn't conflict with any other on the network.
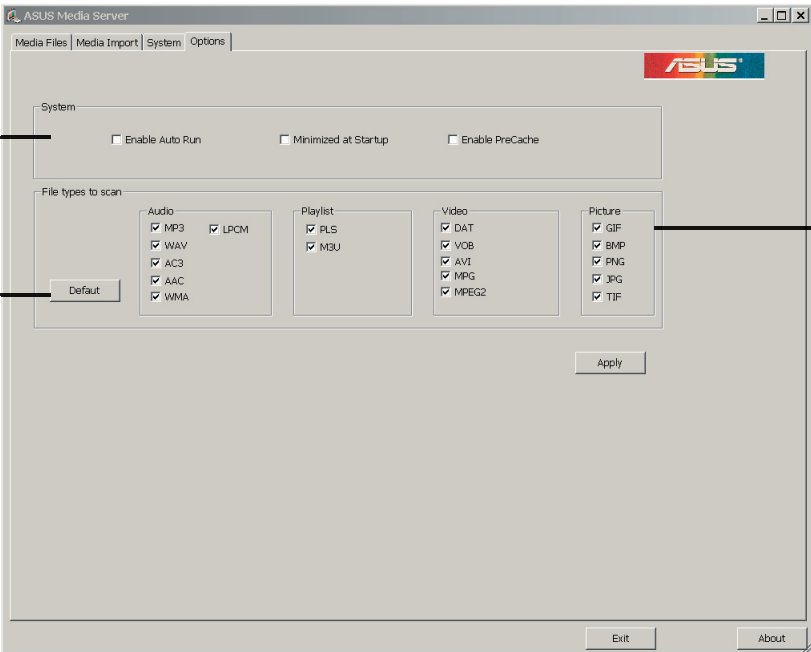1. To change the name select the system tab.
2. Click the **'change'** button.
3. Enter the new name and click **OK** to confirm.

Start Service: Starts serving the files to the xxx DVD Player.

Stop Service: Stops serving files to the xxx DVD player.

Change Server Name: This box appears when you press the change button.

Options

System: Check the boxes to: enable auto run, minimize at startup and enable pre-caching*

Default: Click this button to return to the default checked file types.

File types to scan: Check the boxes for the file types that will be scanned for.

* Note: Pre-caching reads the media from the HDD/CD/DVD prior to network transmission. This function helps to reduce the possibilities that the I/O takes longer than network transmission and cause the media(video especially) lagged. But the cost would be the increase of the memory usage.

Connecting the Power from the xxx to the Power Outlet
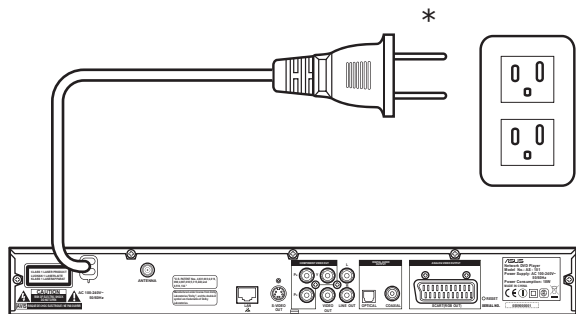
* Note: The xxx supports a 110V and 220V AC adapter for different regions and the plug type on your DVD player varies according to your country.

Connecting the network

You can connect the xxx to a network either with a conventional network cable or with a wireless access point.

Ethernet Connection
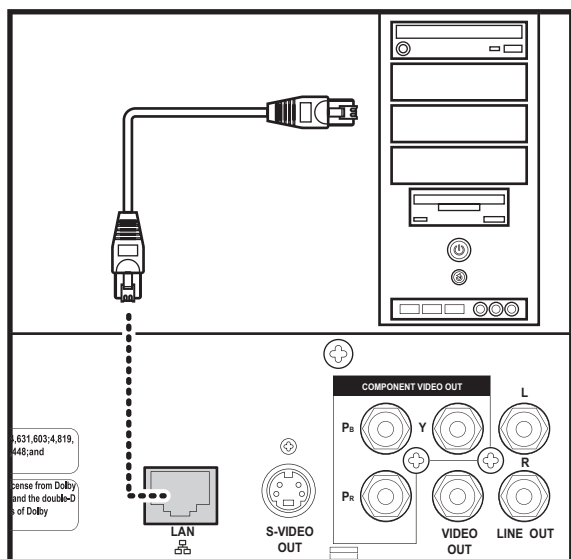
Wireless Connection
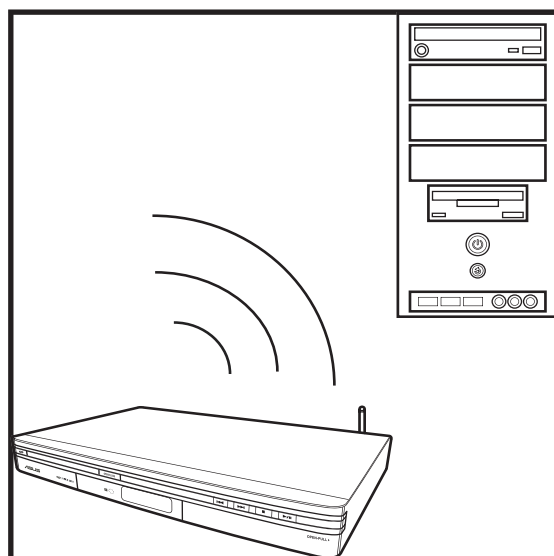
The xxx contains built in WiFi conforming to the 802.11b/g standard.

External Antenna Installation

The external antenna will provide a stronger wireless signal between your PC and the DVD player.

To install the antenna follow the instructions below.
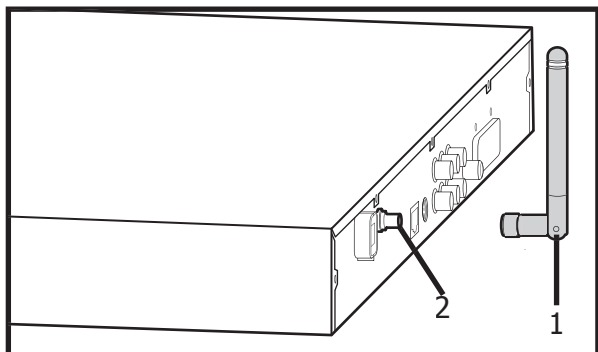
Push the antenna (1) on to the connector (2).
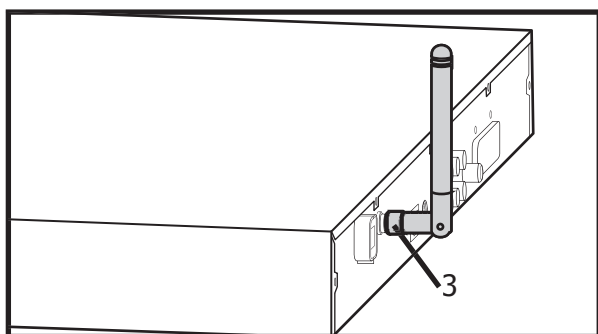
Twist the connection sleeve (3) so it locks firmly in place.
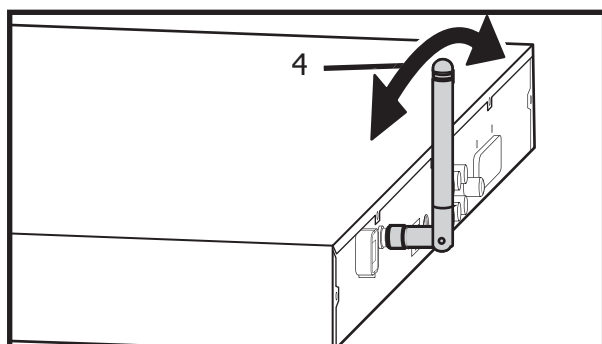
If the signal quality is poor, adjust the direction of the antenna (4).

Connecting the TV

The xxx DVD player supports several different video output formats. Connect one of the video outputs to a screen as shown.

S-Video output
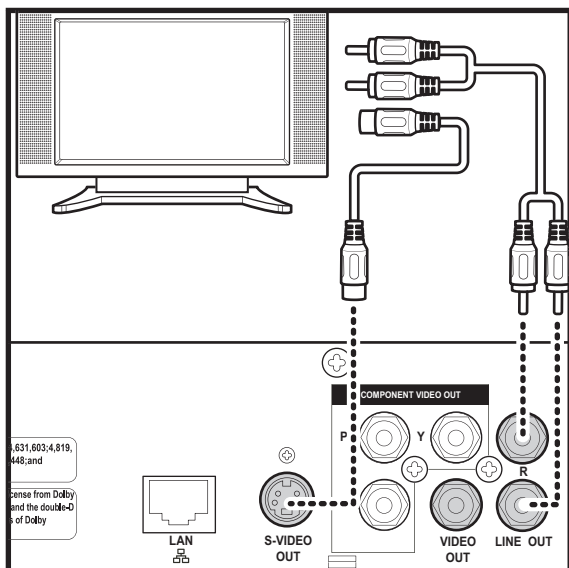
Composite video output
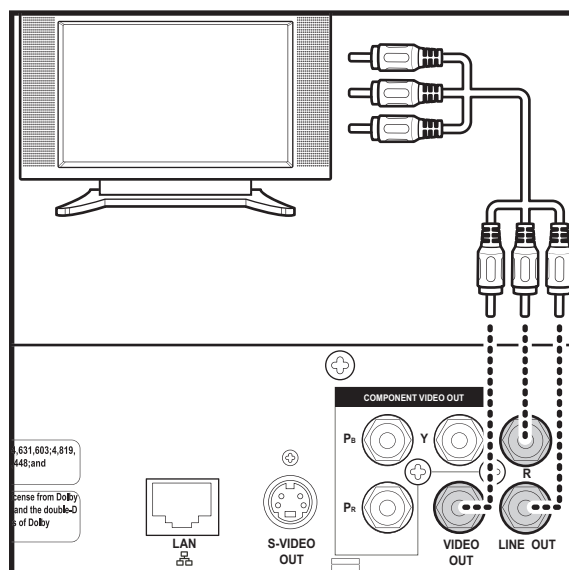
Component video output
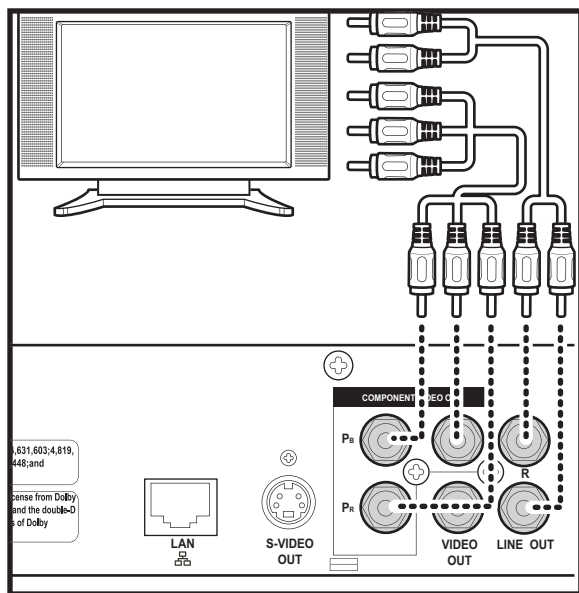
SCART AV output
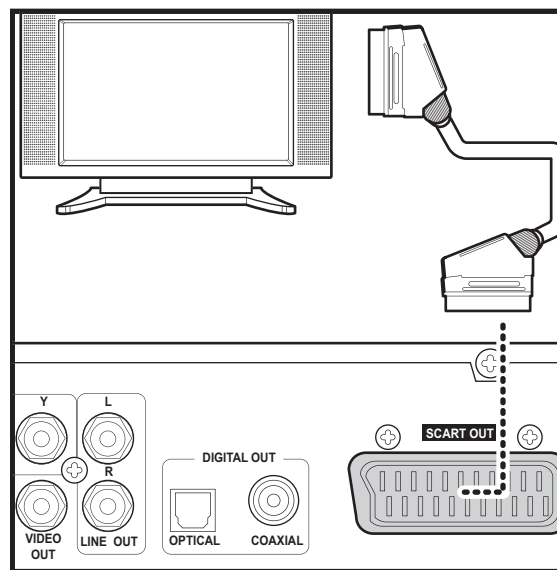
Turning On for the First Time

ON/OFF
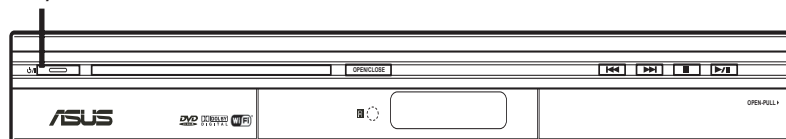
xxx DVD Player

Turn the xxx on using the power button on the front panel or the remote control.

When the light is Off the DVD player is OFF, When the RED light is on the DVD player is ON.

Playing a DVD/VCD

The xxx must be in DVD mode to play DVDs or VCDs. This is the default mode when you turn on the DVD player.

To play a DVD:

1. Turn on the xxx and the screen.
2. Open the disk tray.
3. Insert a DVD/VCD into the tray.
4. Press the play/pause button or the open/close button on the remote control to start playing the disk.

Networking Setup

To setup the network screen allows you to configure the network functions of the DVD player, using either a wired network or a wireless network.

Wired Networking Setup

The default settings will enable the DVD Player to connect to the server automatically using DHCP.

- o **DHCP**
  DHCP is automatically enabled. If you disable it you will have to configure the IP address manually.
- o **IP Address**
  If DHCP is enabled this is a fixed address and cannot be changed. Configure manually if DHCP is disabled.
- o **Netmask**
  By default it is 255.255.255.0 this can be changed if DHCP is disabled.

Wireless Networking Setup

Automatic Setup

Configure the wireless network automatically. When xxx first boots up, it automatically connects to the access point with the strongest signal. If no access point is detected, a direct link (ad-hoc) network with ESSID "AS101" is built. If a new AP is installed or the original AP is no longer in use, Automatic Setup can start the auto wireless network configuration again. Select OK to scan for available networks with stronger signals than your original AP's.

Using the left and right direction keys use the **OK** button to select **Yes** or **No** to configure the wireless network. Selecting No returns you to the previous screen.

The xxx will search for a available wireless access points.

If more than one access point is discovered a list of available access points is shown. Use the up and down direction keys to choose the correct one. Click the **OK** button to select.

Access Errors

In some circumstances you may not be able use or see access points in which case the following messages will appear:

Secured Access Point

If you try and use a **secure access point** (shown with a yellow key beside the AP name) the following screen is displayed. For details on WCN see the **Windows Connect Now configuration** section. If you press cancel you will be asked if you want to cancel the automatic setup and be retuned to the Network Setup Menu.

No Access Point available

If no wireless access point is found the following screen is displayed. If a wireless connection is still required, use the **Manual Settings**. Or Connect a network cable to the back of the DVD player and see **Wired Networking Setup**.

The xxx will search for an available IP address on the network.

This message tells you that the IP settings have been configured properly. You are then returned to the Network setup menu.

Smartkey Setup

- looks for the WCN (Windows Connect Now) settings from the USB drive.

Note: This section can be missed if the WCN key has previously been exported to another USB device.

Windows Connect Now (WCN) Configuration

If you already have wireless settings configured on your PC, instead of using the setup wizard, you can use Windows® Connect Now (WCN) to configure the wireless settings on your xxx.   **Note:** WCN is only available on PCs running Windows XP with Service Pack 2 or later installed.

In the menu bar, go to **Start > Programs > Accessories > Communications** and click Wireless Network Setup Wizard.

Your system will display the Setup Wizard Welcome screen. Click **Next** to continue.

Select to add a new device to your existing wireless network and click **Next** to continue.

Note: Choose "Manually assign a network key" if network key of the original wireless network won't change.
Check the box at the bottom to encrypt using WPA instead of WEP.

The wizard provides two methods for setting up a wireless network. Using a USB flash drive is recommended.
Select to use a USB flash drive to save your wireless network settings and click **Next** to continue.

Plug your flash drive into a USB port on this computer. The drive letter will appear in the pull down menu. You can choose to use this drive or select another drive. Click **Next** to save your wireless settings to the USB flash drive. This may take a few seconds.

This screen will appear when the wireless settings have been saved to the USB flash drive.
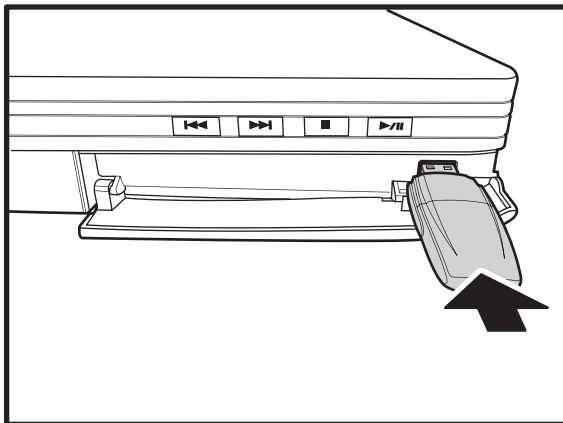
Next, remove the USB Flash Drive from your PC and insert into the USB port on the front of the xxx.

The following screen will appear, prompting you to apply your wireless settings. Press **OK** to continue.

This screen confirms that the settings are being applied and not to remove the USB Drive.

The following screen confirms that your wireless settings have been applied and that it is safe to remove the USB Drive. Press **OK** on the remote control.

Next, remove the USB Flash Drive from the AS101 and insert it back into the USB port on your PC. Click **Next** to continue.

Wireless configuration using WCN is now complete. The setup wizard will display the devices that have been setup with your wireless network. Click **Finish**.

Manual Setup

The Manual setup menu is divided into three sections to help configure your DVD player on the network:

o **General Setting** — Configure ESSID, Channel, Scan ESSID, Network Type, and Authentication.

o **Security Setting** — Configure Encryption, Key Length, Key Format, Key Group, and Key Value.

o **DHCP Setting** — Configure DHCP Client, IP Address, and Netmask.

General Setting

o **ESSID (Extended Service Set Identifier)** — Manually enter the required AP name. Press the OK button on the remote to access an on-screen keyboard. Use the direction keys to scroll through the keyboard and press OK to enter the value. Once complete use either the red button on the remote control or scroll to the enter key on the keyboard and press **OK**.

The ESSID keyboard - see above for directions on use.

o **Channel** — Choose between 1 and 14.
Note: In infrastructure mode the channel is automatically chosen and N/A is shown.

o **Scan ESSID** — Press OK and the DVD player will scan for available networks. Press OK to accept the required network. The 3 color "traffic light" indicates the WiFi signal strength: green is excellent, yellow is good, red is poor.

o **Network Type** — Choose between Infrastructure or Direct Link (Ad-Hoc).

o **Authentication** — Choose which method of authentication is required by the network. Choose between Auto, Shared Key, and Open System.

Security Setting

- o **Encryption** — Choose either enable or disable.
- o **Key Length** — Choose either WEP 64Bits, WEP 128Bits or WPA - PSK.
- o **Key Format** — Choose either ASCII or HEX.
- o **Key Group** — Choose a value between 1 and 4 (Not available if WPA-PSK key length is chosen).
- o **Key Value** — Press OK to access the on screen keyboard and use the direction keys to choose an encryption key value. (64 bit requires 10 characters, 128Bit requires 26 characters and WPA requires 16 characters).

DHCP Setting

- o **DHCP —** DHCP is automatically enabled. If you disable it you will have to configure the IP address manually.
- o **IP Address —** If DHCP is enabled this is a fixed address and cannot be changed. Configure manually if DHCP is disabled.
- o **Netmask —** By default it is 255.255.255.0 this can be changed if DHCP is disabled.

Home Menu Explanation

The main menu from where you access the primary functions of the Network DVD Player has the following five symbols to indicate which application is being selected, use the left and right direction keys to rotate between the symbols.

Video — Play your video files

Music — Play audio files

Photos — View your photos

Setup — Configure the settings of the DVD player

DVD — Play DVDs

Home Menu

To access the home menu press the **Home** button on the remote control. From here you can setup the player to meet your requirements, view a variety of photo files, watch other video files and listen to music.

Use the left and right direction keys of the remote control to choose each application and the OK button to access the application.

DVD

Insert a DVD into the tray and the DVD will automatically play.

Music

Music files are located through the network, on a disk or on a USB drive.

1. To access the music files select the music icon and press the OK button on the remote control.
2. Select source where files are stored and press OK to view video.

The following file types are supported: MP3, WMA, WAV, AC3, AAC, and PCM.

The AS101 will play tracks from playlists you create on your computer and the media player supports playlists in two standard formats:
o   m3u Playlist File
o   pls Playlist File

Software for playing music on your PC can be used to create playlists.
WinAmp™ and Microsoft Windows Media Player™ are two examples.

Background Music (BGM)
When playing a photo slideshow you can have an audio track playing in the background.

To add the audio track(s) Select **My Disc** and press **OK.**
Note: Audio files from the remote network can also be added to My Favorite. See **Using Media Link Software.**

Press the **Green BGM** button and the BGM menu appears. Select **Add** by pressing **OK**. The selected file is placed in the **My Favorite folder** and starts to play.
Note: it is these files that are played during a photo slideshow.

From the **My Favorite** folder you can choose to Remove, Play Next, Remove All or Stop the music files.

Photo

Photos can be viewed through the network, a DVD/ CD, or a USB drive.

1. To access the photo files select the photo icon and press the OK button on the remote control.
2. Select source where files are stored and press OK to view the photos.
3. To view as a slideshow press the RED button or the **Play** button when the folder is open.

Whilst viewing the photo slideshow the xxx can play selected music files:
1. See Music to add Background music.
2. Start a photo slideshow.
3. Press green button to play/stop BGM.

Inserting USB Drive
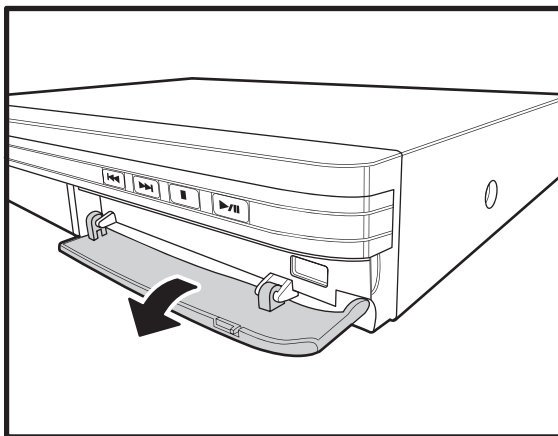
Pull down the front cover
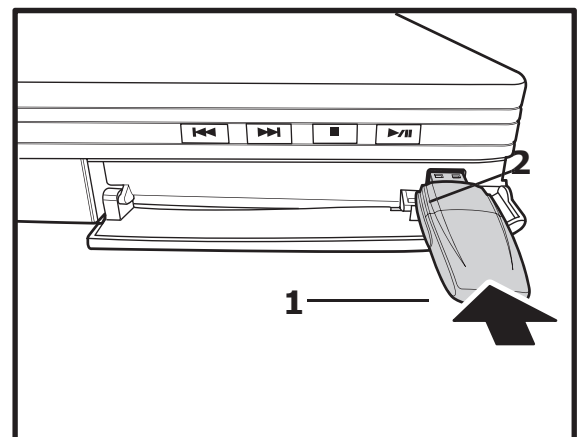
Insert the USB drive (1) into the USB port (2)

Video

Videos are located through the network or on CD/DVD.

1. To access the video files select the video icon and press the OK button on the remote control.
2. Select source where files are stored and press OK to view video.

The following file types are supported: MPEG1, MPEG2, MPEG4, AVI, and XVid.

The following subtitle formats are supported: ssa, srt, and sub.

Setup Main Menu

The Setup Main menu is where you setup the network settings, the system configuration and firmware details. Use the direction keys on the remote to move between menu items and press OK to select the function.

System Setup

Through the system setup you can configure the DVD to work with your TV.

Language

The User Interface (UI), Audio, and Subtitle Menu systems are available in the following languages: Chinese, English, French, German, Italian, Japanese and Spanish.

TV Mode Setup

Video Output - Choose between:

o **Interlace YUV** - use if connecting to TV using YPBPR cables.

o **TV RGB** – use if connecting to TV with a SCART cable.

o **P-Scan YPBPR** – Use if DVD player is connected to a progressive scan TV using YPBPR video cables.

o **S-Video** – Use if your TV is connected using a S-video cable.

TV System – Choose between:

o **NTSC** - used throughout the world, including the U.S., Canada, Japan, South Korea and several Central and South American countries.

o **PAL** - used throughout Europe and China as well as in various African, South American and Middle Eastern countries.

Video Scale - Choose between:

o **4:3ps (pan and scan)** - use on a normal ratio TV. The movie fills entire screen and may mean a loss of image on the left and right of the screen.

o **4:3LB (letter box)** – use on a normal ratio TV for a wide screen look. This effect can give horizontal black lines at the top and bottom of the picture.

o **16:9 (wide screen)** – use only with a wide screen TV.

o **Rating –** Choose which film rating can be viewed: No Adult, Kid safe, and View All (The default is No Adult). This cannot be changed until the password has been entered, the default password is 0000.

Video Setup

- o **Brightness** (the light level on the screen) - choose a level between 0 and 12.
- o **Contrast** (the difference between the lightest and the darkest areas of the screen) – choose a level between 0 and 12.
- o **Hue** (the predominant color) - choose a level between –6 and +6.
- o **Saturation** (the color intensity)– choose a level between 0 and 12.

Audio Setup

- o **Audio Output** – Choose between
  - Off - There is no audio signal output from the Coaxial Output jack and the Optical Output jack.
  - Raw - Choose this setting if your DVD player is connected to a power amplifier (with a decoder) with a coaxial cable or an optical cable.
  - PCM - Choose this setting if your DVD player is connected to a 2-channel digital stereo amplifier.
- o **Down Sample** – Choose between 48k and 96k.

Photo Display Setup

- o **Photo Display Mode** – Choose between List and Thumbnail.
- o **Slide Show Time** – choose between 3 ~ 10 seconds.
- o **Background Music** – Choose between Off, Repeat One, Repeat All.

Reset to Default

Select OK on the remote control to reset all settings to factory mode.

The defaults settings are as follows:

| System Settings				
Section	Taiwanese Default Values	Japanese Default Values	American Default Values	European Default Values
Language				
Language	Chinese	Japanese	English	English
Subtitle Language	Chinese	OFF	OFF	OFF
Audiio Language	Chinese	Japanese	English	English
System Setup				
TV System	NTSC	NTSC	NTSC	PAL
Video Output	Interlace - YUV	Interlace - YUV	Interlace - YUV	TV-RGB
Video Scale	4:3PS	4:3PS	4:3PS	4:3PS
Rating	No Adult	No Adult	No Adult	No Adult
Audio Setup				
Audio Output	SPDIF/RAW	SPDIF/RAW	SPDIF/RAW	SPDIF/RAW
Down Sample	48K	48K	48K	48K
Video Setup				
Brightness	6	6	6	6
Contrast	6	6	6	6
Hue	0	0	0	0
Saturation	0	0	0	0
Photo Display Setup				
Photo Display Mode	List	List	List	List
Slideshow Time	4 Seconds	4 Seconds	4 Seconds	4 Seconds
Background Music	Repeat All	Repeat All	Repeat All	Repeat All
Network Settings				
Wired Network				
DHCP	Enable	Enable	Enable	Enable
Wireless Network				
General Setting	ESSID	Any	Any	Any	Any
General Setting	Channel	N/A	N/A	N/A	N/A
General Setting	Network Type	Infrastructure	Infrastructure	Infrastructure	Infrastructure
General Setting	Authentication	Auto	Auto	Auto	Auto
Security Setting	Encryption	Disable	Disable	Disable	Disable
Security Setting	Key Length	WEP 64Bits (only works when security is enabled)	WEP 64Bits (only works when security is enabled)	WEP 64Bits (only works when security is enabled)	WEP 64Bits (only works when security is enabled)
Security Setting	Key Format	ASCII	ASCII	ASCII	ASCII
Security Setting	Key Group	1	1	1	1
DHCP Setting	DHCP	Enable	Enable	Enable	Enable

Firmware Upgrade

1. Check for new firmware at www.xxx.com and download it to your PC.
2. Copy the downloaded file to a USB drive and rename the file to **rom.bin**.
3. Insert a USB drive with a new version of the firmware, in to the USB slot at the front of the DVD player.

Note: You cannot upgrade the firmware from one region to another i.e. if you have a region 1 player you cannot use a region 6 upgrade.
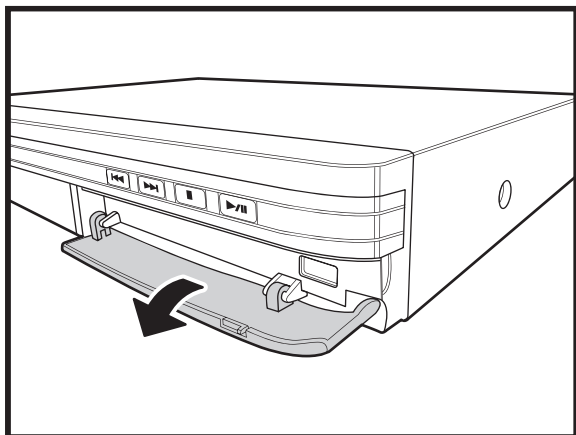
Pull down the front cover
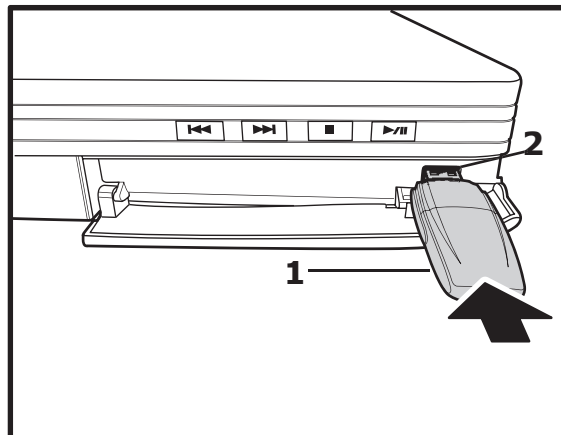
Insert the USB key (1) into the USB port (2)

Firmware Version

The firmware version is displayed on the Setup Main Menu.

DMA software

To play media from the network, the xxx must be connected to the network, and the xxx software must be running. To scan for digital files, go to the computer running the xxx software and use the Media tab and Media Import tab. The files may be stored on any computer on the network, or on a CD in the computer's CD drive.

The DMA on NetDVD is compatible with the following media file formats:
- MPEG 1, 2, 4 compressed audio and video files
- JPEG, PNG, and GIF compressed image files
- BMP, and TIFF image files
- MP3s up to 320 Kbps or variable bit rate (VBR)
- WMA file up to 192Kbps or variable bit rate (VBR)
- WAV audio files

Appendix

Troubleshooting

Q. I cannot see the xxx logo when I turn on my xxx player for the first time.

A. o Make sure your TV is displaying the appropriate video source. You may need to use the **AV Input**, **Source**, **Select**, or **TV/ Video** button on your TV or TV remote to change video sources. If you are having trouble changing the video source, refer to the instructions that came with your TV.

o If you did not connect the player directly to your TV, but are instead passing the signal through your VCR, make sure your VCR is displaying the appropriate video source. You may need to use the **Input** or **Source** button on your VCR or VCR's remote control. Some VCRs only pass the signal through when they are turned off. If you are having trouble displaying the correct video source, refer to the instructions that came with your VCR.

o Make sure cables are connected to the IN jacks on your TV or VCR, not the OUT jacks. The cables you are using to connect your receiver to your TV or other equipment may be damaged or defective. Try exchanging the cables connected to the receiver with other cables that you know are working properly.

o Make sure you have firmly attached the power adapter plug to the back of the player. Also, verify the power adapter is plugged into a working power outlet and that a light switch does not control the outlet.

Q. I've updated the firmware on my xxx but all of the features do not work.

A. o Be sure you've updated to the latest version of the software as well.

o You can download the latest version at www.xxx.com

Q. I inserted a DVD into the xxx, but there is no display.

A. A possible cause for this problem may be that the disc was inserted upside down or the disc may be dirty, scratched, or cracked. Make sure the disc is inserted right side up, and the disc is clean, or else replace the disc.

Q. The DVD stops playing. The video skips or the sound is abnormal.

A. A possible cause for this problem may be that the disc is not in good condition and has cracks or scratches on its surface. Clean or replace the disc. Another possible cause is that the xxx is located too close to an amplifier. If this is the case, move any speakers further away from the xxx.

Q. My remote control isn't working.

A. o Make sure the batteries are inserted correctly.

o Try removing the batteries and reinserting them without touching any buttons on the remote control.

o Replace the batteries with new ones.

Q. The volume and mute buttons on the remote control don't work when playing content that was encoded in 5.1 surround sound.

A. The volume can only be adjusted on your digital stereo receiver.

Q. I can't find any of my music, photos, or video.

A. o Make sure your computer is powered on and that it has not entered standby mode. You may need to change your computer's power settings if you want your content to be available all the time.

o Make sure the Media Link software is running on your computer. Look for the Media Link icon in your system tray. If necessary, start the Media Link software again.

o Click on the Media Link icon and select Media Files tab to verify you are sharing the correct media file.

o If using a wired network, verify the Ethernet cable is properly attached to your xxx and to a network switch, hub or router. Verify that the switch, hub or router is powered on.

o If you are using static IP addresses, verify the IP address and netmask are in the same range as other addresses on your network. Verify that the address is not already in use by another PC or device.

o Make sure the files you are sharing use a supported file format and encoding scheme.

Q. I can't hear any sound when I'm playing music.

A. o Make sure the audio cables are properly connected.

o If the audio cables are connected to your TV, the TV must be on to hear any music.

o If the audio cables are connected to your stereo, make sure the stereo is on and you have the correct stereo input source selected. If you are having trouble selecting the correct audio source, refer to the instructions that came with your stereo.

Q. Some of my MP3 and WMA files don't play.

A. o The xxx supports the most common music file formats. However, there are almost an infinite variety of bit rates and sample rates. If a file cannot be played on the receiver, it most likely uses an unsupported rate.

o The following MP3 sample rates are supported: 32, 44.1, 48, and 96 kHz.

o For best results, rip your MP3 files at 128 kbps or higher, with a sample rate of 44.1 kHz.

Q. I am not able to play certain media files.

A. o The xxx supports most industry standard file formats but even supported file formats can be encoded in ways that are not supported. Try exporting media with different encoding settings or using different software applications to encode your files.

o To check the bit and sample rates of a music file:

1. Right-click on the file and select **Properties**.

2. Select the **Summary** tab and click the **Advanced** button. Scroll to the bottom of the list. The file to the right has a bit rate of 128 kbps and a sample rate of 44 kHz. In most cases, the sample rate does not matter unless you come across a file that will not play or appear on your player. Use the above procedure to check the file settings for supported rates.

Q. I created a playlist on my computer, but it doesn't appear on my media player.

A. Make sure the playlist file is shared by your media server. Add the playlist by clicking the "Add" button in the Media Files tab of the xxx Media Link software or by importing the whole folder where the playlist is located..

Q. How do I reset my xxx settings?

A. Under normal circumstances, you should not need to reset your media player. However, to fully reset the media player or to reset the settings to the factory mode, either choose the "Reset to Default" option in the Setup page or push the reset button on the rear panel for 4 seconds.

Q. What version of firmware do I have?

A. From the main home screen, select the **SETUP** icon. The firmware version is highlighted at the bottom of the menu.

Q. I was able to browse and play content from my media player, but now I can no longer browse or play any content from my media server.

A. This is a problem we have noticed with Norton Anti-Virus 2005. Your media player caches the available media server for 30 minutes. During this time, if the connection between your PC media server and the media player was disconnected, you will need to restart your PC to solve this issue.

Q. The xxx will not play my AVI files.

A. Make sure that your AVI files are smaller than 2GB. AVI files have a limitation of 2GB. This is a limitation set in the AVI standard.

Q. I cannot export my smartkey for wireless network settings in my Windows system.

A. Make sure that your operation system supports Windows Connect Now (OS released later than Microsoft Windows XP Service Pack 2), and the wireless network is secured by encrypted connections. The smartkey (WCN) can be exported by the All Programs / Accessories / Communications / Wireless Network Setup Wizard. **Note:** the Network Name is case sensitive.

Warranty Information

xxx Product Warranty Card

Dear Customer
Thank you for purchasing xxx product. In order to provide you with satisfactory service, read the instructions carefully and keep this warranty card for future use.

Warranty information and coverage:

1. Fill out the warranty card and have it stamped by the dealer to ensure validity of warranty service. Keep the receipt for future reference. xxx will refer to the manufactured date for warranty service validity if the date of purchase has not been indicated by the dealer.
2. All xxx products purchased in Europe carry a one-year Limited Warranty against defects in materials and workmanship.
3. xxx reserves the right to charge a maintenance fee for products that are not covered under the warranty:
   The xxx Warranty does not cover:
   a) Products with an expired warranty.
   b) Damage caused by natural disasters (such as flood, fire, earthquake, thunderstorm, typhoon, etc.).
   c) Damage caused by failure to follow instructions in the user manual.
   d) Damage caused by disassembling, modifying, or repairing by personnel other than xxx.
   e) Damage caused by downloading or installation of software by user.
   f) If the product serial number has been removed or defaced, forged or changed any information on the warranty card.
   g) Damage due to abuse, misuse, misapplication.
4. **Technical support and maintenance service:**
   a) Register your product on xxx website (http://www.xxx.com.tw). You will receive software updates and regular technical support information.
   b) Refer to the troubleshooting section in the user manual when you encounter a problem.
   c) Search for solutions on **NetQ Discussion** or the Q&A section on xxx website.
   d) Post your questions on **NetQ Discussion**, an xxx service engineer will solve your problem online.
   e) Post your inquiry on xxx online technical support (http://www.xxx.com.cn/email).
   f) Call the 24 hour toll free number for online assistance.
   g) Contact the nearest dealer or xxx service center for assistance.

   When seeking technical assistance, always provide accurate information of the product model no., BIOS version, compatible hardware and details of malfunction in order to facilitate the problem solving process.

Customer Information			
Customer name		Date of purchase	
Contact person		Telephone no.	
Current address			
Dealer name		Product type	
Model no.		Serial no.	
Dealers stamp			