

Multimedia Player

Qvix(BDP3500)

New Frontier for multimedia TV interface.
Enjoy Qvix for your life!

CAUTION: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Class B digital device or peripheral

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.

Contents

1. Precautions for Use

3 / Warnings for safety

4 / Precautions before use

2. Components and Names of Parts

5 / Check components

5 / Product specifications

6~7 / Names of parts

3. Qvix Installation

8~9 / Mount the hard disc

10/ Connect to and Disconnect from PC (How to install the USB driver)

4. Qvix Use

11~12 / Connect the cable

13~14 / Use the remote controller

5. Qvix Screen Configuration

15~16 / Multimedia Explorer

17~19 / Movie Player

20~21 / Music Player

22~23 / Photo Album

24~27 / Setup

6. Directions for Other Use

7. A/S Related Information

29 / Quality assurance and product warranty

1. Precautions for Use

Warnings for Safety

- Thank you for purchasing the Qvix. Please, read the following information carefully before using the product.

Warnings for Safety

- Qvix internal circuit does not have any parts that users can repair at will. If a fault occurs, please do not disassemble the unit at will. Such act may become a cause for fire.
- Do not install the unit in places with much oil, smoke, humidity, water and dust or in places exposed to rain and wind. The installation in those places may become a cause for failure.
- Make sure to install the unit in places with proper ventilation. Otherwise, it may be overheated causing a failure.
- Do not touch the power plug by wet hands. Do not use a damaged power cord or a loose outlet. Such use may become a cause for electric shock and fire.
- Do not put the unit near the places exposed to direct sunlight or hot stuff like a stove and a heater. Such position may become a cause for case distortion.
- Do not wipe the unit with benzene, thinner, gasoline or other volatile cleaner or abrasive. That's because those substances may cause a danger of either product change or fire.
- Dropping the unit on the floor or giving a shock to the unit may do a serious damage to it, causing its case to be distorted.
- When mounting the hard disc on Qvix, be careful not to cause any static electricity inside the circuit board. The static electricity may become a cause for failure.
- Be careful not to have any foreign substances or water into the unit. They may become a cause for electric shock accidents.
- Do not do a damage to the power cord.
 - Do not bend, twist or stretch the power cord.
 - Do not place the mainframe or a heavy object onto the power cord.
 - Do not fix the power cord with a staple or a thumb tack.
 - Do not treat the power cord at will.

Precautions for Use

- Thank you for purchasing the Qvix. Please read the following information carefully before using the product.

1. Put off the Qvix and TV power, when connecting any cables.
2. If the USB cable is connected to the Qvix with its power turned off, the Qvix is set to run in a storage mode. Before watching movies, please make sure to remove the USB cable from the Qvix mainframe.
3. If a newly purchased hard disc is mounted, please make sure to set its partition and format it before using it.
4. As for the hard disc formatted in an NTFS mode, it cannot be recognized by either Windows 98 or Windows ME, which does not support the NTFS. In this case, use it after deleting the partition of the hard disc, setting the partition to FAT32 again, and formatting it.
5. Protect the mainframe against heat fully before replacing or separating the hard disc in use. Some hard disc may generate much heat, causing a danger of getting burned.
6. Never turn off the power of the unit during its firmware upgrade.

If the power turns off during firmware upgrade, the unit cannot run normally.

2. Components and Names of Parts

Check Components



Qvix mainframe and holder



Remote controller



Power adapter



Composite/stereo cable



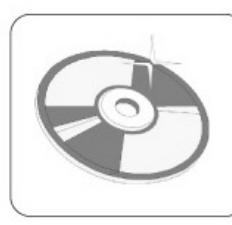
USB cable



AC cable



Manual



Driver CD

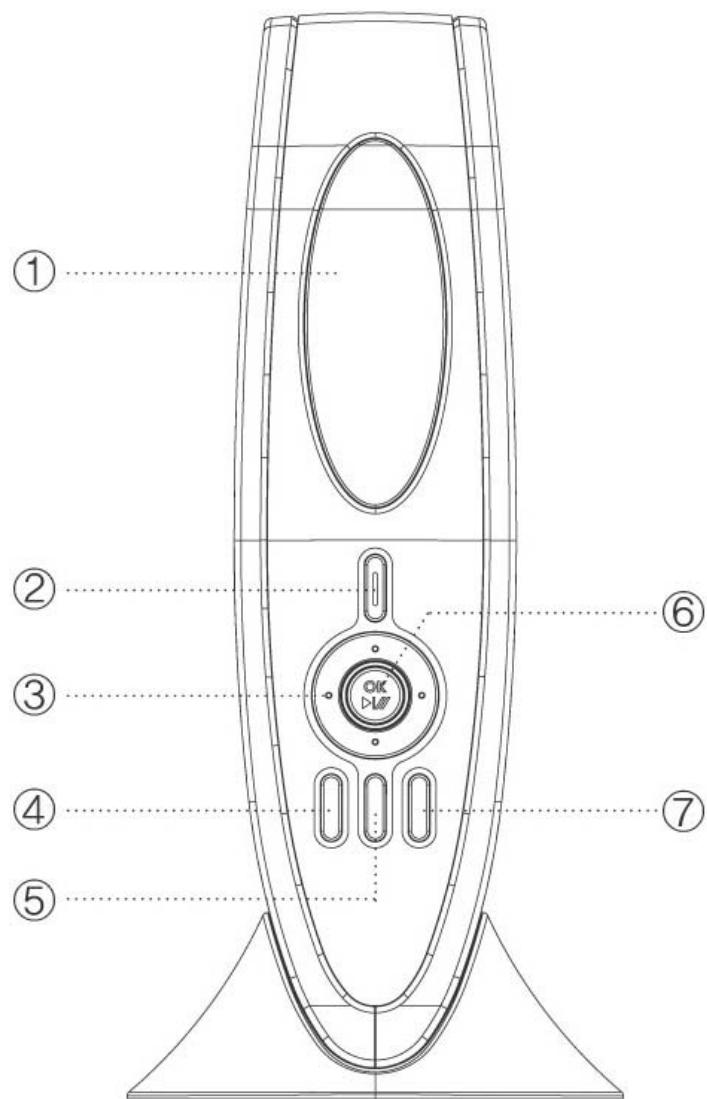


Remote controller battery (AAA) 2EA

Product Specifications

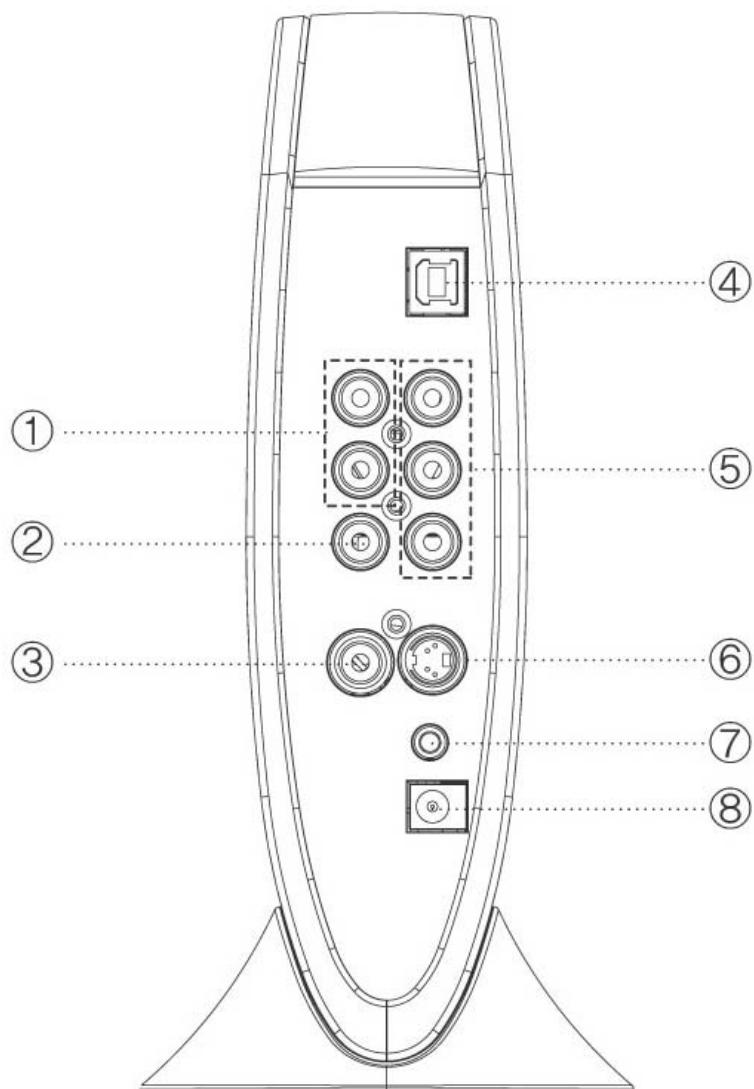
Playback file type	Movie	MPEG 1, 2, 4, Dvix, Xvid, AVI, DAT, VOB, M2V
	Music	MP3, WMA, OGG, vorbis, AC3
	Photo	JPEG
Video output		COMPOSITE, S-VIDEO, COMPONENT(480p,720p,1080i)
Audio output		STEREO L-R, DIGITAL COAXIAL
Interface		USB 2.0 480Mbps (USB1.1 compatible) / Slave
Operating system		Windows 98/SE/ME/2000/XP
Hard disc type		3.5" IDE HDD
Hard disc file system		NTFS / FAT32
Size		54(W) x 210(H) x 149(D) mm
Weight		420 g
Temperature range		0 ~ 60°C
Power source		12V / 3A Adapter, Free Voltage(AC 100 ~ 240V, 50~60Hz)

Names of Parts (Front)



① Status LED	Power, hard disc, remote controller lamp
② Power	Power ON / OFF
③ Navigation	Change the direction
④ Previous file	Go to the previous file
⑤ Stop	Stop the file in playing
⑥ Playback / Pause	Play the file / Pause the playback
⑦ Next file	Go to the next file

Names of Parts (Back)



① AUDIO L-R	Connect the stereo audio cable.
② VIDEO	Connect the composite video cable.
③ COAXIAL	Connect the digital audio coaxial cable.
④ USB	Connect the USB cable.
⑤ Y, PB, PR	Connect the component Y, Pb and Pr.
⑥ S-VIDEO	Connect the S-Video video cable.
⑦ IR-EXT	Connect the external IR extension receiving line.
⑧ DC 12V	Connect the power cable.

3. Qvix Installation

Mount the Hard Disc

- You can mount the hard disc in the following order. Follow the procedure below step by step while looking at the pictures.

1. Disassemble the fastening screw under the left cover of the mainframe.



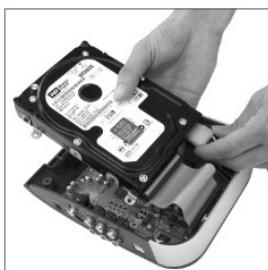
Use the (+) driver to turn the fastening screw on the left cover of the mainframe in a counterclockwise direction.

2. Separate the left cover of the mainframe.



Separate the side cover by lifting it slightly as shown on the picture.

3. Connect the hard disc.



Connect the power connector and IDE connector to the hard disc, and rest the hard disc on the bracket.

4. Close the cover.



If you are to close the cover, please fix it from the left side first and close the lower side. And use the (+) driver to connect the fixing screw in the opposite direction of opening the cover first.

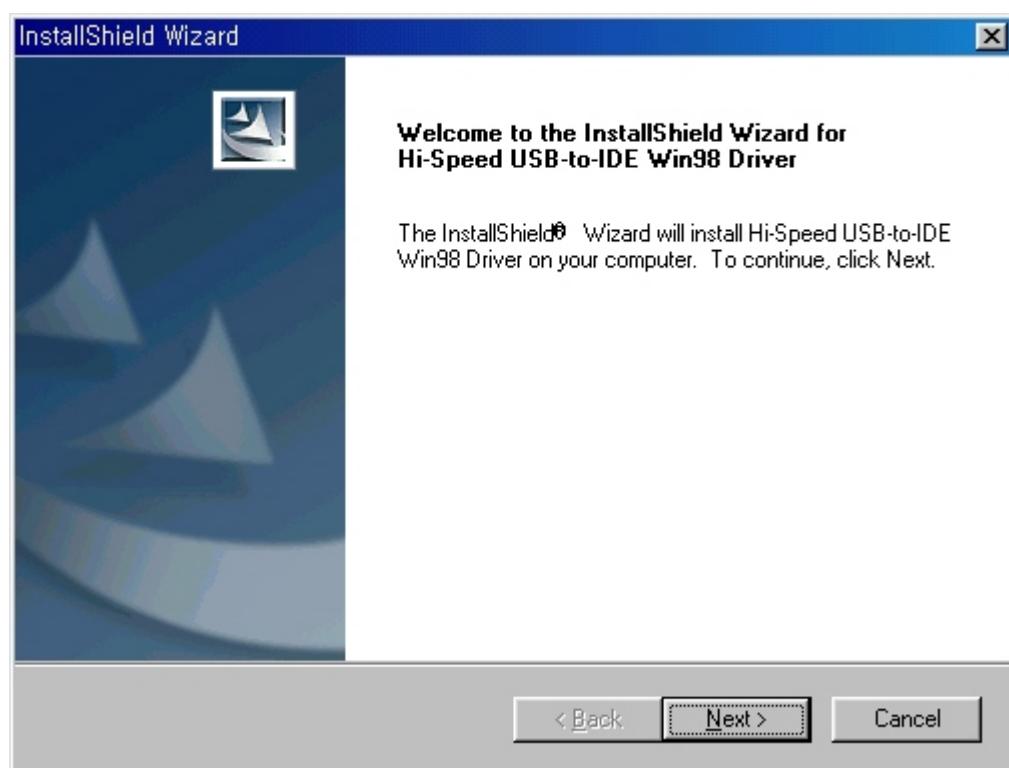
* Attention

1. The mountable hard disc refers to the 3.5" IDE hard disc (for desktop).
2. Set the jumper of the hard disc **to** the master before mounting the hard disc. However, when it comes to the hard disc supporting the single mode, it is sometimes necessary to set it not **to** the Master but **to** the single mode the.

Connect to and Disconnect from PC

Install the USB driver on WIN98SE/ME

Install the Windows98-only driver included in the install CD while the Qvix is not connected to PC. The driver name is the Win98_QVIX_BDP3500. If you execute the driver program, the install wizard will appear. Select the [NEXT] button to complete the driver installation.



TIP

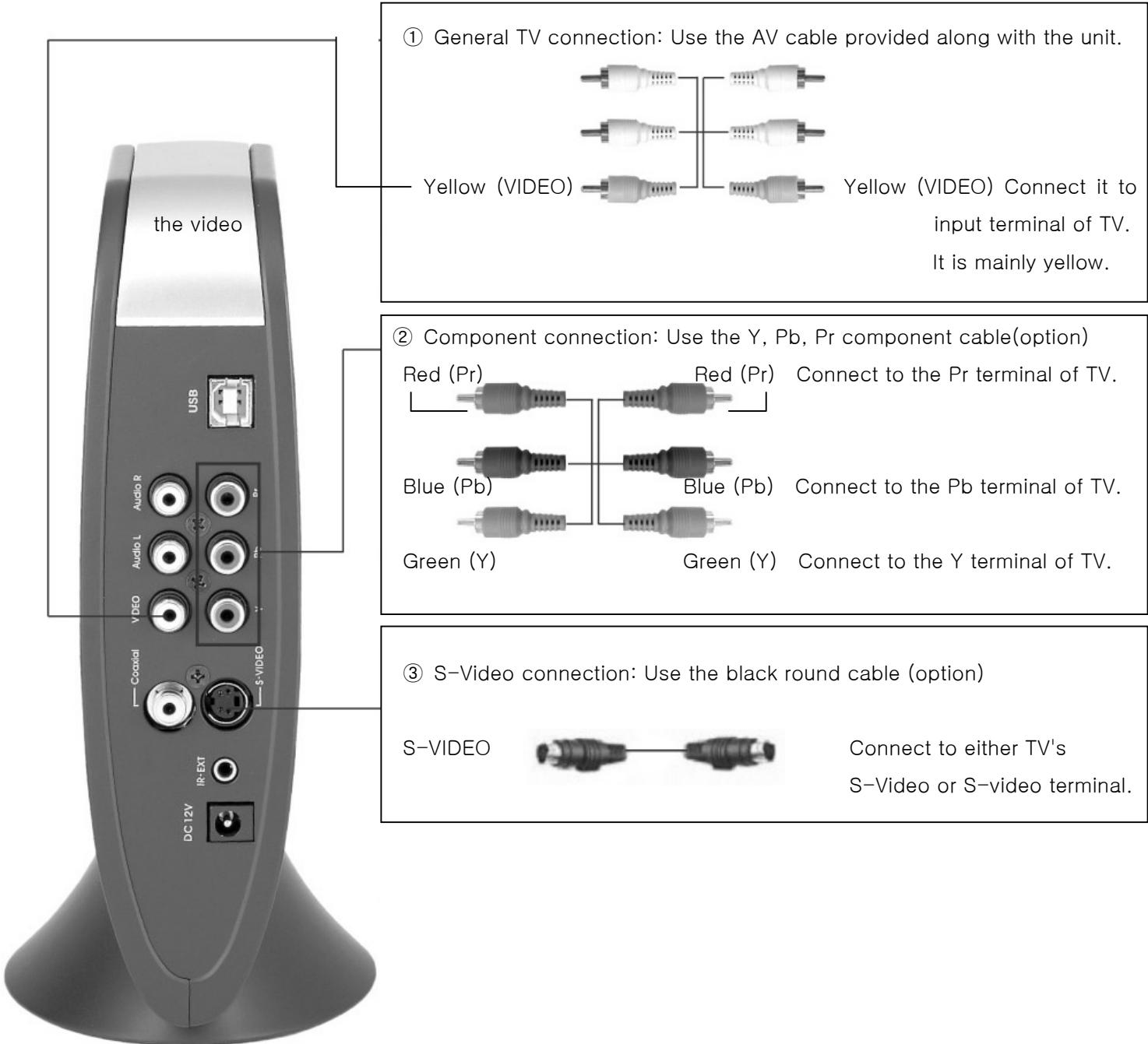
1. If you fail to generate the driver yet, please check whether the FAT32 of the hard disc is formatted or not. The 98SE/ME operating system can recognize the FAT32-formatted hard disc only, while it does not recognize the NTFS-formatted hard disc.
2. Windows2000, XP offers the driver in its own OS, so you do not need the install program. Only if you connect it to PC, the Windows2000, XP will recognize it automatically (Plug & Play). And you can see that the hard disc USB device is mounted on the device manager's disc drive.

4. Qvix Use

Connect the Cable

1) Connect the video cable and View the TV screen

Connect the cable according to the three video output procedures below.

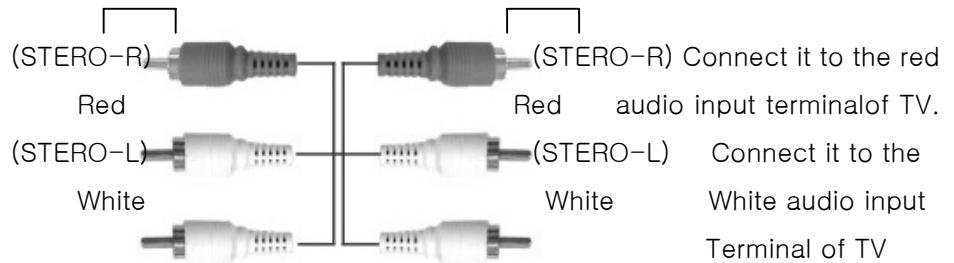


2) Connect to the audio cable and PC

Connect the cable according to the two audio output procedures below.



① General TV connection (composite): Use the AV cable provided along with the unit.



② USB connection: Connect the USB cable to PC.



③ COAXIAL cable connection: 5.1 channel digital audio (option)

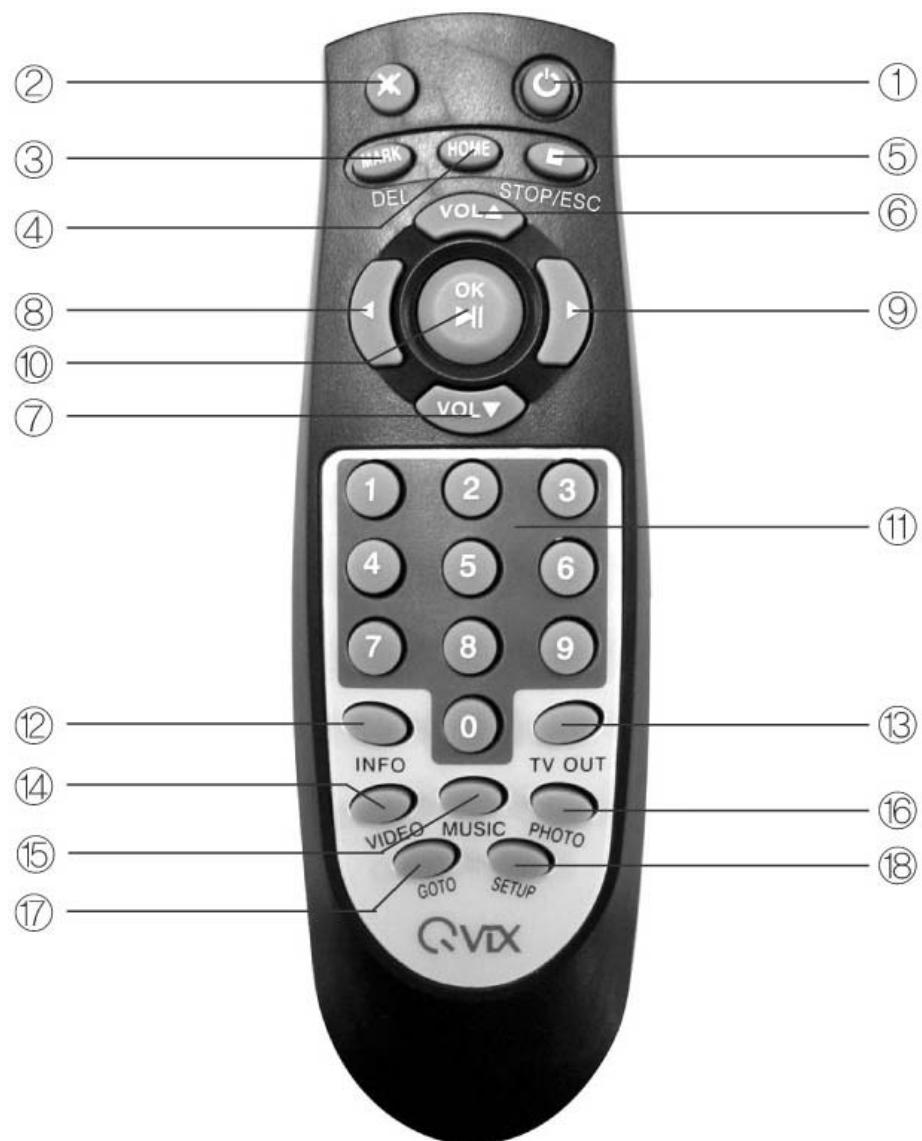
COAXIAL



Connect it to the coaxial terminal of the amp (or receiver)

After plugging the USB cable provided into the USB socket placed on the back of the unit, connect its opposite side to PC. At that time, make sure that the adapter is connected to the unit. The Windows ME/2000/XP will be connected immediately without a separate driver.

Use the Remote Controller



Button Description

No.	Button	Function
1		Turn on or off the power.

2		Turn off the volume temporarily.
3		Add or delete the play list on the Music Player / Return to the original screen size while viewing movies and photos.
4		Go to the Media Explorer.
5		Stop while playing the video, music and photo / Close the various setups (SETUP/GOTO).
6		Go up on the menu / Turn (90°, 180°, 270°) during photo playback / Turn up the volume during Music/Photo playback.
7		Go down on the menu / Turn (270°, 180°, 90°) during photo playback / Turn down the volume during Music/Photo playback.
8		Go left on the menu / Rewind (8, 16, 32 speed) during video playback / Go to the previous file during Photo playback.
9		Go right on the menu / Fast Forward (8, 16, 32 speed) during video playback / Go to the next file during Music/Photo playback.
10		Select from the menu or Play/Pause during video and music playback.
11		Enter a number from various menus or items.
12		Current file information.
13		Change the Qvix-supported TV output mode sequentially.
14		Show only the video files on the screen when various files are mixed.
15		Show only the music files on the screen when various files are mixed.
16		Show only the photo files on the screen when various files are mixed.
17		Go to the desired time zone during playback according to the current time set.
18		<p>When files do not run, try system setup.</p> <p>When files do not run, try the followings on the setup screen.</p> <ul style="list-style-type: none"> • LEFT button: TV output, screen ratio setup • RIGHT button: Adjust the language, title, slide show setup.

5. Qvix Screen Configuration

Media Explorer

- If you turn on the Qvix power, the Qvix logo screen will appear temporally and the Media Explorer window will be displayed as shown in the picture below.
- The Qvix offers a simple and intuitive user environment for the sake of user convenience.
- In the Media Explorer mode, all the available media files will be displayed on the screen at once. If you want to have only the video, music and photo files displayed on the screen, select the desired file and press the OK button on the remote controller or press the VIDEO, MUSIC, or PHOTO button.
- If you want to have all the files displayed from the current folder, press the Stop/ESC button.
- If you want to return to the initial screen, press the Home button.



Each item can be described as follows.

1. Display mode – The Media Explorer displays all the available media files on the single screen.
2. Selection bar – Indicate the currently selected item.
3. Folder list – Show the list of the currently stored folders.
4. File type  – This icon indicates all the available video files.



This icon indicates all the available video files.



This icon indicates all the available music files.

The file extension is MP3, WMA, OGG, and AC3.



This icon indicates all the available picture files. The file extension is JPG.



This icon indicates all the available movie title files. The file extension is SMI, SMIL.



This icon indicates other file formats.

5. Current path – Indicate the currently selected path.

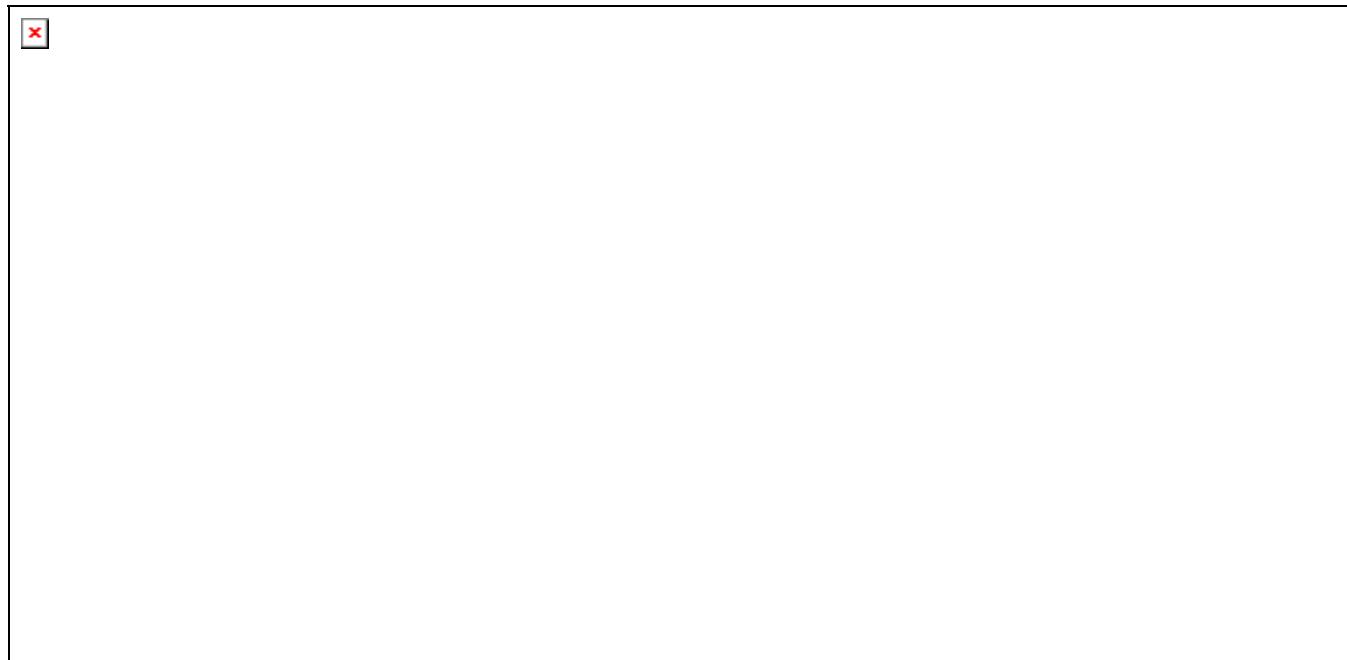
6. File information – Indicate the current selected file's format, extension and size.

TIP

- The screen reappears if you press the number 0 (hot) button when the screen turns black.
(Press the Home button to get back to the initial screen.)
- The specifically selected folder music is automatically played when turning the power on and pressing the OK button for a long time. (But, there should be a folder named QVIX (capital and small letters identified))

MOVIE PLAYER

Screen Configuration



- If you select a video file from the Media Explorer window or press the VIDEO button on the remote controller, the Movie Player window will appear as shown in the picture above.
- The available folders and file list will appear on the left side of the screen.
- The selection bar–indicated file extension and size will appear on the right side of the screen.
- After selecting the file you want, press the OK button of the remote controller to execute the file.

How to Use

Play the video files like AVI, MPEG1, 2, 4 DAT, M2V and VOB.

You can display the list of video files saved by selecting a video file from the main screen or pressing the VIDEO button of the remote controller.

After selecting the file to play, press the OK/PAUSE button.

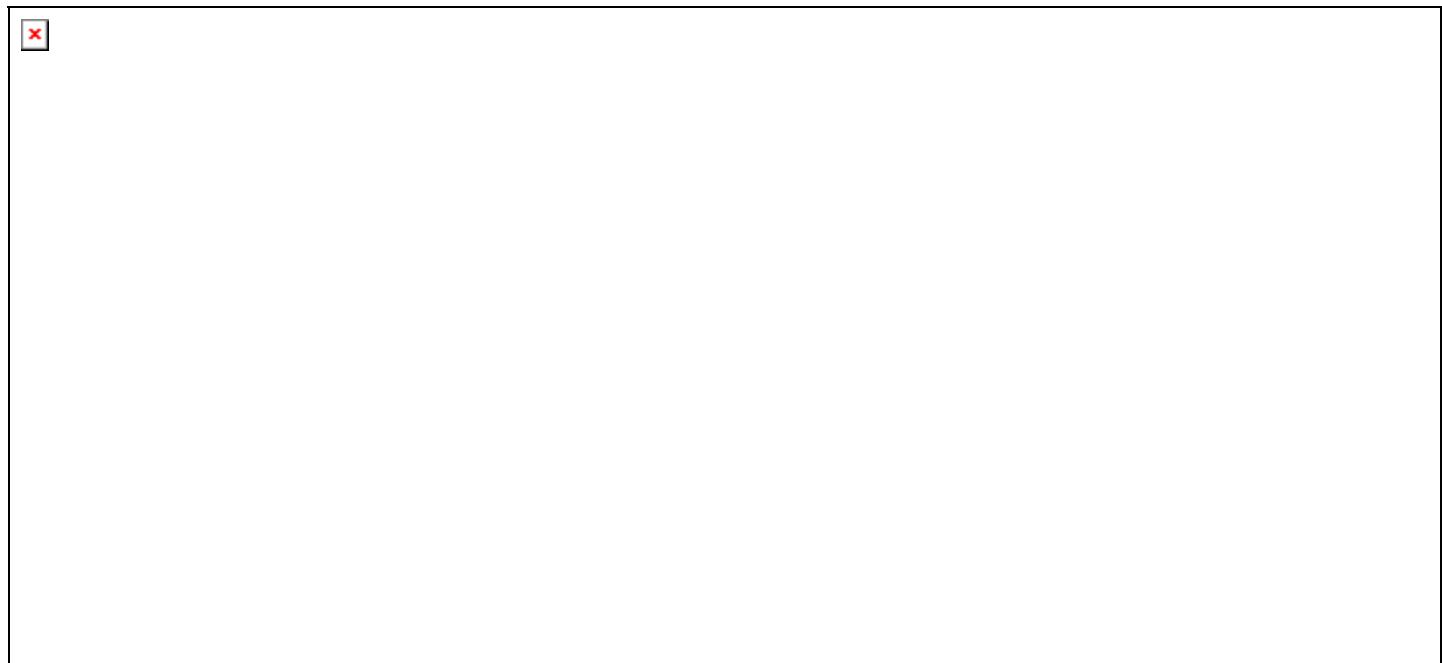
<Available Buttons and Functions upon playing the VIDEO files>

Function	Remote Controller Button	Description
Pause	OK/PAUSE	If you press this button during playback, you can pause temporarily. If you press it again, the file will be played again.
Stop	STOP	Stop the file playing and go to the Movie Player. If you stop a file by pressing the STOP button, next time you will find the message asking whether to continue the file or not.
Rewind	LEFT	Whenever pressing the button, you can move a file in the opposite direction at 8, 16 and 32 speed.
Fast forward	RIGHT	Whenever pressing the button, you can move a file in the right direction at 8, 16 and 32 speed.
VOLUME +	UP	Turn up the volume.
VOLUME -	DOWN	Turn down the volume.
No sound	MUTE	If you press this button, the sound will be muted. If you press this button again, the sound will be heard again.
File information	INFO	Show the information on the current playing file.
Quick move	GOTO	Go to the desired time position temporarily during the playback based on the current time set.
① ZOOM	SETUP	You can zoom in and out the image with the direction keys ▲ ▼ ◀ ▶ . Press the MARK/DEL button to return to the original status.
② SCROLL		You can move the image position in four directions with the direction keys ▲ ▼ ◀ ▶ . Press the MARK/DEL button to return to the original status.
③ Screen setup		You can change the luminosity, brightness, color depth with the direction keys ◀ ▶ . You can save the setup with the OK button.

④ Title setup		You can change the title size, location, color and sync with the direction keys ▲ ▼. You can save the setup information by pressing the OK button.
⑤ Screen ratio		Once you select the screen ratio you want, it will be applied immediately. If you are to return to the original status, press the MARK/DEL button.

Music Player

Screen Configuration



- If you select a music file from the Media Explorer window or press the MUSIC button on the remote controller, the Music Player window will appear as shown in the picture above.
- The available folders and file list will appear on the left side of the screen.
- After selecting the file you want, press the OK button of the remote controller to execute the file. In addition, you can transfer the songs you want to the Selected Play List window by using the MARK button of the remote controller.
- You can use the following play options by using the numeric buttons of the remote controller.

0. CLEAR ALL – Clear all the files on the Selected Play List.
1. PLAY ALL – Play all the songs.
2. RANDOM – Play randomly.
3. REPEAT – Repeated the song selected.

The picture above shows an example of selecting the repeat option for all the songs by means of the No. 1 and 3 buttons.

How to Use

Play the music files like MP3, OGG, WMA, and AC3.

You can display the list of music files saved by selecting a music file from the main screen or pressing the MUSIC button of the remote controller.

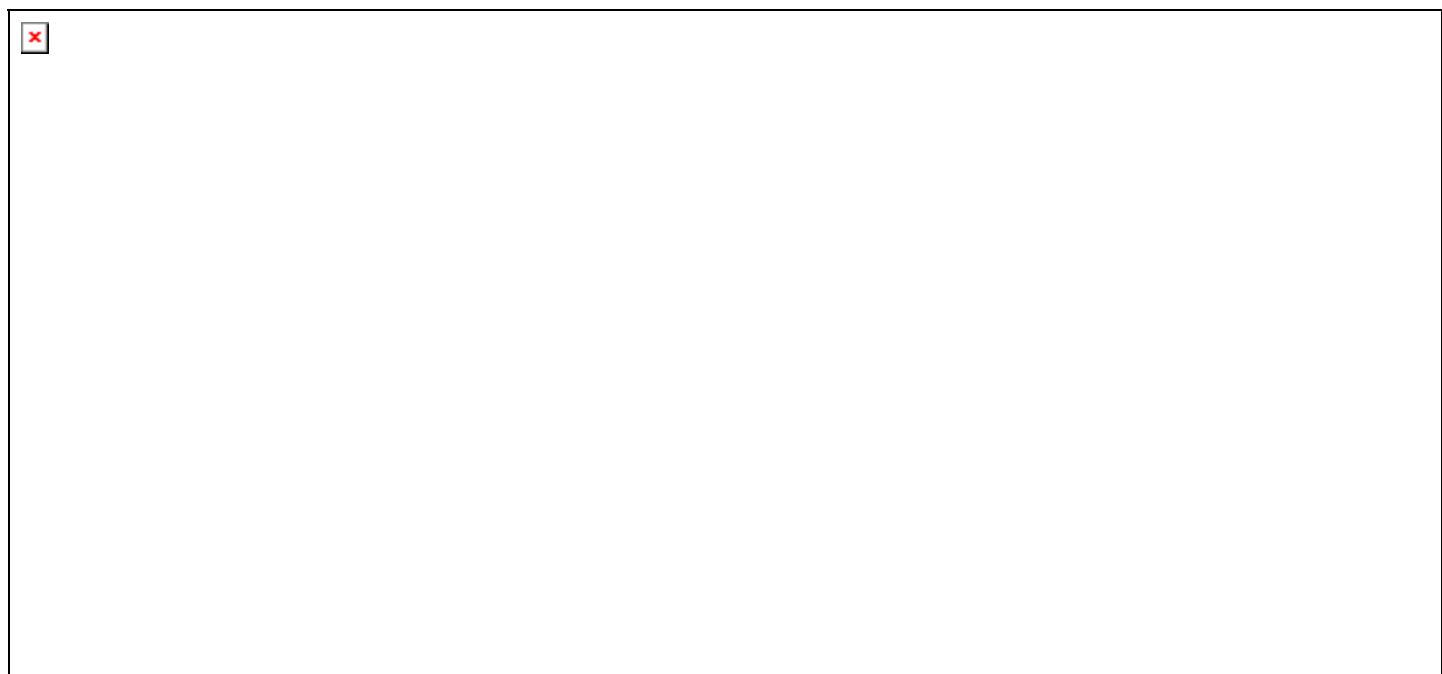
After selecting the file to play, press the OK/PAUSE button.

<Available Buttons and Functions upon playing the MUSIC files>

Function	Remote Controller Button	Description
Pause	OK/PAUSE	If you press this button during playback, you can pause temporarily. If you press it again, the file will be played again.
Stop	STOP/ESC	If you press this button during playback, you can pause temporarily. If you press it again, the file will be played again.
PREV	LEFT	Play the previous file of the current one.
NEXT	RIGHT	Play the next file of the current one.
VOLUME +	UP	Turn up the volume.
VOLUME -	DOWN	Turn down the volume.
No sound	MUTE	If you press this button, the sound will be muted. If you press this button again, the sound will be heard again.
File selection	MARK/DEL	If you press the MARK button after selecting the file you want, it will be added to the selection list. If you press the MARK button after selecting the file from the play list, it will be deleted.
CLEAR ALL	Button No. 0	Delete all the files from the play list.
PLAY ALL	Button No.1	Play the whole files.
RANDOM	Button No.2	Play the selected file randomly.
REPEAT	Button No.3	Repeat the selected file.

PHOTO ALBUM

Screen Configuration



- If you select a photo file from the Media Explorer window or press the PHOTO button on the remote controller, the PHOTO Album window will appear as shown in the picture above.
- The available folders and file list will appear on the left side of the screen.
- If you move the selection bar to the file position you want, the photo of the selected file will appear on the right Preview window.
- If you press the OK button of the remote controller at that time, the file selected will appear as a full screen.
- If you press the button No.1 of the remote controller from the PHOTO Album mode as an option, the slide show will be displayed from the selected file.

How to Use

Play the JPG picture files.

You can display the list of photo files saved by selecting a photo file from the main screen or pressing the PHOTO button of the remote controller.

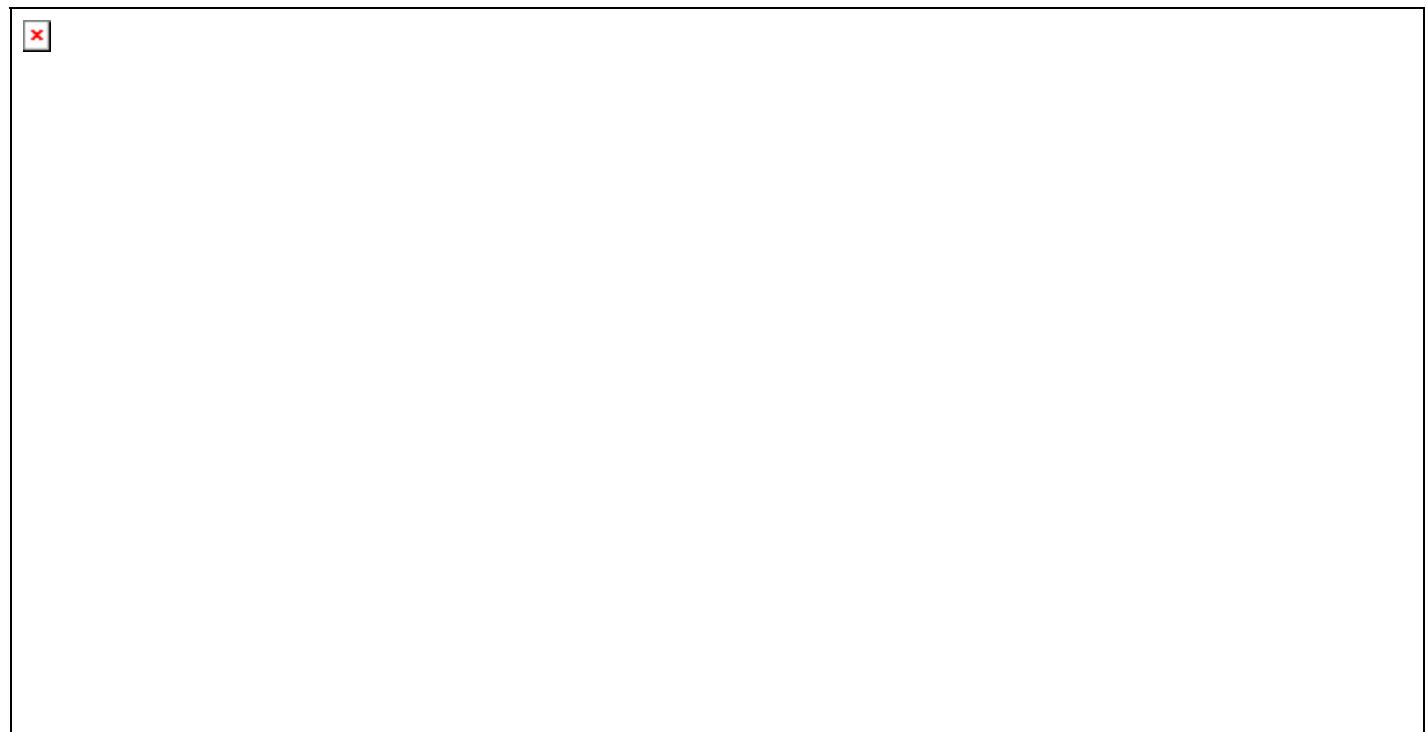
After selecting the file to play, press the OK/PAUSE button.

<Available Buttons and Functions upon playing the PHOTO files>

Function	Remote Controller Button	Description
Pause	OK/PAUSE	If you press this button while the slide show is playing, you can pause temporarily. If you press it again, the file will be played again.
PREV	LEFT	Play the previous file of the current one.
NEXT	RIGHT	Play the next file of the current one.
Turn (CW)	UP	Turn the photo in the clockwise direction (90°, 180°, 270°). If you want to return it to the original status, press the MARK/DEL button.
Turn (CCW)	DOWN	Turn the photo in the counterclockwise direction (270°, 180°, 90°). If you want to return it to the original status, press the MARK/DEL button.
Slide show	Button No.1	Play the slide show from the file selected.
① ZOOM	SETUP	You can zoom in and out the image with the direction keys ▲ ▼ ◀ ▶. Press the MARK/DEL button to return to the original status.
② SCROLL		You can move the image position in four directions with the direction keys ▲ ▼ ◀ ▶. Press the MARK/DEL button to return to the original status.
③ Screen setup		You can change the luminosity, brightness, color depth with the direction keys ◀ ▶. You can save the setup with the OK button.

Setup

1. VIDEO/AUDIO SETUP



※ Attention: After changing each setup option, you can apply the changed value only by pressing the Setup button.

Each option's available options and descriptions are as follows.

1. Setup Mode – VIDEO/AUDIO SETUP

You can set the VIDEO output mode, TV screen ratio, and FM frequency.

– Other Setup

You can set the language, title size & color, slide show interval and initialization.

– About

You can have a glimpse of the information on the Qvix menu structure and manufacturer.

2. HD Component – 480P

Display the component by 480 progressive. At that time, it does not support the component and S-Video output.

– 720P

Display the component by 720 progressive. At that time, it does not support the component and S-Video output.

– 1080i

Display the component by 1080 interface.

3. Video output – NTSC C/S-VIDEO (DEFAULT)

Display the NTSC-mode composite and S-Video signal.

– NTSC C/YPbPr

Display the NTSC-mode composite and component (Y, Pb, Pr) signal.

– PAL C/S-VIDEO

Display the PAL-mode composite and S-Video signal.

– PAL C/YPbPr

Display the PAL-mode composite and component (Y, Pb, Pr) signal.

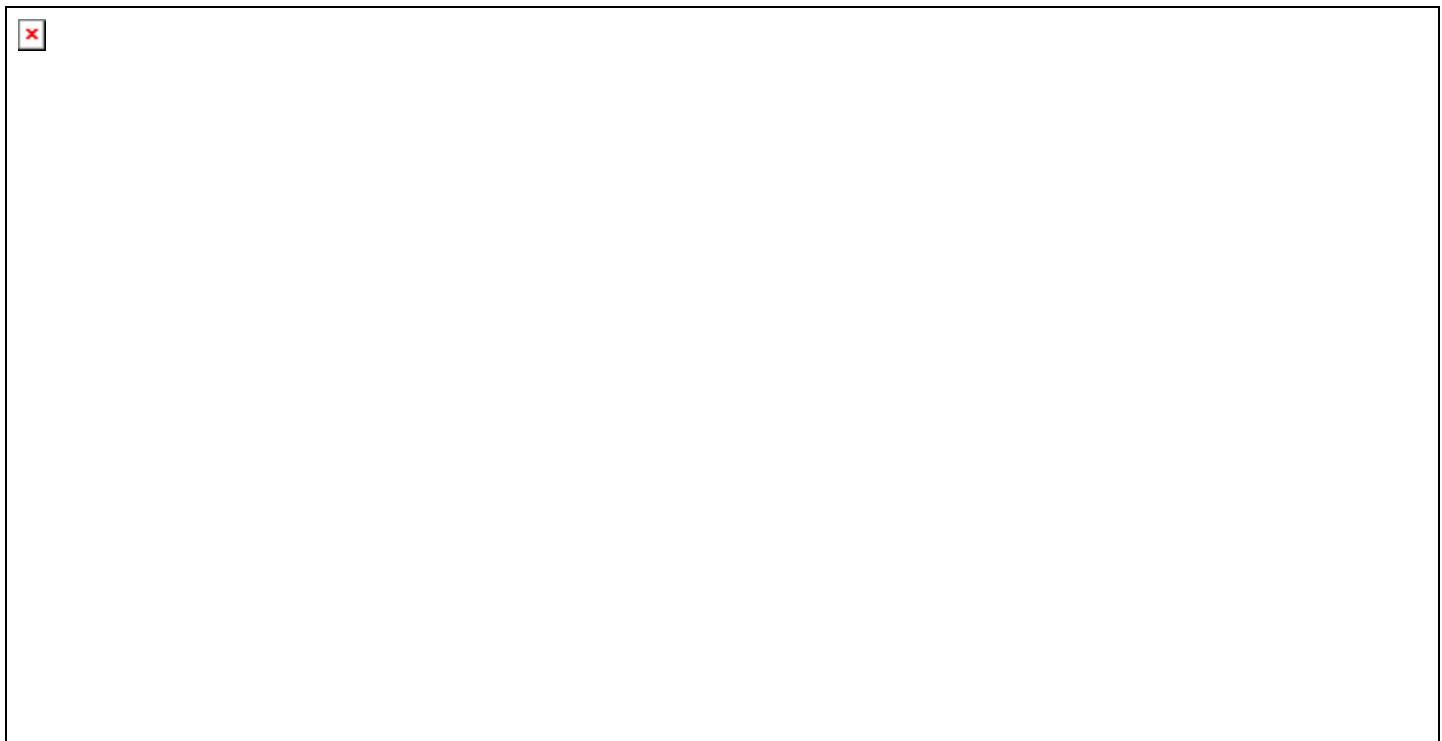
4. Audio output – Stereo

Select it when connecting the AV audio cable (red, white) directly to TV.

– 5.1 channel

Select it when viewing the 5.1 channel DTS/Dolby digital through amp or receiver by connecting the coaxial cable.

2. Other Setup



Each option's available options and descriptions are as follows.

1. Language selection – Korean

Display the contents in Korean on the setup screen or various UIs.

– English

Display the contents in English on the setup screen or various UIs

2. Title color – Letter/outline color

Indicate the letter and outline colors in order. You can select the following combinations.

White/black, black/white...

3. Title size – You can select a big or small title.

4. Slide show interval – 3, 5, 7, 9 seconds.

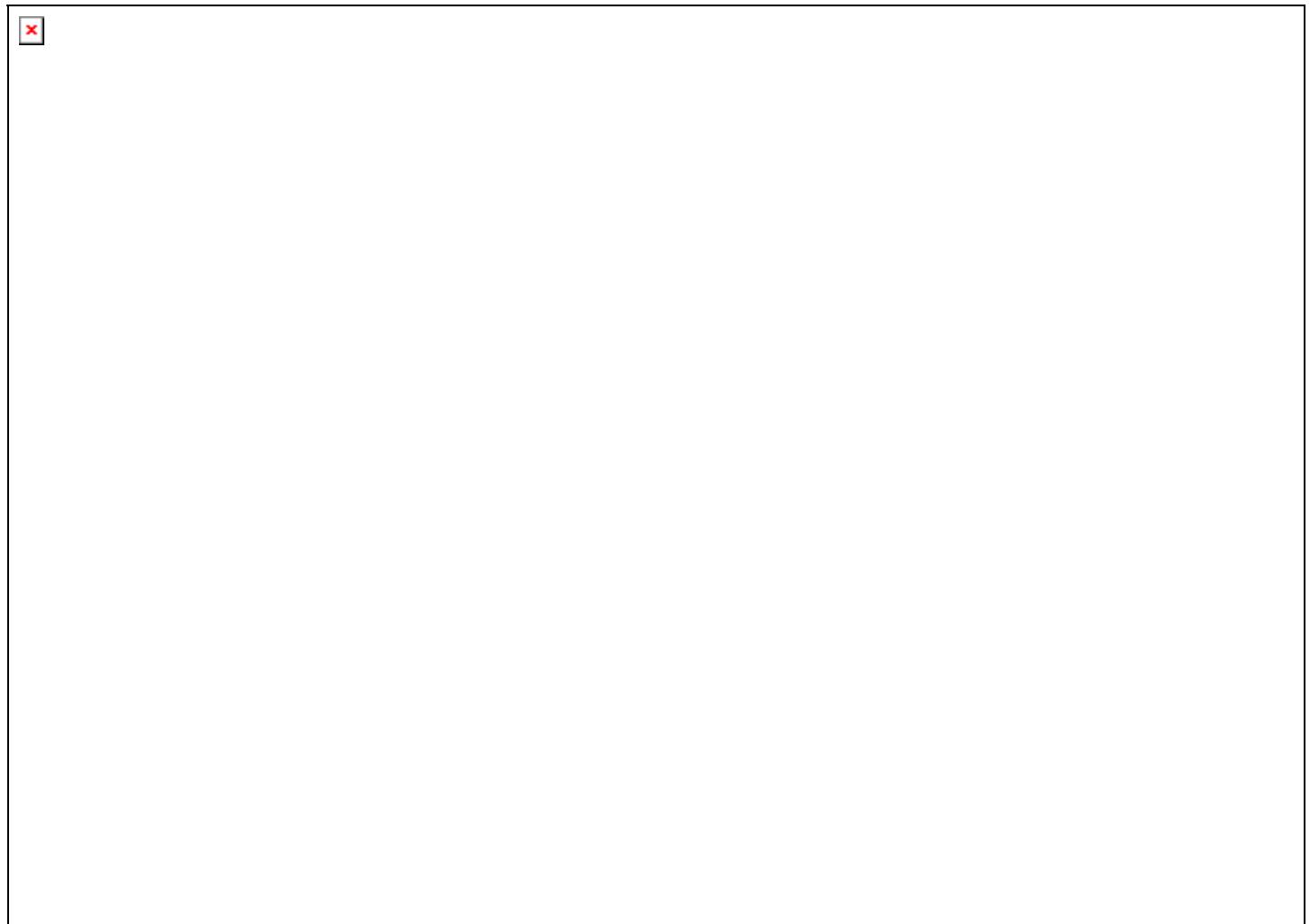
You can set the time interval of the slide show when playing an ipg image file.

5. Setup to initial value – Return all the setup information to the initial value when released from the factory.

3. ABOUT

The following Qvix structure will appear upon selecting the third icon of Setup.

The ABOUT screen will help users have an easy grasp of the manufacturer information related to the product and Qvix structure.



6. Directions for Other Use

1. One-touch MP3 play (Listening to music without TV screen)

Save the music file after making a Qvix folder in the route directory of the hard disc embedded in the Qvix. However, if it is divided into various partitions, please make the Qvix folder in the first partition.

If you press the OK button after turning on and off the Qvix power, the music files saved in the Qvix folder will be played automatically.

* Attention – It is necessary to make a folder name in the capital letters of English.

2. Firmware upgrade

① After downloading the upgrade file (Qvix_FM_v1.o.update) from the Qvix homepage www.e-qvix.co.kr., save the file into the Qvix with PC connected.

② If you connect the Qvix to TV and select the downloaded upgrade file (Qvix_FM_v1.o.update), the window will appear to ask you whether to try upgrade or not.

③ If you select YES, the upgrade will be executed automatically.

④ Once the upgrade is completed, the Qvix will be off automatically and start again so that the firmware upgrade will be completed. If you press the Setup button after upgrade is completed, the firmware version will be displayed on the lower part of the setup screen.

* Attention – Never turn off the Qvix power during firmware upgrade.

If the power is off during firmware upgrade, the product may not run normally.

7. A/S Related Information

Quality Assurance

1. Quality assurance information

Blue Cord Technology Co., Ltd. shall execute its quality assurance according to the consumer damage compensation rules specified by the Consumer Protection Act. Customers are entitled to free service if a failure occurs from normal use within the warranty period. However, when it comes to the failure caused by their own negligence or Act of God, customers shall pay the cost for repair even during the free service period.

Warranty Period	
Classification	Period
Product mainframe and remote controller	1 year
Power adapter	3 months
Various cables and bag	2 months
Battery, user manual, install CD, accessories and others	Not guaranteed
Hard disc not provided along with this company product	Not guaranteed

The free warranty period shall be estimated from the date of purchase. Please, have our staff write the date of purchase on the warranty card or keep the receipt. However, if it is impossible to estimate the date of purchase, we shall count the dates from three months after the date of manufacturing.

2. Responsibilities for paid service

In the following cases customers shall pay the cost for repair even during the free warranty period.

- ① If a failure occurred to the product because foreign substances (water, beverage, coffee, mischief) had happened to go into the product
- ② If a damage or functional failure occurred to the product by dropping it to the floor or giving a shock to it
- ③ If the product appearance is damaged or distorted by organic solvents like thinner and benzene.
- ④ If a failure occurred to the product due to the wrong voltage allowed.
- ⑤ If the product parts are lost or damaged due to customers' voluntary disassembling it.
- ⑥ If a failure occurred to the product due to the wrong repair or reconstruction by other centers or people rather than our service center.
- ⑦ If a failure occurred due to the Act of God (lightning, fire, storm, gas, sea wind, earthquake, etc.).
- ⑧ If a failure occurred due to the disobedience of the "Precautions for Safety" and various precautions specified in the user manual.
- ⑨ If a failure occurred to the product due to other customer negligent acts.

3. Service Information

Tel: 042)601-4557

Homepage: www.bluecord.co.kr or www.e-qvix.co.kr

Letter of Product Warranty

Product name	Qvix	Model name	BDP3500
Date of purchase		Warranty period	
Customer		Address	
		Telephone	
Dealer		Address	
		Telephone	

Repair details and check		Manager
Date		

1. This product has been produced under the strict quality control and inspection procedure.
2. We shall provide you with free repair, if your product failure occurred in normal use during the warranty period.
3. Make sure to submit this letter of warranty when requesting the free service.
4. You shall pay the cost for repair in the following cases even during the warranty period.
 - Failure and damage due to negligent use.
 - Failure due to customer negligence.
 - Failure and damage due to fire, earthquake, flood, lightning, other Act of God, and abnormal voltage.
 - No submission of this warranty letter
 - No record or change in this letter of warranty
5. This letter of warranty cannot be reissued and effective in Korea only.
6. A failure occurred after the warranty period shall be paid for its repair service.

Blue Cord Technology Co., Ltd.

Address: 59-4 Hwaam-dong Yuseong-gu Daejeon

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FCC NOTICE

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.

OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITION:

(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED,
INCLUDING INTERFERENCE THAT MAY CAUSE UNDERSIRED
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 communication. 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 difference from that to which the receiver is connected.
- Consult the dealer of an experienced radio/TV technician for help.

NOTE : The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.