



Internet Multimedia Player

UTV Bono Media Player

- **Integrated Multimedia Player with Brand New concept**
Enjoy the clips downloaded from Internet with the new concept extended from PTV and VOD
- **Playback the HD contents in full HD TV**
Enjoy the PC contents including HD class in the TV via networking



MP-8000HD





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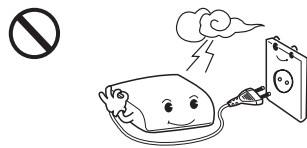
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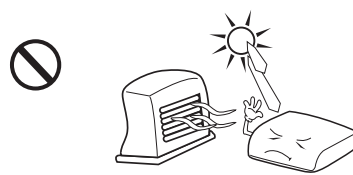
1. Safety & Precautions

1.1. Safety Notice

Turn off your player when connecting or disconnecting USB devices. Failure to do so may result in malfunction or loss of data on your USB device.



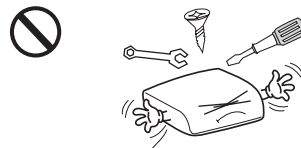
Do not expose the player to heat sources or high temperatures



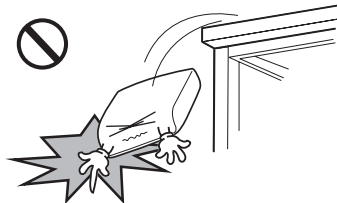
Do not expose the player to water, oil, dust or magnetic materials



Do not attempt disassembling or remodeling the player



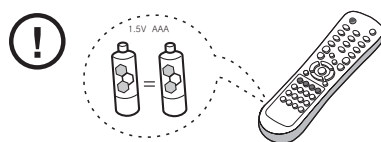
Do not drop the player from height. This might cause irreversible damage to the player



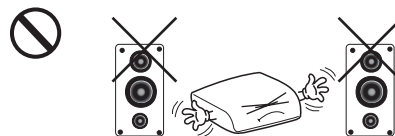
Do not touch the power plug with wet hands. It may cause electric shocks or fire.



Do not mix batteries with old and new or carbon and alkaline in the remote control



Keep the player away from the magnetized devices; such as speakers





1. Safety & Precautions

1.2. Limitations and Usage Precautions

Please read the following Limitations and Usage Precautions before using your UTV Bono MP

- * Turn off your player when connecting or disconnecting USB devices. Failure to do so may result in malfunction or loss of data on your USB device.
- * When detaching the HDD, Power off the media player
- * While your media player supports dozens of file formats and codec, they are not interested to work with every codec-variation. Your media player provides limited support to standardized versions of codec as stated in the technical specifications of this manual.
- * We do not have any warranty or responsibility for data loss in the HDD, and we strongly recommend backing –up your data or media files stored on your media player.
- * The supplied cables and accessories are recommended for customized best performance of your media player.



2. Introduction

2.1 introducing the Bono Media Player MP-8000 HD

Bono Media player is a standalone, multimedia hard disk player which plays digital videos, music, still images and DVD files to a TV screen and home entertainment system. You can enjoy the digital contents in your living room without having to burn discs or having to play it back on a DVD or CD Player anymore.

Main Features

.. **HD Playback**

The Bono Media player supports a max resolution of 1920 x 1080 Progressive Scan video output providing Hi-Definition display of clear and crisp picture quality

.. **Video / Movie file player**

The Bono Media player supports video file formats including MKV, DivX (3/4/5), XviD, MPEG, WMV-9, ASF, DAT, DVD (IFO, VOB) ISO as well as HD-level TP, TS, TRP etc. Additional functions are Convenient direct decoding and Bookmarking of multiple files with hot key on the remote controller.

.. **Audio Jukebox**

The Bono Media player supports multiple image formats; such as MP3, AC3, WMA, DTS with digital audio output and down-mixing capability

.. **Digital Photo Album**

The Bono Media player supports multiple image formats. You can enjoy the digital photo slide-show on the big screen TV

.. **Share your private contents with your members**

After registering to the CUG, you can share the contents; such as the UCC file, the private clips and the Photos among the other users in CUG. Through the menu "Share Manager", a file can be transferred and copied easily.

.. **HDMI Interface**

Since HDMI provides unparalleled qualities to both digital video and digital audio, you do not have to mess around with several AV cables.

.. **USB-Host**

With 2 USB 2.0 Host ports, you can attach the additional external USB Hard Disc Drives to further extend the storage capacity.



2. Introduction

2.2 Package Contents

Find out whether you have received the following items with your player



Bono Media Player



A/V Cable



Component Cable



LAN Cable



Installation CD



Instruction Manual



Remote Control

Minimum System and Network Requirements

Windows 2000 / Windows XP / Windows Vista operating systems

Pentium 4 over 1GHz processor speed

256MB or above memory

100MB or above free hard disk space

Sound card (16-bit)

Graphics Card (24-bit color)

Cable or DSL modem

256 Kbps upstream network speed

Home network router



2. Introduction

2.3. Technical Specification

Connectivity

- * UPnP SSDP, UPnP AV
- * NAS access : U Server (FTP)

Media files supported

- * Video containers:
 - MPEG1/2/4 Elementary (M1V, M2V, M4V)
 - MPEG1/2 PS (M2P, MPG)
 - MPEG2 Transport Stream (TS, TP, TRP, M2T, M2TS, MTS)
 - VOB, AVI, ASF, WMV, Matroska (MKV), MOV (H.264), MP4, RMP4
- * Video codecs:
 - XVID SD/HD
 - MPEG-1, MPEG-2, MP@HL, MPEG-4.2, ASP@L5, 720p, 1-point GMC, H.264
 - BP@L3, MP@L4, HP@L4, HP@L4_1, VC-1, MP@HL, AP@L3
- * Audio containers:
 - AAC, M4A
 - MPEG audio (MP1, MP2, MP3, MPA)
 - WAV, WMA, FLAC, OGG
- * Audio codecs:
 - AC3, DTS, WMA, WMA Pro, AAC, MP1, MP2, MP3, LPCM, FLAC, Vorbis
- * Audio pass through : DTS, AC3, DTS-HD MA, DTS-HD HR, Dolby True HD, Dolby Digital Plus
- * Photo formats : JPEG, BMP, PNG, GIF
- * Other formats: ISO, IFO
- * Subtitle formats : SRT, SMI,

Chipset

- * Sigma Designs SMP8635

Memory

- * 256MB DDR SDRAM, 32MB Flash

Audio/Video outputs

- * HDMI v1.3a (up to 1080p)
- * Component Video (up to 1080p)
- * Composite Video
- * Stereo Analog Audio
- * S/PDIF Optical Digital Audio

Interface

- * 2x USB 2.0 host (placed back panel)
- * SATA
- * Hardware Reset Button

Network

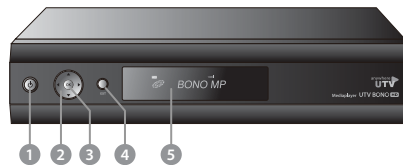
- * Ethernet 10/100



2. Introduction

2.4. Getting familiar with your Media Player

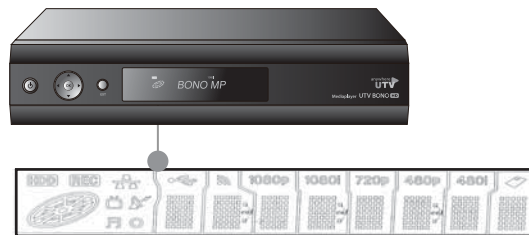
2.4.1 Front View



Connectivity

- 1 POWER
- 2 Menu Navigation button
- 3 Select / OK button
- 4 X button
- 5 VFD screen

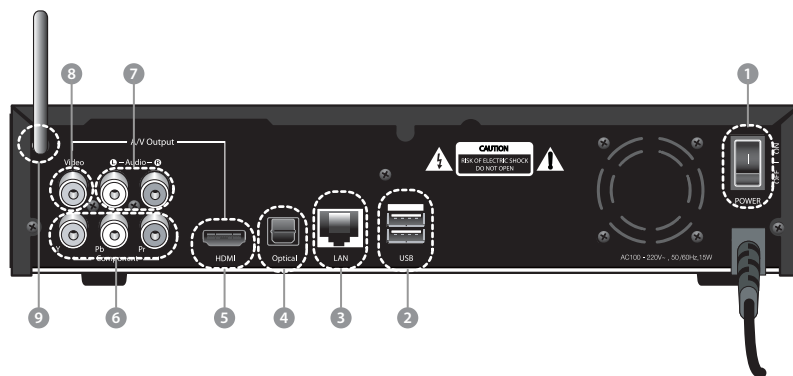
2.4.1 Front VFD












VFD ICONS	DESCRIPTION
	BD embedded
	Wired networkconnected
	Video in use
	Music in use
	Photo in use
	USBconnected
	Wireless networkconnected
	Currently setting TV output
	When Movie / music / photo playback lighting in S10995 order

2. Introduction

2.4.3. Rear View



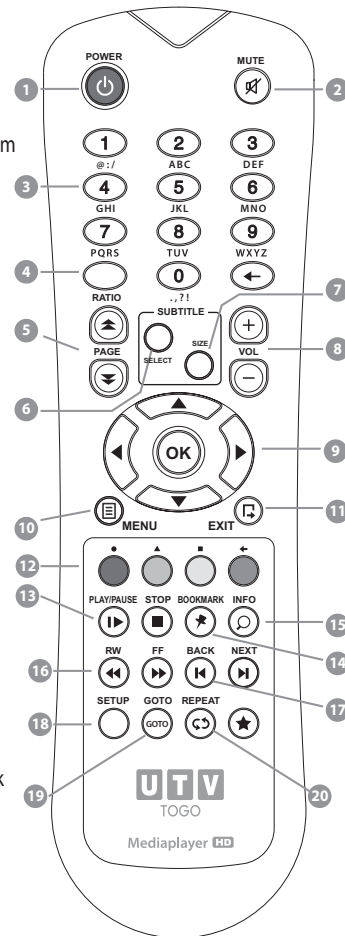
VFD ICONS	DESCRIPTION
	① Power
	② USB 2.0 Host A-Type 2
	③ 10/100 Mbps (RJ45) LAN
	④ Optical port
	⑤ HDMI port
	⑥ Component port
	⑦ Stereo RCA port
	⑧ Composite port
	⑨ Wireless Antenna Jack



2. Introduction

2.4.4. Using the remote control

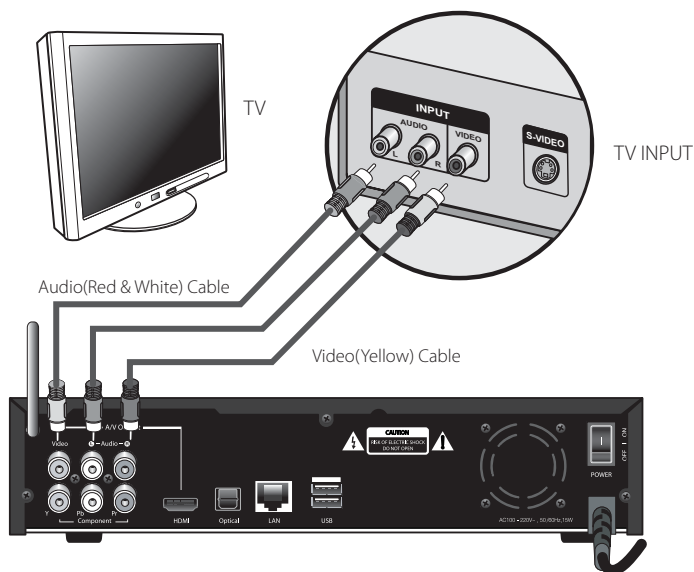
- 1 **Power On/Off button**
- 2 **Mute button**
- 3 **Numeric buttons** : enter the numbers and IP address
- 4 **Ratio button** : selects the screen size [Default, full, Pan & Scan, Zoom and half] when the playbacks video.
- 5 **Page Up/Down button**: move the Next / Previous page in the file list menu and adjust the subtitle sync in the file playback.
- 6 **Select button** : selects the subtitle file in the video playback .
- 7 **Size** : changes the subtitle size [Small / Normal / Large / Off]
- 8 **Volume Up / Down button** : adjusts the volume.
- 9 **Navigation Arrow button** : change options for a menu items and navigate in the menus
* During the video file playback , Up/Down buttons are using in 1 minute FF/REW function and Left/Right buttons are using in 4X ~ 64X FF/REW functions
- 10 **Menu button**: displays the main menu
- 11 **EXIT button** : goes back to the previous screen
- 12 **Color buttons** : selects the functional sub-menus
- 13 **Play/Pause/Stop button** : starts playback / pauses playback / stops playback
- 14 **Bookmark button** : sets the BOOKMARK during the video playback
- 15 **Info button** : displays the information for the currently playing media file.
- 16 **FF/REW buttons** : use in 4X ~ 64X FF/REW function
- 17 **Back/Next buttons** : goes to previous/ next file
- 18 **Setup button** : goes to directly Setup Menu
- 19 **GOTO button** : uses Time-Stamp function based the Search and FF/FR
- 20 **Repeat button** : repeats media file playback





3. Basic Installation

3.1. Connecting to TV with the Composite Input



Connect Video/Audio output of the Media Player and Video / Audio input of TV with composite cable.



CAUTION

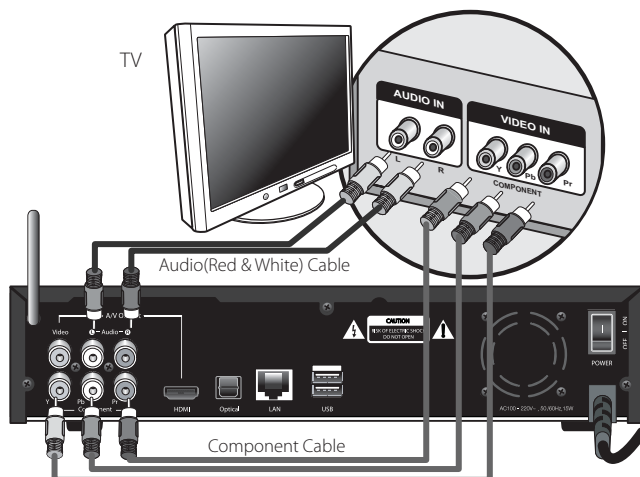
Default setting of TV OUT in Media player is Component, and in the event that you connect the Media player to the TV with the Composite cable, there is no display on TV screen .
After you connect the composite cable, press STAR button repeatedly on your remote control until "PAL (NTSC) composite " is displayed on VFD. Then after 5 seconds, you can get the Main menu of the Media player.





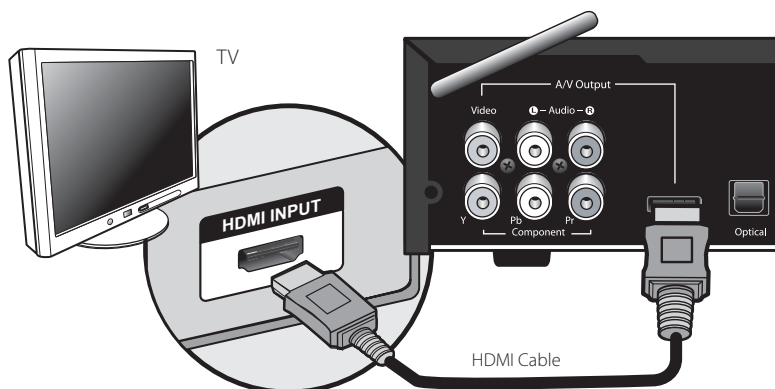
3. Basic Installation

3.2. Connecting to TV with the Component Input



Connect component cable between component output of your Media Player and component input of the TV
Connect audio cable between audio output of your Media Player and audio input of the TV (red and white cables)

3.3. Connecting to TV with HDMI cable



This connection provides the best video and audio quality.
Connect HDMI output of the player and HDMI input of the television with HDMI cable.

(Notice: HDMI cable is excluded from the Packing Contents)



Tips

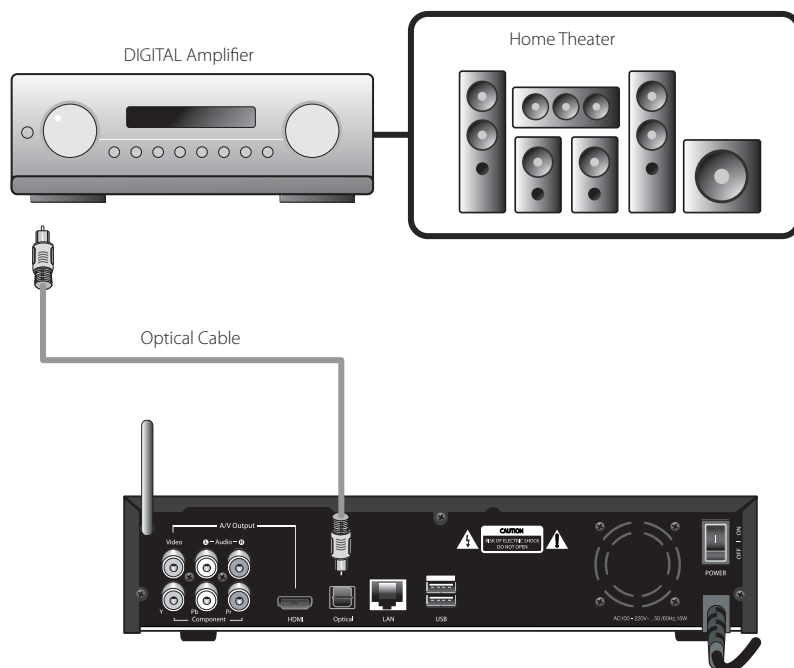
After you connect the video cable to your TV, press the (★) button repeatedly on your remote controller until you get the initial screen or main menu of your Media player.



3. Basic Installation

3.4. Connecting to other audio devices

This connection is for digital 5.1 CH Amplifier and 6 speakers with your Media player



If you have a multi-channel decoder/amplifier with an optical input, you can enjoy 5.1CH highquality sound through the optical cable .

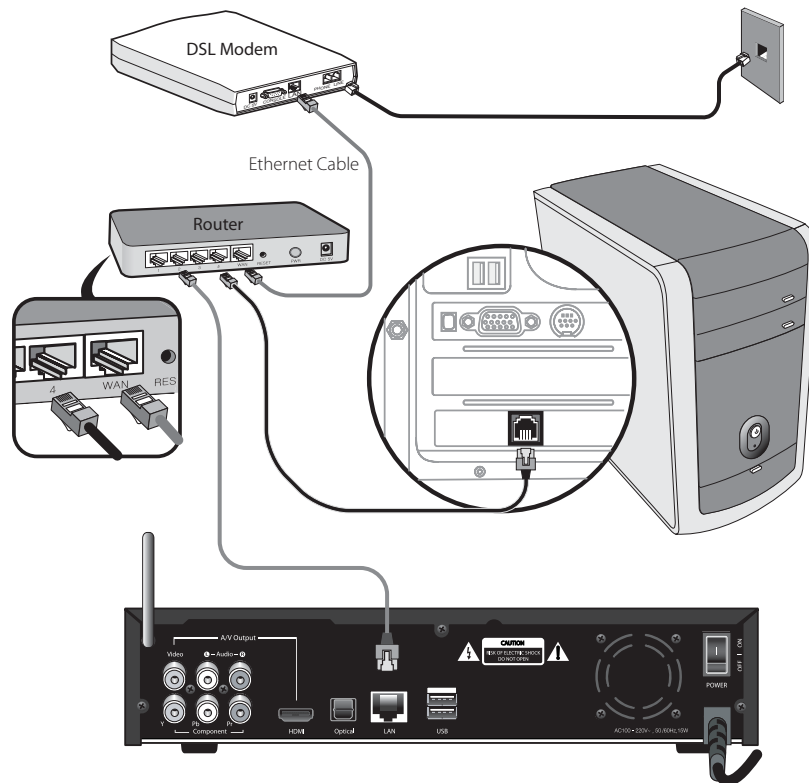
Connect the optical cable between your Media player and the other audio devices.

(Notice: Optical cable are excluded in the Packing contents)



3. Basic Installation

3.5. Connecting your Media Player to Home Network (Wired)



You need a Router (Wired or Wireless) to connect the Media Player and your PC.

Use LAN cables to connect the Media Player and your PC to your Router for sharing the media files residing Within folders or drives on your wired - networked PC with Media Player



3. Basic Installation

3.6. Powering – up your Media Player



Connect the power cord to an electrical outlet. After plug in and switch on, the player is in stand – by. Press Power button on the RCU, the blue light on the front of the player comes on, and the player gets started.

3.7 Inserting Batteries in the remote control



1. Open the battery compartment by removing the lid
2. Insert the batteries with the right polarity (marked on the base of the battery compartment)
3. Close the battery compartment

If the player no longer reacts properly to remote control commands, the batteries may be flat. Make sure to remove the used Batteries.

The manufacturer accepts no liability for damage resulting from leaking batteries


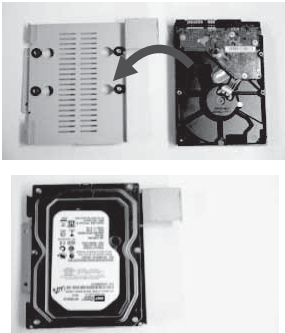

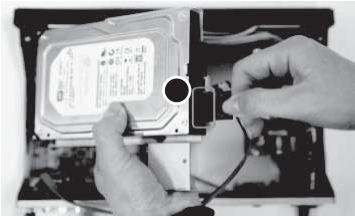


3. Basic Installation

3.8. Installing an internal Hard Disk Drive



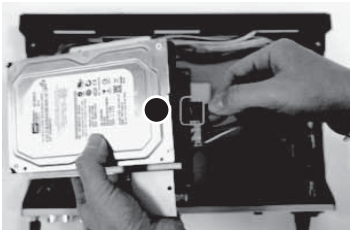
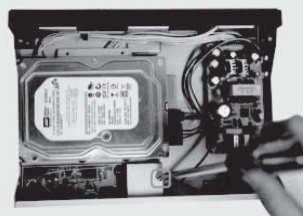

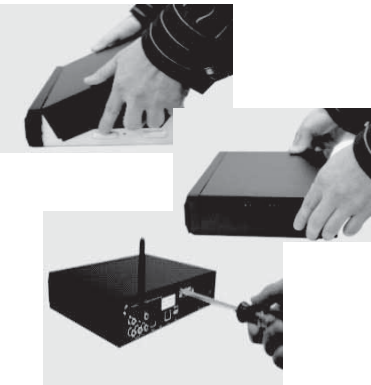
WARNING Before installing the internal HDD, you must plug out the media player

STEPS	PICTURES	DESCRIPTION
STEP 1		Unscrew 3 points in the rear panel and open the top case.
STEP 2		Place the HDD and a HDD support (included in the accessory box) as the picture and put the HDD upon a support.
STEP 3		After turning them over, screw 4 points.
STEP 4		Connect a cable with 2 black lines, 1 yellow line and 1 red line into the matching connector.



3. Basic Installation

3.8. Installing an internal Hard Disk Drive

STEPS	PICTURES	DESCRIPTION
STEP 5		Connect a cable in red into the matching connector.
STEP 6		Place the assembled HDD on the main board matching the screw points as the picture and screw 3 points
STEP 7		Screw a point as the picture
STEP 8		Close the top case as the picture and screw 3 points in the rear panel.



3. Basic Installation

3.9. Formatting the Hard Disk

After installing the internal HDD, please format the HDD for full usage in Media player.

Go to System tab in Setup menu and select HDD Format .

Confirmation message will displayed in popup window and select "Yes "

Then HDD format gets started.



Note

After installing the internal HDD by yourself , you should format the HDD regardless of new or used one.



4. Basic Setup

Before using the Media Player, you may need to configure your Media player to work with your display (TV) and Network. Go to the Setup Manager and you can do initial settings

4.1. Video Setting



- TV Type : Select the TV standard between NTSC and PAL
 - ☞ Auto switch : is used when the video out is changed according to the NTSC, PAL or 24Hz format
- TV Ratio : Select the TV screen ratio between 16:9 and 4:3
- Video Output : The default video setting is Component. Select the video port you connected among Composite / Component / HDMI .
- Resolution : Select this when you connect the video through a component or HDMI cable
 - ☞ HDMI : Auto EDID, 480i / 576i , 480P/576P, 720P, 1080i, 1080P
1080i is recommendable to work on all HD grade TVs
 - ☞ Component /DVI : 480i / 576i , 480P/576P, 720P, 1080i, 1080P



4. Basic Setup

4.2. Network setting



- Network type
Select the network type between Wireless and Wire Default setting is Wireless
- IP Setting
Select and set the IP between DHCP and Static IP

☞ DHCP : Default setting

☞ Static IP : If you cannot access via LAN with DHCP, use the Static IP setting

When you select Static IP, network setting window is displayed.

Enter the IP address, Subnet Mask, Gateway and DNS Server manually with the numeric keys on the remote controller and press OK button.



- Network information
You can check the network information of your Media Payer





4. Basic Setup

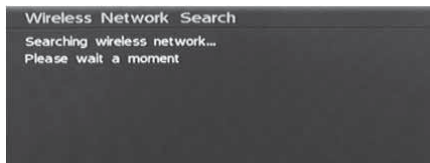
4.3. Wireless Network setup

4.3.1 Wireless Network Setup

1. Select the network type : Wireless
2. After selecting DHCP, press " Search Wireless Network " for searching your AP or AP Router



3. Press " Wireless Network Search " for searching your AP or AP Router



4.3.2 Wireless Network Search

After the interval of searching, in the event that the Wi-Fi network is successfully searched, you can see the AP list, and select the AP you want to get connected with.



Tips

You can see the AP with a lock icon meaning WEP (Wired Equivalent Privacy) setting and the AP with an unlocked icon meaning non-WEP setting.



4. Basic Setup

4.3.3 AP setting in case of WEB AP



In case that you select SSID with WEP setting, the popup menu with SSID network key input is displayed and insert the network key using the numeric buttons on the remote controller . After entering the network key , press OK. Then popup menu of the Wireless Network Information setting in the Media player is displayed.



Tips

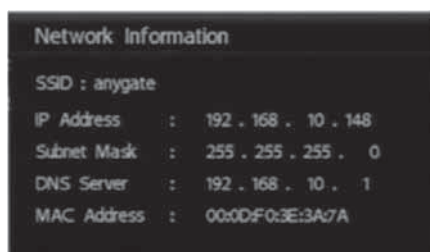
The secured network key can be checked or set in the WEP Key menu of your router (Refer to your router's Instruction manual)



Note

The WEP 64 Bit key is only supported and WPA (Wi-Fi Protected Access) or RADIUS Server are not supported.
In addition, HEXA key input is supported but ASCII key input is not supported

4.3.4 Wireless Network Information



Note

In the event that using wireless AP is not set in DHCP or the network key is not entered correctly, Subnet Mask and DNS Server as well as IP are not displayed.



4. Basic Setup

4.4. PC Network connection

There are 2 methods for PC connection in Bono Media player: UPnP and Samba (NAS)

4.4.1. UPnP (using U-Server)



After installing the U-Server program (enclosed in package) in the locally connected PC, set the U-Server " Enable " in Network tab of Setup menu. Then Media player will detect the U-Server – installed & locally connected PC and display the files of the PC in the screen.



Tips

For U-Server installation, refer to 7.2 Using the U-Server .

4.4.2. Samba (NAS)

1) Network disk selection

Select the one of 3 Network disks and set it Enable



Tips

Maximum 3 PCs can be connected with Media player



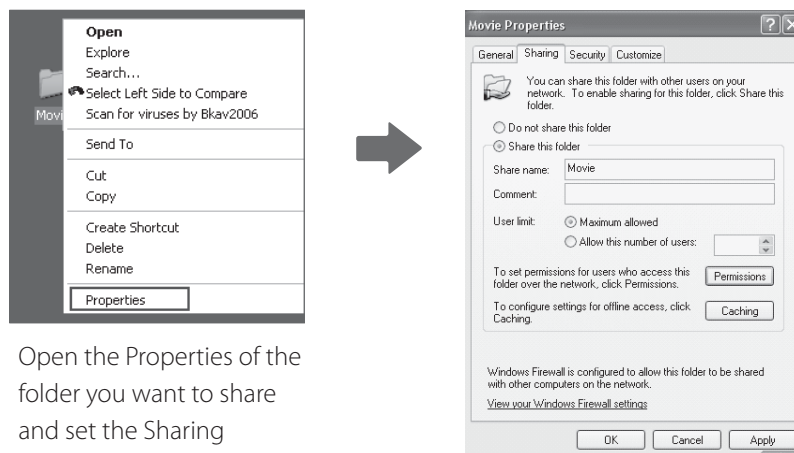
4. Basic Setup

2) IP and folder name setting



Input the IP address of the PC and Folder name you want to connect and press SAVE button

3) Setting the folder to be shared



Open the Properties of the folder you want to share and set the Sharing

4.4.3. The displaying order of PCs in the PC tab of Movie, Music and Photo

PCs connected using Samba (NAS) are displayed first and shown as Network disk 1 or Network disk 2 in the list. Then PCs connected using UPnP are displayed in the list and shown as the local PC name.



4. Basic Setup

4.5. OSD Setting



- **Language :**
Select your language preference from the options
- **OSD display :**
Select the type of OSD display. We recommend the Normal mode
- **Subtitle Color**
Change the color of the subtitle
- **Font**
Select the font between Gulim and Godic
- **Screen Saver :**
Select the screen saver Enable or Disable. In the event of " Enable ", screen saver will work when the pause status or playback of audio (without slide show)
- **Slide Show deley :**
Set the Slide show time interval(7/ 9/ 12 sec)



4. Basic Setup

4.6. System setting



- **System Information**

You can check the system information of Media Player; such as Model number, System version, Registration number and Product Mac Address.

- **HDD Information :**

You can check the status of internal HDD Storage of the Media player

- **HDD Format**

You can format the internal HDD storage of the Media player.

[**Warning** : In the event that HDD Storage is formatted, all contents will be permanently deleted and unrecovered.]

- **Firmware update**

You can update the firmware after checking the version (refer to Chapter 8)