FCC NOTE

: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.

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
 THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE
 CAUSED UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH
 MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

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Introduction

MediaGate MG-35 is brand-new digital multimedia player supporting dual data access mode via 3.5" HDD inside and 10/100Mbps Network. Easily enjoy Digital Movie, Digital Music, Digital Photo data of 3.5" HDD inside and Networking PC's hard disk drive on your TV.

- ➤ Dual Data Access Mode via 10/100Mbps LAN and 3.5" HDD inside
- > Digital Multimedia Player via Home TV or Car TV
- ➤ USB 2.0 External Storage via PC(NTFS, FAT32)
- > Audio Stereo, Digital Coaxial & Optical 5.1ch. Sound
- ➤ Video Composite, S-Video, HD Component 480p, 720p, 1080i
- > DVD Manager Playback of DVD File same as Original DVD Title
- > Easy Firmware upgrade.

Specifications

Product Name		MediaGate MG-35	
Power		5V 1.5A /12V 1.5A	
Weight		450g (without HDD)	
Dimension		57 x 150 x 185 mm	
Available OS		Windows 98/SE/ME/2000/XP, Mac OS 9.0 Higher, Linux 2.4 Higher	
USB Interface		480Mbps USB 2.0 (USB 1.1 Compatible) / Slave	
Network Interface		10/100 Mbps LAN (RJ-45)	
HDD Type		3.5"IDE HDD	
HDD File System		NTFS / FAT32	
TV Type		NTSC / PAL	
	Movie	MPEG 1, 2, 4 (MPG, MPEG, AVI, M2V, DAT, VOB, IFO etc.)	
Supported Format		DivX, XviD (except GMC, Qpel option applied)	
Supported Format	Music	MP3, OGG Vorbis, WAV, WMA (except WMA9 pro.lossless)	
	Photo	JPG(JPEG)	
		COMPOSITE	
Video Output		S-VIDEO	
		COMPONENT Y, Pb, Pr (480p, 720p, 1080i Progressive Scan)	
Audio Output		STEREO L-R	
		DIGITAL COAXIAL, OPTICAL (DTS Pass-Through Only)	
Working Temperature		0°C ~ 60°C	
Working Humidity		10% ~ 50%	

Precautions

- We strongly recommend you to back up the data to another safe media. We are not responsible for data damage or loss in built-in HDD.
- It's better unplug the power adaptor when you don't use for a long time.
- MG-35 does not support the DivX, XviD codec of video files that has GMC, Qpel option.
- MG-35 supports only "Pass-Through" for DTS Audio codec.
- Don't power off while a file is playing.
- If the length of USB cable is too long, it may not be connected smoothly (Recommend: up to 3 meters)
- If you have USB 1.1 Host Adapter, MG-35 is working at USB1.1 speed.
- On less than 6GB HDD, data damage or loss may be caused. We recommend you to use more than 6GB HDD.
- [Very Important]: If unformatted HDD is insert into mg-35, a PC can not detect the HDD. Make sure that the HDD is formatted
- Be careful of dropping or impact or shock. If a HDD is damaged by dropping, impacting, shocking, then contact
 manufacturer or the seller.
- We recommend you to use the all supplied cables or accessories that are customized for the best performance of ma-35r. Using other cables or accessories may not support the best performance.
- [Very Important]: Be away from water, heavy moisture. If MG-35 has a liquid, unplug from a PC or Power right away. If you use MG-35 under this condition, the HDD may be fired or you may have electric shock.
- Don't touch MG-35 by wet hands. It may cause electric shock.
- Be away from heat, a direct ray of light.
- Be away from devices that transmit strong magnetic signal. It may cause data damage or loss on HDD.
- Don't disassemble as the user's own accord. It may cause MG-35 damaged or loose the data.

System Requirements

- USB Requirements
- Windows 98SE, ME, 2000, XP / MAC OS 9.0 higher / Linux 2.4.x higher
- Available USB 2.0, 1.1 Port (Recommend USB 2.0)
- Network Requirements
- Windows 98SE, ME, 2000, XP
- Available 10/100 Ethernet LAN Port, RJ-45 (Recommend 100Mbps)

Package Content

MG-35 & Cradle, Remote Control & Battery, Composite + Stereo L-R Cable, USB Cable, Power Adapter, Windows
 98 Driver CD, User Manual

Product Overview

- Front View -



	① ENTER	Select or play a file
	② △▽◁ ▷	Navigation Key, Up, Down, Left, Right
Front View	③ POWER	Power On, Off
	4 PLAY / PAUSE	Play all files from selected file / Pause
	⑤ STOP / INIT	Stop / Return to Mode Selection Screen
	⑥ IR	IR receiving area for remote signals
	① PWR	Power LED
	® NET	Network LED
	9 HDD	HDD LED

- Back View -



	① IR-EXT	Connect external remote control IR receiver	
	② USB	Connect USB cable	
	③ OPTICAL	Connect Optical cable for 5.1 ch. digital audio output	
	4 S-VIDEO	Connect s-video for video output	
Back	⑤ COAXIAL	Connect coaxial cable for 5.1 ch. digital audio output	
View	⑥ Y, PB, PR	Connect component Y, Pb, Pr cable for video output	
⑦ LAN		Connect lan cable for networking	
	® PWR	Connect power cable	
	CVBS	Connect composite cable for video output	
	10 STEREO L-R	Connect stereo cable for audio output	

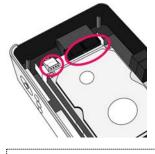
1. Use as External USB HDD

1.1 Insert Hard Disk

- ✓ Use 3.5" IDE Hard Disk for Desktop.
- \checkmark Hard Disk should be "Master". However, if the Hard Disk supports "Single" mode, you need to try to set "Single "mode.



① Unscrew 4 spot and open the side cover case with pulling to the arrow direction



② Connect Power and IDE connector to Hard Disk.



③ Close the side cover case with pulling to the arrow direction.



4 Finish assemble with screwing 4 spot,

1.2 Format Built-in HDD via USB

If the built-in HDD is not formatted, PC can not detect the hard disk drive. If so, format the hard disk first referring to the following guide. * If the hard disk drive is all ready formatted, see "1.3 Use Built-in HDD via USB".

1.2.1 Windows 98SE, ME

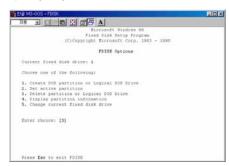
- 1) Install Windows 98 Driver. Find the driver at Windows 98 CD→MediaGate MG-35→English→Windows 98 Driver Directory. After finishing installation, Connect MG-35 to PC via USB cable, and plug power cable of MG-35.
- Select [Start→Program→Accessories→MS-DOS Prompt] on Windows.
- Type "fdisk" command at Command Prompt window and press [Enter].



4) Type the "Y" at the "Do you wish to enable large disk support (Y/N)" and press [Enter].



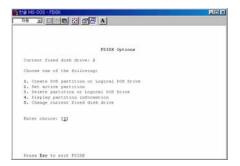
5) Select "5. Chang current fixed disk drive" and press [Enter].



6) Type the last Disk number in 0% usage.



 Select "1. Create DOS partition or Logical DOS Drive" and press [Enter].



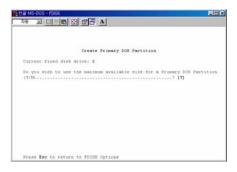
8) Select " 1. Create Primary DOS Partition " and press [Enter].



9) Wait until finishing verifying the drive integrity.



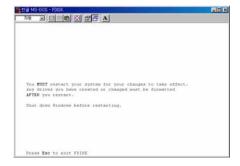
10) After finishing drive integrity verification, type "Y" at "Do you wish to use the maximum available size for a Primary DOS Partition (Y/N)".



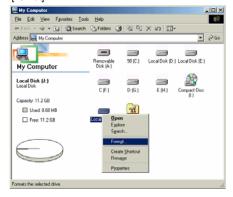
- Type the capacity or % which you want to use and press [Enter].
- 12) Drive integrity verification will start again. After finishing that, press [ESC] key when the "Primary DOS Partition created, drive letters changed or added" message displays.



13) Press [ESC] key again. "Shut down Windows before restarting" message will be displayed. Press [ESC] key finally for exiting FDISK.

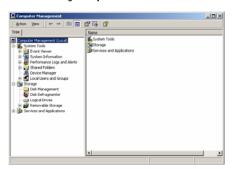


- 14) Type "exit" command at "C:\WINDOWS>" and press [Enter] for returning to windows screen.
- 15) Unplug the Mpeg4 Player and plug again. New volume will be appeared at [My Computer]. Click mouse right button at the new volume and select IFormatl.

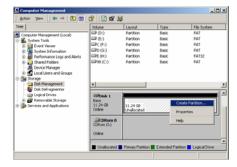


1.2.2 Windows 2000

- 1) Connect MG-35 to PC via USB cable, and plug power cable of MG-35
- Select [Start → Settings → Control Panel → Administrative Tools → Computer Management → Disk Management] on Windows.



- 3) If the [Disk Signature and Upgrade Disk Wizard] is started, click Next to progress for finishing the wizard.
- After finishing the [Disk Signature and Upgrade Disk Wizard], Right-click the Unallocated Drive. And then, click [Create Partition].



5) Click [Next] at the Create Partition Wizard Windows



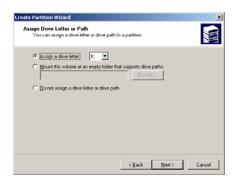
6) Check [Primary Partition] and click [Next].



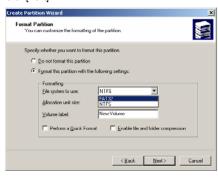
7) Type number that you want to use and click [Next].



Assign a drive letter and click [Next].



9) Choose FAT32 or NTFS at File system to use and click [Next].



- ✓ FAT 32 system is available on windows 98SE/ME/2000/XP, but NTFS system is available on windows 2000/XP only.
- ✓ If you choose FAT32 system on Windows 2000/XP, one drive letter's maximum size will be limited to 32GB. If you want to use one drive letter of 32GB more, you have to format on windows 98/SE/ME.
- ✓ If you want to create two or more partition with one disk drive, it will be recommended "Primary Partition"
- 10) After finishing Wizard setup, formatting will be progressed automatically.

1.2.3 Windows XP

- 1) Connect MG-35 to PC via USB cable, and plug power cable of MG-35
- Click [Settings→Control Panel→ Administrative Tools→Computer Management→Disk Management] on Windows.

If you can't find Administrative Tools at Control Panel, click "switch to classic view" in left — up corner on screen.

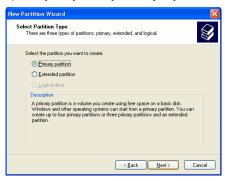
- If the [Disk Signature and Upgrade Disk Wizard] starts, click [Next] to progress for finishing the wizard.
- 4) After finishing the [Disk Signature and Upgrade Disk Wizard], Right-click the **Unallocated** Drive. And then, click [Create Partition].



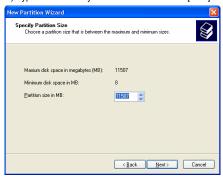
5) Click [Next] at the New Partition Wizard.



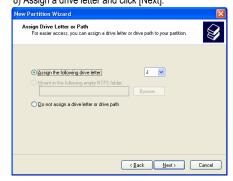
6) Check [Primary Partition] and click [Next].



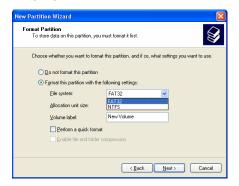
7) Type number that you want to use and click [Next].



8) Assign a drive letter and click [Next].



9) Choose FAT32 or NTFS at File system to use and click [Next].



- ✓ FAT 32 system is available on windows 98SE/ME/2000/XP, but NTFS system is available on windows 2000/XP only.
- ✓ If you choose FAT32 system on Windows 2000/XP, one drive letter's maximum size will be limited to 32GB. If you want to use one drive letter of 32GB more, you have to format on windows 98SE/ME.
- ✓ If you want to create two or more partition with one disk drive, it will be recommended "Primary Partition"
- 10) After finishing Wizard setup, formatting will be progressed automatically.

1.3 Copy Data via USB

It is possible to use as a external USB hard disk drive in case of inserting hard disk into MG-35. You can copy data from your PC to built-in HDD of MG-35 via USB. It is possible to play media files at the hard disk on TV set.

* When connecting PC, you have to connect power cable of MG-35.

1.3.1 Windows 98SE

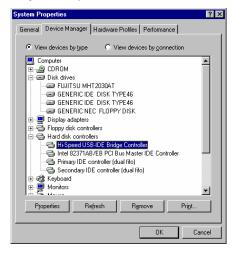
✓ First, you have to install Windows 98 Driver before connecting PC. Find the driver at Windows 98 driver CD

MediaGate MG-35

English

Windows 98 Driver Directory. After finishing installation, Connect MG-35 to PC via USB cable, and plug power cable of MG-35.

1) After installing the driver and when you connect mg-35. And then, check the driver installation at Windows [Start→Settings→Control Panel→System →Device Manager→Hard disk controllers→Hi-Speed USB-IDE Bridge Controller].

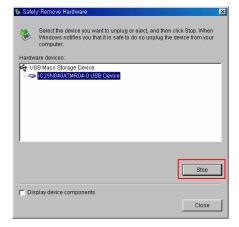


2) Check 'My Computer' or 'Explorer', there should be a new volume. You can copy any data to this volume.

✓If new volume is not be appeared, check HDD format or not, and HDD file system. Windows 98SE only detect FAT32 file system.



 After copying data, remove MG-35 with using remove icon at Windows right-down corner. If you don't follow this procedure, data and MG-35 may have damage.



1.3.2 Windows ME

1) After connecting mg-35. Windows itself will install driver automatically. And then, check the driver installation at Windows [Start > Settings > Control Panel > (view all Control Panel options) > System > Device Manager > Universal Serial Bus controllers > USB Mass Storage Device]



2) Check 'My Computer' or 'Explorer', there should be a new volume. You can copy any data to this volume.



✓ If new volume is not be appeared, check HDD format or not, and HDD file system. Windows ME only detect FAT32 file system. 3) After copying data, remove MG-35 with using remove icon at Windows right-down corner. If you don't follow this procedure, data and MG-35 may have damage.



1.3.3 Windows 2000, XP

1) After connecting mg-35. Windows itself will install driver automatically. And then, check the driver installation at Windows [Start > Settings > Control panel > (switch to classic View on Windows XP) > system > Hardware > Device manager > Universal Serial Bus controllers > USB Mass Storage Device I.



2) Check 'My Computer' or 'Explorer', there should be a new volume. You can copy any data to this volume.



✓If new volume is not be appeared, check HDD format or not. W and HDD file system. Windows 2000, XP detect both FAT32 and NTFS file system. After copying data, remove MG-35 with using remove icon at Windows right-down corner. If you don't follow this procedure, data and MG-35 may have damage.



✓When you see 'Non High-Speed USB Hub Message'
The message will be displayed On windows XP when you plug MG-35 into USB 1.1 spec. Host adapter.

1.3.4 Linux

✓ It can be available at Linux 2.4 higher.

[Automatic Mount]

After booting, do log-in.

Connect MG-35 -> Power On MG-35 -> Check the detection with [fdisk] -> make Mount Pointer (ex. mediatest) at Folder Mount(/mnt) -> Edit [/etc/fstab] -> add the following;

/dev/sda /mnt/mediatest vfat noauto, user 0 0 (in case of FAT32 HDD) /dev/sda /mnt/mediatest ntfs noauto, user 0 0 (in case of NTFS HDD) Do Log-in again.

✓ above example "sda" is assumed that the Mpeg4 Player will be detected as "sda" on your system. If not, you have to write the drive name which is detected as "USB Mass Storage", not "sda"

[Manual Mount]

Connect MG-35 -> Power On MG-35 -> Check the detection with [fdisk] -> make Mount Pointer (ex. mediatest) at Folder Mount(/mnt) -> Edit [/etc/fstab] -> add the following;

mount –t vfat /dev/sda /mnt/mediatest (in case of FAT32 HDD) mount –t ntfs /dev/sda /mnt/mediatest (in case of FAT32 HDD)

✓ above example "sda" is assumed that the Mpeg4 Player will be detected as "sda" on your system. If not, you have to write the drive name which is detected as "USB Mass Storage", not "sda"

[How to stop using]

Do [unmount] at Device Control.

1.3.5 Mac

✓ It can be available at Linux 2.4 higher.

No need to install the installation driver at Mac OS 9.x version and the MG-35 will be detected automatically. If the MG-35 is detected correctly, an icon is appeared at a monitor.

When removing MG-35 safely, drag the icon to a trash and unplug mg-35.

2. Access PC via Network

2.1 Connect LAN Cable

When connecting Computer to MG-35

When connecting with IP Router or Hub



Connect LAN cable to LAN port between MG-35 and PC. In this case, you have to use Cross LAN cable type generally.

[TIP] If the computer's LAN card was connected to Internet line, you can mount additional LAN card to your PC and connect additional LAN card to MG-35.



Connect LAN cable to LAN port between IP Router or Hub.

In this case, you have to use Direct LAN Cable type generally.

2.2 Set Network Configurations

After connecting LAN cable, you have to set network configurations of Computer and MG-35.

You need to share a folder on Windows computer and use same 'IP Address range' and same 'Subnet Mask ' between Windows computer and MG-35. For example,

	Computer	MG-35	
IP Address	192.168.1.2	192.168.1.3	
Subnet Mask	ask 255.255.255.0 255.255.255.0		

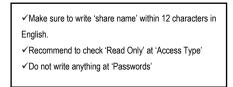
^{*}It is possible to assign IP address and Subnet Mask of MG-35 as dynamic or static.

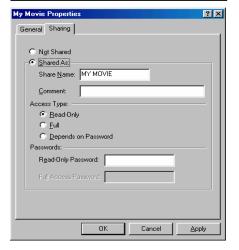
2.2.1 Windows 98SE, ME

1) Select a folder which you want to share. Right-click the folder and click 'sharing' in pop menu.



2) Check 'Shared as' and write 'Share Name'. For example, "My Movie"



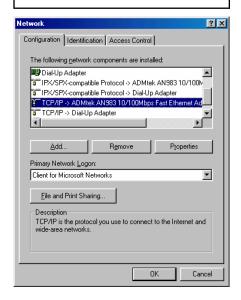


3) After that, the shared folder will be displayed as following picture.



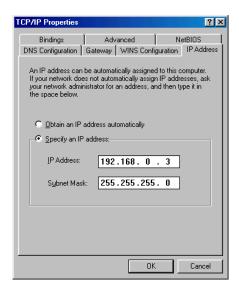
4) Move to [Control panel > Network], and double click 'TCP/IP->LAN card' that you want to use on your computer.

✓ In order to see LAN Card name, move to [Control Panel>System>Device Manager>Network adaptors].



5) Check 'Specify an IP address', and write 'IP address' & 'Subnet mask' that you want to use. For example,

IP address: 192.168.1.3 Subnet mask: 255.255.255.0



✓If you have already been 'obtained an IP address automatically' from DHCP Server or IP Router on your local area network, you don't need to write specific IP address absolutely. Use 'Obtain an IP address automatically' or write IP address & Subnet mask that DHCP Server or IP Router provide.

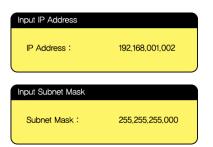
6) Set the network configurations of MG-35.

✓You have to connect MG-35 to TV set for this setup. See "3.1.1 Connect Video Cable".

Press [SETUP] of remote control for moving to setup screen. On that screen, select 'DHCP Offf' and write IP address & Subnet mask.

For example.

IP Address: 192.168.1.2 Subnet mask: 255.255.255.0 After writing, press [SETUP] again for saving configurations.



✓If you have already been provided dynamic IP address from DHCP Server or IP Router on your local area network, you don't need to write static IP address absolutely. Use 'DHCP on' or write IP address & Subnet mask that DHCP Server or IP Router provide.

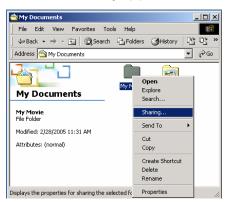
✓ Check 'IP address obtained automatically'
When you use 'DHCP On', you can see the IP address in
MENU screen after selecting 'PC-Network] icon in Mode
Selection screen.



<MG-35's IP Address>

2.2.2 Windows 2000

1) Select a folder which you want to share. Right-click the folder and click 'Sharing' in pop menu.



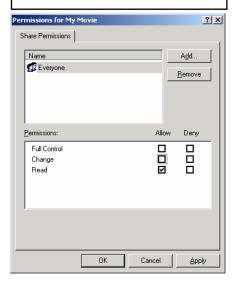
2) Check 'Share this folder' and write 'share name'. For example, "My Movie"

✓ Make sure to write 'share name' within 12 characters in English.



3) Click 'Permissions' and check whether "Everyone" account is or not. If not, add "Everyone" account.

 $\begin{center} \checkmark \text{Recommend only to use 'Read>Allow' at Permissions}. \end{center}$

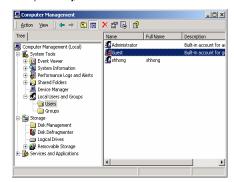


4) After that, the shared folder will be displayed as following picture.

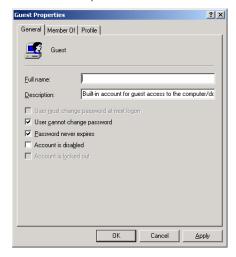


My Movie

5) Move to [Settings>Control Panel>Administrative Tools>Computer management>Local Users and Groups>Users], and double click 'Guest'.

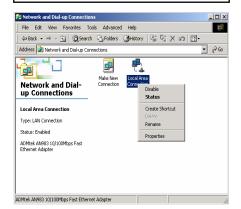


Check 'User cannot change password' and 'Password never expires'.

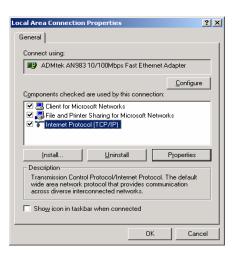


7) Move to [Control Panel>Network and Dial-up Connections], and select Properties of 'Local Area Connections' by right click of mouse.

✓If you see two or more 'Local area connections', select one that you will use for connecting to MG-35.



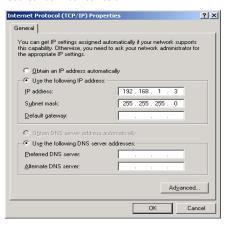
8) Double click 'Internet Protocol (TCP/IP)' that you want to use on your computer.



9) Check 'Use the following IP address', and write 'IP address' & 'Subnet mask' that you want to use.

For example,

IP address: 192.168.1.3 Subnet mask: 255.255.255.0



✓ If you have already been provided dynamic IP address from DHCP Server or IP Router on your local area network, you don't need to write static IP address absolutely. Use 'Obtain an IP address automatically' or write IP address & Subnet mask that DHCP Server or IP Router provide. 10) Set the network configurations of MG-35.

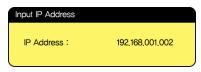
✓You have to connect MG-35 to TV set for this setup. See "3.1.1 Connect Video Cable".

Press [SETUP] of remote control for moving to setup screen. On that screen, select 'DHCP off' and write IP address & Subnet mask.

For example,

IP Address: 192.168.1.2 Subnet mask: 255.255.255.0

After writing, press [SETUP] again for saving configurations.





✓ If you have already been provided dynamic IP address from DHCP Server or IP Router on your local area network, you don't need to write static IP address absolutely. Use 'DHCP on' or write IP address & Subnet mask that DHCP Server or IP Router provide.

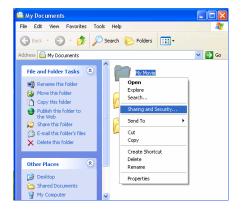
✓ Check 'IP address obtained automatically'
When you use 'DHCP On', you can see the IP address in
MENU screen after selecting 'PC-Network] icon in Mode
Selection screen.



<MG-35's IP Address>

2.2.3 Windows XP

 Select a folder which you want to share. Right-click the folder and click 'Sharing and Security' in pop menu.



2) Check 'Share this folder on the network' and write 'Share name'.

For example, "My Movie"

✓ Make sure to write 'Share name' within 12 characters in English.

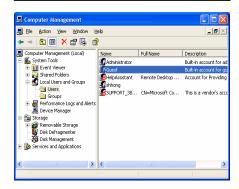


3) After that, the shared folder will be displayed as following picture.

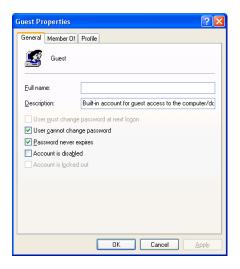


4) Move to [Settings>Control Panel>Administrative Tools>Computer management>Local Users and Groups>Users], and double click 'Guest'.

✓This is for Windows XP Professional. Windows XP Home users can't see this figure. Go to next number 6). ✓If you can't find 'Administrative Tools' at Control Panel, click "Switch to classic view" in left-up corner on screen.



- 5) Check 'User cannot change password' and 'Password never expires'.
- >> See next page



 Move to [Control Panel>Network connections], and select 'Local area connections' properties by right click of mouse

✓If you can't find 'Administrative Tools' at Control Panel, click "Switch to classic view" in left-up corner on screen.
✓If you see two or more 'Local area connections', select one that you use for connecting to MG-35.



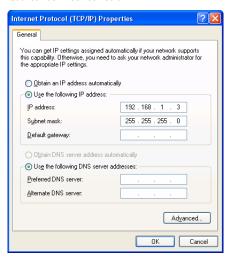
7) Double click 'Internet Protocol(TCP/IP)' that you want to use on your computer.



8) Check 'Use the following IP address', and write 'IP address' 와 'Subnet mask' that you want to use.

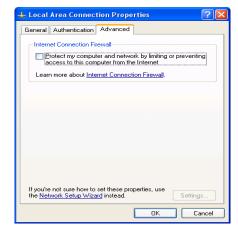
For example,

IP address: 192.168.1.3 Subnet mask: 255.255.255.0



✓ If you have already been provided dynamic IP address
from DHCP Server or IP Router on your local area
network, you don't need to write static IP address
absolutely. Use 'Obtain an IP address automatically on'
or write IP address & Subnet mask that DHCP Server or
IP Router provide.

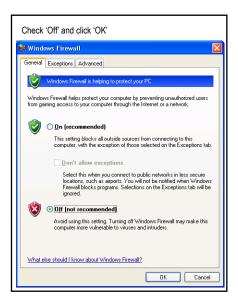
9) At above number 7) figure, click 'Advanced' Tab. Disable 'Internet Connection Firewall'.



✓If you use service pack 2, refer to the following figures.

Click 'Settings' at 'Windows Firewall'





10) Set the network configurations of MG-35.

✓You have to connect MG-35 to TV set for this setup. See "3.1.1 Connect Video Cable".

Press [SETUP] of remote control for moving to setup screen. On that screen, select 'DHCP off' and write IP address & Subnet mask.

For example.

IP Address: 192.168.1.2 Subnet mask: 255.255.255.0

After writing, press [SETUP] again for saving configurations.



✓ If you have already been provided dynamic IP address from DHCP Server or IP Router on your local area network, you don't need to write static IP address absolutely. Use 'DHCP on' or write IP address & Subnet mask that DHCP Server or IP Router provide.

✓ Check 'IP address obtained automatically'
When you use 'DHCP On', you can see the IP address in
MENU screen after selecting 'PC-Network] icon in Mode
Selection screen.



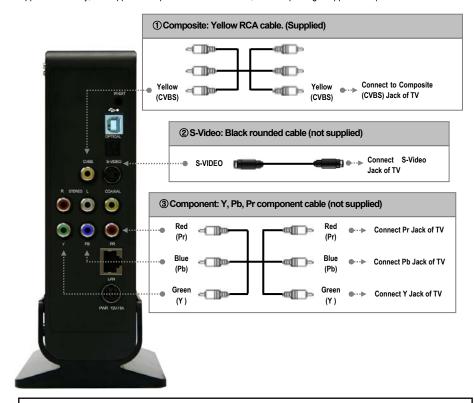
<MG-35's IP Address>

3. Use as Multimedia Player

3.1 Connect to External AV Device

3.1.1 Connect Video Cable

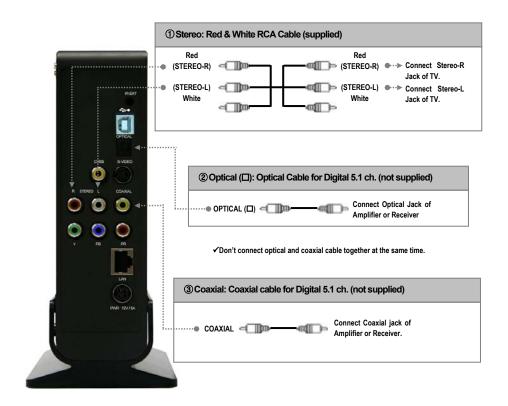
MG-35 supports 3 type of video output; "Composite, S-video, Component". Use video connection that your TV supports. Normally, TV supports composite video connection, and this package supplies composite video cable.



- ✓ When you can not see normal screen after connecting video cable, check followings,
- 1. "TV "- Switch to Video Input Mode: Turn on TV, and switch to video input mode same as video connection. See TV user manual.
- 2. "MG-35" Switch to Video Output Mode: Press [VIDEO] button repeatedly. Whenever press [VIDEO], video output signal is changed.
- 3. After you see normal screen, you have to save video configurations of MG-35 .See "3.2.1 Video Setup".

3.1.2 Connect Audio Cable

MG-35 supports 3 type of audio output; "Stereo, Coaxial, Optical". Use audio connection that your TV or Audio set supports. Normally, TV supports stereo audio connection, and this package supplies stereo audio cable.



✓ When you can not hear sound after connecting Optical or Coaxial Cable, you have to change audio setup of MG-35 as Digital. See "3.2.2 Audio Setup"

3.2 Basic Setup

3.2.1 Video Setup

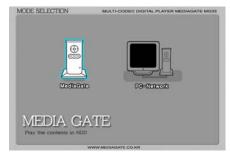
This is guide for setting video output of MG-35. You have to setup MG-35's video output mode same as TV set's video input mode.

- √When you can not see normal screen after connecting video cable, check followings,
- 1. "TV "- Switch to Video Input Mode: Turn on TV, and switch to video input mode same as video connection. See TV user manual.
- 2. "MG-35" Switch to Video Output Mode: Press [VIDEO] button repeatedly. Whenever press [VIDEO], video output signal is changed.
- 3. After you see normal screen, you have to save video configurations of MG-35.

TV Video	MG-35 Video	Connection Jack	Video Cable Type	
Input Mode	Output Mode	of TV, MG-35		
	TV Out: NTSC C/S-Video			
Normal Video	(HD Component OFF)	CVBS or Composite Jack	Yellow RCA Cable	
Normal video	TV Out: PAL C/S-Video	(Generally Yellow Jack)	(Supplied)	
	(HD Component OFF)			
	TV Out: NTSC C/S-Video			
S-Video	(HD Component OFF)	S-Video Jack	S-Video Cable	
S-video	TV Out: PAL C/S-Video	5-VIUEO Jack	* Black rounded	
	(HD Component OFF)			
	TV Out: NTSC C/YPbPr			
Component 480i	(HD Component OFF)			
Component 400	TV Out: PAL C/YPbPr			
	(HD Component OFF) Component 3 Jack		Component Cable	
Component 480p	HD Component Out On 480p	* Y(Green), Pb(Blue), Pr(Red)	* Y(Green), Pb(Blue), Pr(Red)	
Component 720p	HD Component Out On 720p			
Component 1080i	HD Component Out On 1080i			
(ALTOO DAY Objected of TVO that Objects are seen for which is a seen to be a seen t				

✓NTSC, PAL : Standard of TV Output. Select a proper one for using in your country.

< Setup Procedure>





① Turn on MG-35 and press [SETUP] on Mode Selection screen.

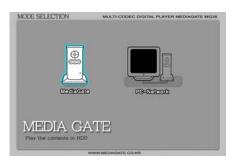
- ② Move to 'TV Out' icon and press [ENTER]. Setup box will be displayed under icon menu.
- ③ Move to Video Output Mode that you want and press [ENTER].
- ④ Finally, press [SETUP] again for saving configurations.

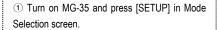
3.2.2 Audio Setup

This is guide for setting audio output of MG-35. You can use Stereo or Digital 5.1 ch...

- ✓ Analogue/DCPM: Select when you connect the supplied audio cables (Red / White) to TV or Audio set directly.
- ✓ Encoded Digital: Select when you want to listen through 5.1Ch / DTS Dolby by connecting receiver (or amplifier) with Optical or Coaxial.

<Setup Procedure>







- ② Move to 'Audio' icon and press [ENTER]. Setup box will be displayed under icon menu.
- ③ Move to Audio Output Mode that you want and press [ENTER].
- ④ Finally, press [SETUP] again for saving configurations.

3.2.3 Network Setup

It is possible to obtain IP address automatically from DHCP Server or IP Router, or set the specific IP address. Check your network environments.

✓ DHCP On: You can use this option when it is possible to obtain IP address automatically from DHCP Server or IP Router.

✓ DHCP Off: When it is not possible to obtain IP address automatically or you connect to your PC directly without DHCP Server or IP Router, you have to use this option. Just write IP address and Subnet mask.

'DHCP On' Setup Procedure





① Turn on MG-35 and press [SETUP] in Mode Selection screen.



- ② Move to 'Network' icon and press [ENTER]. Setup box will be displayed under icon menu.
- 3 Move to DHCP On and press [ENTER].
- 4 Finally, press [SETUP] again for saving configurations.

✓ Check 'IP address obtained automatically'
When you use 'DHCP On', you can see the IP address in MENU screen after selecting 'PC-Network] icon in Mode Selection screen.

<DHCP Off Setup Procedure>





- ① Turn on MG-35 and press [SETUP] in Mode Selection screen.
- ② Move to 'Network' icon and press [ENTER]. Setup box will be displayed under icon menu.
- ③ Move to DHCP Off and press [ENTER].

Input IP Address

IP Address:

192,168,001,002

Input Subnet Mask

Subnet Mask: 255,255,255,000

- Move to 'IP Addr' and press [ENTER]
 IP address Input box will be displayed. Write IP address with arrow and number button of remote control. And then, press [ENTER] again.
- ⑤ Move to 'Subnet mask' and press [ENTER].
 Subnet mask Input box will be displayed. Write
 Subnet mask with arrow and number button of
 remote control. And then, press [ENTER] again.
- ⑥ Finally, press [SETUP] again for saving configurations.

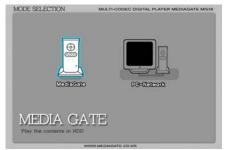


✓ Check 'The specific IP address you wrote'
When you use 'DHCP off', you can see the IP address in MENU screen after selecting 'PC-Network] icon in Mode Selection screen.

3.2.4 Screen Setup

This is guide for setting TV Type. You can use 4:3 Letter Box, 4:3 Pan Scan, and 16:9.

<Setup Procedure>





 $\ensuremath{\textcircled{1}}$ Turn on MG-35 and press [SETUP] in Mode Selection Screen.

- ② Move to 'Screen' icon and press [ENTER]. Setup box will be displayed under icon menu.
- ③ Move to 4:3 Letter box, 4:3 Pan scan or 16:9 that you want and press [ENTER].
- ④ Finally, press [SETUP] again for saving configurations.

3.2.5 Preview Setup

It is possible to enable or disable preview the photo file as a thumbnail image before playing.

<Setup Procedure>





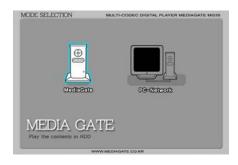
① Turn on MG-35 and press [SETUP] in Mode Selection screen.

- ② Move to 'Preview' icon and press [ENTER]. Setup box will be displayed under icon menu.
- ③ Move to Picture preview on or off that you want and press [ENTER].
- ④ Finally, press [SETUP] again for saving configurations.

3.2.6 LED Setup

It is possible to turn on or off a backlight LED of arrow button on the front side. When the LED disturbs you in night, turn off the LED

<Setup Procedure>



① Turn on MG-35 and press [SETUP] in Mode Selection screen.



- ② Move to 'LED' icon and press [ENTER]. Setup box will be displayed under icon menu.
- 3 Move to LED on or off that you want and press [ENTER].
- ④ finally, press [SETUP] again for saving configurations.

3.3 Basic Screen Menu

3.3.1 Mode Selection, Media Type Selection

After turning on MG-35, you can see Mode Selection screen. In this screen, you can select Built-in HDD or Networking Computers. Just press [ENTER] after moving to the icon with ◀▶ arrow button.

✓ If there is no HDD or networking PC, the icons are not activated.

1) Use Built-in HDD

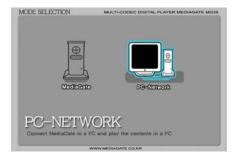


① [Mode Selection] Move to 'MediaGate' icon and press [ENTER] for playing built-in HDD's files.



- ② [Media Type Selection] Select a media type which you want to play and press [ENTER].
- Movie: Select when playing Video files
- Music: Select when playing Music files
- Picture: Select when playing Photo files
- List: Select when making a play list including video, music, photo files
- Setup: Select when moving to setup screen.

2) Use Networking Computer



① [Mode Selection] Move to 'PC-Network' icon and press [ENTER] for playing networking computers' files.



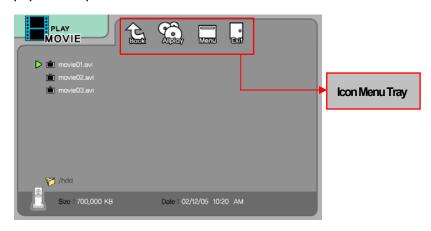


- ② [Media Type Selection] Select a media type which you want to play and press [ENTER].
- Movie: Select when playing Video files
- Music: Select when playing Music files
- Picture: Select when playing Photo files
- List: Select when making a play list including video, music, photo files
- Setup: Select when moving to setup screen.

③ [Computer list on network] Computer list on network will be displayed. Move to a computer and press [ENTER].

3.3.2 File Selection

After selecting a Media type, 'File Selection' screen will be displayed. Move to a file that you want to play and press [ENTER] or [PLAY/PAUSE].



- [ENTER] button Play one file that you select. After finishing playback, return to 'file selection screen'.
- [PLAY/PAUSE] button | After the file that you select, play next all files continuously.
- Move to files with pressing ▲ ▼ arrow buttons.
- button Return to up directory with pressing arrow button.
- **▶ button** Go to 'Icon Menu Tray' placed at the top of screen with pressing **▶** button. In order to return to file selection, press **▼** arrow button or select Exit icon.

ray Descriptions

Go to 'lcon Menu Tray' placed at the top of screen with pressing ▶ button. In order to return to file selection, press ▼ arrow button or select Exit icon.

	Back	Return to up directory	
	Allplay	After the file that you select, play next all files continuously. It is same as [PLAY/PAUSE] button.	
Menu	Menu	Return to Media Type screen	
- - - - - -	Exit	Exit Icon Menu Tray and return to file selection screen.	

3.4 Play Video Files

It is possible to play video files like AVI, MPG, MPEG, DAT, M2V, and VOB.

Select Movie icon in Media Type Selection screen. Video file list will be displayed. Just move to a file and press [ENTER] or [PLAY/PAUSE] button.







Move to a file and press [ENTER] or [PLAY/PAUSE] button.

Remote Control	Function	Descriptions
AUDIO	Dual Audio	It is possible to switch each audio language when the audio format is dual-audio, for example, including a local language and English.
SUBTITLE	Subtitle Move& Size	It is possible to change subtitle size and location.
	Subtitle Select or Hide	The subtitle name same as video file is displayed on screen automatically. However, it is possible to open the other preferable subtitle files or hide.
	Subtitle Language Select	It is possible to switch each subtitle language when the subtitle is dual language format, for example, including a local language and English. * When selecting 'Discriminating subtitle language', first subtitle language will be displayed.

	Subtitle Sync.	It is possible to set the subtitle sync. with ◀► (one second) ▼▲ (60 second) when motion and subtitle sync is not matched.
4, 5, 6 Number Button	Subtitle Color Change	Subtitle color is changed when pressing number 4, 6 button. In order to return default color (white), press number 5.
Number Button	Zoom Vertical	Zoom screen vertically.
	Zoom Full	· ·
	Custom	Enlarge the overall screen.
Scr. SIZE		Enlarge or reduce the screen by ▲ ▼ ◆ ▶ arrow buttons.
SCI. SIZE	Default	Return to original screen size and position.
	Screen Position	Move the screen to the direction with ▼▲ ◀ ▶ arrow buttons. Press [Brt.Cont] key for returning to the original screen position when applying Screen position.
TIME SEARCH	Jump to Preferable Playback Time	Move to a selected time of a file.
CANCEL	Delete Input Numbers	In time search box, this button deletes all numbers in 0.
Brt. CONT	Control luminosity, color depth, brightness	When pressing this button, 3 modes switch. After selecting a mode, change settings with ▲ ▼ arrow buttons.
FILE INFO	Show File Information	Show the file information which is being played. In order to hide the information, press this button again.
FF ▶▶		Whenever pressing this button, play speed is changed with
arrow button	Fast Forward	8x, 16x, 32x in forward.
REW ◀ ◀	Rewind	Whenever pressing this button, play speed is changed with
■ arrow button		8x, 16x, 32x in backward.
VOLUME +		
▲ arrow button	Volume Up	Volume up.
VOLUME -	V-1 5	Mil. and decided
▼ arrow button	Volume Down	Volume down.
MUTE	Sound Off	Mute the sound. In order to hear sound, press this button again.
ENTER	Playback a File	Play a file. After finishing playback, return to file selections screen.
PLAY / PAUSE	Playback	After the file that you select, play next all files continuously. It
▶II	Next All Files	is same as [PLAY/PAUSE] button.
PLAY / PAUSE	Pause	Pause playback, if pressing this button when a file is being
▶II	rause	played. In order to play again, press this button again.
PREV	Playback	Play a previous file before a current playback file. If you used
I ∢ ∢	Previous File	[ENTER] for playback, you can not use this function. This is
	FIEVIOUS FIIE	available in playing all files as using [PLAY/PAUSE] button or

		'ALLPLAY' icon.
NEXT ▶ ▶ I	Playback Next File	Play a next file after a current playback file. If you used [ENTER] for playback, you can not use this function. This is available in playing all files as using [PLAY/PAUSE] button or 'ALLPLAY' icon.
0 Number button	Screen Reset	If a frame of a video file is broken, green color runs on a overall screen. Press number [o "Zero"] for screen reset.
MENU	Menu Icon Popup	Popup menu will be appeared including 'File Info, Time Search, Subtitle, Scr.Size' functions. In order to hide the popup, press this button again.

3.5 Play DVD Files

DVD manager function support to play DVD Ripping File same as original DVD.

Make a folder and then save all ripping files into the folder. After connecting TV(or Monitor), select VIDEO_TS.IFO file at the folder. Make sure that all the ripping files including VIDEO_TS.IFO from one DVD title will be located at one folder.

✓If you can not find VIDEO_TS.IFO file among all the ripping files from an original DVD title, DVD manager function will not work.

✓When you play DVD file in networking computer, play back time will be delayed, so it's not possible to play DVD files on networks. Recommend to use built-in HDD.





Select Movie icon in Media Type Selection screen.

Move to the folder including DVD ripping files and select 'video_ts.ifo' file and press [ENTER] button.

Remote Control	Function	Description
AUDIO	Select Audio Type	Audio type will be changed whenever pressing this button.
SUBTITLE	Select Subtitle Type	Subtitle type will be changed whenever pressing this button.
Scr. SIZE	Screen Size	Screen size will be changed when press the button.
MENU	Go to Menu	Move to main menu while playing DVD.
SLOW	Playback Slow	Play slowly 1/2x, 1/4x, and 1/8x whenever pressing this button.

REPEAT	Chapter, Title Repeat	Set chapter, title repeat.
A-B REPEAT	A-B repeat	Set the A-B repeat.
TITLE	Go to Title Menu	Move to title menu while playing DVD.
ANGLE	Angle	Apply angle function.
FILE INFO	Show File	Show the file information which is being played. In order to
FILE INFO	Information	hide the information, press this button again.
TIME SEARCH	Jump to Preferable Playback Time	Move to a selected time of a file.
CANCEL	Delete Input Numbers	In time search box, this button deletes all numbers in 0.
Brt. CONT	Control luminosity,	When pressing this button, 3 modes switch. After selecting
Brt. CONT	color depth, brightness	a mode, change settings with ▲ ▼ arrow buttons.
PREV	Playback	Diavis provious shorter
144	Previous Chapter	Play a previous chapter.
NEXT	Playback	Play a next chapter.
▶ ▶I	Next Chapter	гіаў а пехі спаріег.
FF	Fast Forward	Whenever pressing this button, play speed is changed with
>>	i asti oiwaiu	8x, 16x, 32x, 48x in forward.
REW	Rewind	Whenever pressing this button, play speed is changed with
44	rtowilla	8x, 16x, 32x, 48x in backward.
ENTER	Playback	Play 'Video_ts.ifo' file.
PLAY / PAUSE	Pause	Pause playback, if pressing this button when a file is being
▶II	Pause	played. In order to play again, press this button again.
VOLUME +	Volume Up	Volume up.
VOLUME -	Volume Down	Volume down.
MUTE	Sound Off	Mute the sound. In order to hear sound, press this button again.

3.6 Play Music Files

It is possible to play music files like MP3, OGG, WAV, WMA.

Select Music icon in Media Type Selection screen. Music file list will be displayed. Just move to a file and press [ENTER] or [PLAY/PAUSE] button.





Select Music icon in Media Type Selection screen.

Move to a file and press [ENTER] or [PLAY/PAUSE] button.

Remote Control	Function	Description
FILE INFO	Show File Information	Show the file information which is being played. In order to hide the information, press this button again.
TIME SEARCH	Jump to Preferable Playback Time	Move to a selected time of a file.
CANCEL	Delete Input Numbers	In time search box, this button deletes all numbers in 0.
Brt. CONT	Control luminosity, color depth, brightness	When pressing this button, 3 modes switch. After selecting a mode, change settings with ▲ ▼ arrow buttons.
PREV I◀◀	Playback Previous File	Play a previous file before a current playback file. If you used [ENTER] for playback, you can not use this function. This is available in playing all files as using [PLAY/PAUSE] button or 'ALLPLAY' icon.

	51	Play a next file after a current playback file. If you used
NEXT	Playback	[ENTER] for playback, you can not use this function. This is
▶ ▶I	Next File	available in playing all files as using [PLAY/PAUSE] button or
		'ALLPLAY' icon.
FF	Go to 10 Sec. in	Go to 10 sec. in forward and play when a file is being played.
>>	Forward	Go to 10 sec. in forward and play when a file is being played.
REW	Go to 10 Sec. in	Go to 10 sec. in backward and play when a file is being
44	Backward	played.
ENTER	Playback a File	Play a file. After finishing playback, return to file selections
		screen.
PLAY / PAUSE	Playback	After the file that you select, play next all files continuously. It
▶II	Next All Files	is same as [PLAY/PAUSE] button.
PLAY / PAUSE	Pause	Pause playback, if pressing this button when a file is being
▶II	rause	played. In order to play again, press this button again.
VOLUME +	Volume Up	Volume up.
VOLUME -	Volume Down	Volume down.
MUTE	Sound Off	Mute the sound. In order to hear sound, press this button
MUTE		again.
		It is possible to show mp3 subtitle which the mp3 file
		supports subtitle. In that case, this button will hide the
SUBTITLE	Hide Mp3 Subtitle	subtitle.
		* mp3 subtitle supported file must be made by iriver caption edition
		program, not support LDB program.

✓ How to Play MP3 without TV set. MP3 Quick Play

Make a 'music' folder (in a small letter not a capital letter) at root directory of built-in HDD and save MP3 files at the folder. If the HDD is divided into two or more partitions, make a 'music' folder at first partition.

Turn on MG-35 and just press [PLAY/PAUSE] button. MP3 files at 'music' folder will be played automatically. Additionally, after rebooting MG-35, the last played file will be continued to play.

√How to See MP3 Subtitle

It is possible to show MP3 subtitle which the MP3 file supports subtitle. MP3 subtitle supported file must be made by 'iriver caption editior' program, not support LDB program.

3.7 Play Photo Files

It is possible to play photo files like JPG(JPEG).

Select Picture icon in Media Type Selection screen. Photo file list will be displayed. Just move to a file and press [ENTER] or [PLAY/PAUSE] button.





Select Picture icon in Media Type Selection screen.

Move to a file and press [ENTER] or [PLAY/PAUSE] button.

Remote Control	Function	Description
FILE INFO	Show File Information	Show the file information which is being played. In order to hide the information, press this button again.
PREV I ◀ ◀	Playback Previous File	Play a previous file before a current playback file. If you used [ENTER] for playback, you can not use this function. This is available in playing all files as using [PLAY/PAUSE] button or 'ALLPLAY' icon.
NEXT ▶ ▶ I	Playback Next File	Play a next file after a current playback file. If you used [ENTER] for playback, you can not use this function. This is available in playing all files as using [PLAY/PAUSE] button or 'ALLPLAY' icon.
ENTER	Playback a File	Play a file. After finishing playback, return to file selections screen.
PLAY / PAUSE ▶II	Playback Next All Files	After the file that you select, play next all files continuously. It is same as [PLAY/PAUSE] button.

PLAY / PAUSE ▶II	Pause	Pause playback, if pressing this button when a file is being played. In order to play again, press this button again.
FF ▶▶	Zoom In	Enlarge a photo.
REW ◀◀	Zoom Out	Reduce a photo.
ANGLE	Rotation	Rotate a photo.
방향키 ▲ ▼ ◀ ▶	Panning	Move the position of photo.
ENTER	Return to Original Photo	Return to original photo.
Brt. CONT	Control luminosity, color depth, brightness	When pressing this button, 3 modes switch. After selecting a mode, change settings with ▲ ▼ arrow buttons.

✓ Photo Slide Show

If you play all files with 'PLAYALL' icon or [PLAY/PAUSE], photo slide shows will be started.

✓ Music Slide Show

Make a 'music' folder (in a small letter not a capital letter at root directory) of built-in HDD and save MP3 files at the folder. If the HDD is divided into two or more partitions, make a 'music' folder at first partition.

When you play one or all photo files, you can listen mp3 and see photo slide show together.

However, if there is just networking computer (not built-in HDD), you cannot listen mp3. MG-35 just detect mp3 files at built-in HDD's music folder.

✓ Photo Preview On, Off

It is possible to enable or disable preview the photo file as a thumbnail image before playing at SETUP screen.

3.8 Make a Play-List

User can register all media type of files like video, music, and photo to play-list. The registered media files to play-list will be played without discriminating media type.

✓It is not possible to play each registered files independently. Use 'Random, PLAY all' icon or [PLAY/PAUSE] button. Additionally, registered play-list will be deleted after rebooting.





① Select Play List icon in Media Type Selection screen.

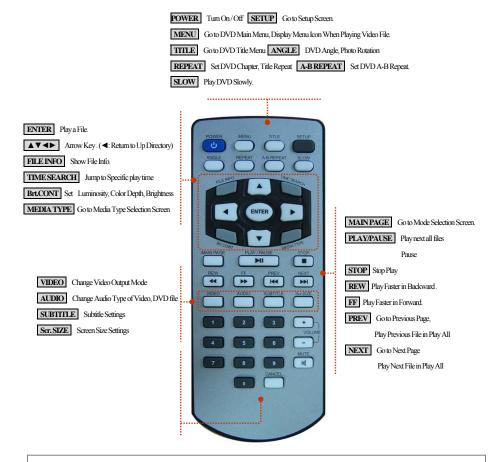
② Move to a file and press [ENTER] for adding to Play-List. After adding, press [▶] for moving to 'Menu Icon tray'. Move to 'List' icon and press [ENTER].



- ③ Play-List screen appears. You can see just added files. Play as followings,
- Random icon: play in random.
- Allplay icon: play in order from selected file.
- Play/Pause button: play in order from selected file.
- * In order to move up to Menu Icon Tray, press [▶] button.
- * Delete(X) icon means to delete all the added files.
- * In order to delete a added file, move to a file on Play-List screen and press [ENTER] twice.
- * In order to change location among added files, move to a file which you want to move and press [ENTER] and then move to the other file where you want to add and press [ENTER].

3.9 Remote Controls

This is guide for basic use of remote control. For more details, '3.3 Basic Screen Menu', '3.4 Play Video Files', '3.5 Play DVD Files', '3.6 Play Music Files', '3.7 Play Photo Files', '3.8 Make a Play-List'.



How to Insert/Change Battery

1. Pull off the battery tray for remote controller's body completely. 2. Put the enclosed battery on the tray. 3. Insert the tray into remote controller's body completely.



3.10 Others

3.10.1 Music Slide Show

Make a 'music' folder (in a small letter not a capital letter) at root directory of built-in HDD and save MP3 files at the folder. If the HDD is divided into two or more partitions, make a 'music' folder at first partition.

When you play one or all photo files, you can listen mp3 and see photo slide show together.

However, if there is just networking computer (not built-in HDD), you cannot listen mp3. MG-35 just detect mp3 files at built-in HDD's music folder.

3.10.2 MP3 Quick Play

This is for listening MP3 files without TV set.

Make a 'music' folder (in a small letter not a capital letter) at root directory of built-in HDD and save MP3 files at the folder. If the HDD is divided into two or more partitions, make a 'music' folder at first partition.

Turn on MG-35 and just press [PLAY/PAUSE] button. MP3 files at 'music' folder will be played automatically. Additionally, after rebooting MG-35, the last played file will be continued to play.

However, if there is just networking computer (not built-in HDD), you cannot listen mp3. MG-35 just detect mp3 files at built-in HDD's music folder.

3.10.3 Change Background Image

It is possible to change a background image on MG-35. Save 'mybg.jpg' at root directory of built-in HDD. Background image will be changed as 'mybg.jpg'.

3.10.4 Firmware Upgrade

Download a upgrade file from local distributor in your country or $\underline{www.airlinktek.com}$

After connecting TV set, move to the upgrade file and press [ENTER]. Upgrade is progressed automatically.

After finishing upgrade, you can check firmware version on Setup screen. Press [SETUP] button.

^{*} Recommend to use 720x480 pixels image.