Contents V1.0

ONE
Product Introduction

Thank you for choosing KWorld products. This media player supports a wide variety of video, audio, music, text and subtitle file formats and you will be able to view these files on your wide TV screen in the comfort of your living room. This user manual will guide you how to use this product.

Package contents
- M200
- Remote Control & Battery (2*AAA batteries included)
- Power Adapter DC 5V@2A AC 100-240V,50/60Hz adapter
- User Manual
- AV cable
- YPbPr cable
- Format Factory CD

Features
- Full HD up to 1080p
- Playback wide range of video formats: RM/RMVB/MPEG/VOB/Dat/Divx/Xvid/MKV/MP4/ AVIi/MOV/SWF
- H.264 decode technology with 1080p resolution
- UPnP network streaming
- Supports HDMI, YPbPr & AV outputs
- SRT, SUB, SMI, SSA subtitle formats
- AC3/DTS audio with HDMI 1.3 output
- Playback Resume & time setting(set the playback time)
- Multi-Languages OSD

Product specifications

Audio & Video Decoding		
Video	Real Video	RM/RMVB (up to 720p decode)
	MPEG1/2	Dat
		VOB
		MPG/MPEG
	MPEG 4(DIVX 3/4/5/6 ; Xvid)	AVI (up to 1080p decode)
		MP4 (up to 1080p decode)
		MKV (up to 1080p decode)
	H.264	AVI (up to 1080p decode)
		MKV (up to 1080p decode)
		M2TS (up to 1080p decode)
		MOV (up to 1080p decode)
		MP4 (up to 1080p decode)
	Flash	SWF
Audio	WMA, WAV, OGG, AAC, AC3, M4A, RA/RM	
Picture	JPEG, BMP, PNG	
Subtitle	SRT, SUB, SMI, SSA	
Hardware Specifications		
Card Reader	2 in 1	MMC/SD
USB	USB2.0 Host interface	*2
LAN port	RJ45 female	*1
AV	AV / Y(the two share the same port)	Green RCA JACK
	Pb	Blue RCA JACK
	Pr	Red RCA JACK
	Coaxial/Optical	Coaxial *1
	Audio L/R	White/Red RCA Jack
	HDMI	HDMI 1.3 interface
DC	DC connector	DC: 5V 2A
Button	6 buttons	6 function keys
LED	AV LED	*1
	YPbPr/HDMI LED	*1

Remote Control Guide

Key	Function
⏻	Turn on or enter the stand by mode
🔇	Mute on/off
0~9	Number & letter/alphabet keys(0~9 & A~Z)
Vol-/Backspace	Vol- /Backspace : volume down or back a space when you key in (performs the same function as the "Backspace ◀" key on your computer keyboard)
Vol+/Input	Vol+/Input: volume up or change the input (number or letter/alphabet) for key in.
F1	Switch device(USB1 & USB2)
F2	Directory: List or Thumbnail mode
F3	Sorting Mode: By name or by date
F4	Search supported media files
◀◀	Rewind
▶▶	Fast forward
▶❙❙	Play / Pause
■	Stop
❙◀◀	Previous One
▶▶❙	Next One
Movie	Go to the Movie page
Music	Go to the Music page
Photo	Go to the Photo page
Network	Go to the Network page (if you have set up UPnP network)
OK	Enter/Confirm
▲	Up arrow button (use it to choose items /options on the page)
▼	Down arrow button (use it to choose items /options on the page)
◀	Left arrow button (use it to choose items /options on the page or return to the previously accessed page)
▶	Right arrow button (use it to choose items /options on the page or go to the sub menu)
Menu	Go to the Main Menu
Exit	Exit the current page
Sub	Open subtitle options
L◀)R	Adjust audio
OSD	Turn on the OSD menu
Setting	Go to the Setting page
File	Go to the File page
Edit	Copy or delete files
Tag	Performs playback memory so you can view it from where you left last time
Time	Set playback time: Set which part of the movie to start playback
Scale	Switch the display ratio – 4:3 or 16:9
Zoom	Zoom in/out the image
BMG	Turn on/off background music
Display	Change video output standard

Touch buttons & connection ports

The unit
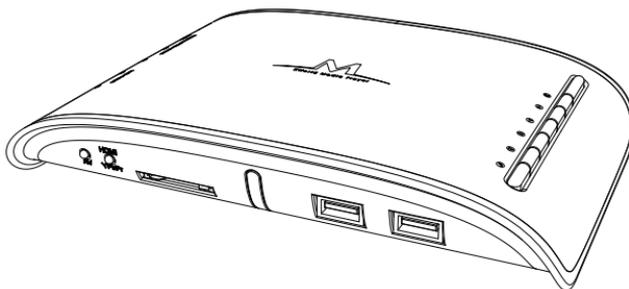
The Panel
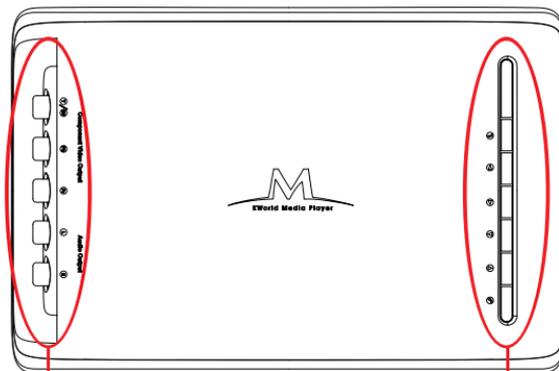
Connection Ports
AV/Y: the one to plug in the yellow one of AV cable or the "Y"
(the green one) of YPbPr cable
Pb: the port to plug in the "Pb" (the blue one) of YPbPr cable
Pr: the port to plug in the "Pr" (the red one) of YPbPr cable.
L: the left audio output port
R: the right audio output port

OK

Up

Down

Left

Right

Exit/Back

Front Panel

HDMI Port   Coaxial   LAN Port   DC IN: to plug in the power adapter

Rear Panel

Card Reader   Remote
                sensor

Left:AV LED
Right:YPbPr/HDMI LED

USB ports
(the left one is the USB 1
and the right one is the USB 2)

TWO
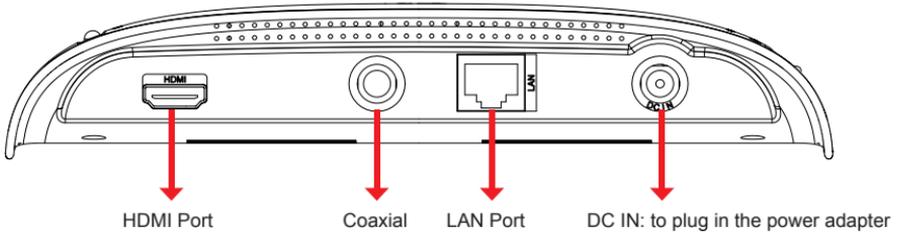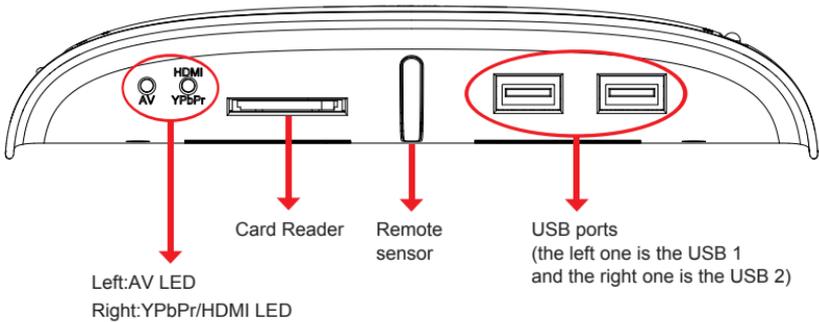
Activating media player

Once you have properly set up the media player following the instructions on the Connection Diagram section, please turn on your TV to enter the main menu screen.

It is suggested that you plug your USB storage device before turning on your TV so that you can see the function icons such as "Movie" and "Music".

USB device indicator: it indicates whether an USB device is connected. If you have 2 USB devices on the media player, use the "Device" key on the remote to switch USB devices(It is suggested to use the left USB port as the primary one)

However, you might encounter a black screen.

To see the pictures, please follow the tips below:

1. Switch the video source of your TV. Your TV comes with multiple video source such as TV, AV, Components, HDMI and/or so on. Please switch to the correct source. For instance, if you connect the media player to TV through YPbPr cables, please switch the video source of the TV to "Components". You may do that with the buttons on your TV remote or buttons on the television.
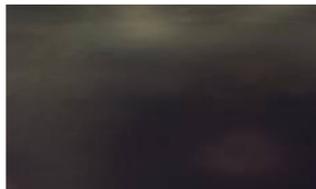
Tip: your remote should have a button with a function like the video source switch, as the picture shown below

The video input button for this particular remote. This picture is for reference only.

2. Switch the video output standard for the media player. To do so, use the Display button on the media player remote. The video output standard is switched in the following order each time you press the button.

" NTSC / PAL / 480i/576i/480p/576p/720p/1080i/1080p"
NTSC / PAL is outputted via AV cables, while the rest are by YPbPr/HDMI.

Setting

Use the arrow keys on the remote to select "Setting" and press "OK" to enter.

You will see a list of items once you have entered the "Setting" page.
The items include "Display", "Language", "Photo setup", "Movie setup", "Music setup", "Text setup", "Default", "About" and "Upgrade".

Display

1. Use the Up and Down arrow keys to select "Display" on the list and press the "Right" arrow key to access the setting functions.

   a. Display: use the Left and Right arrow keys to change Display mode –PAL/NTSC/480i/576i/ 480p/576p/720p/1080i/1080p.

   NTSC / PAL is output via AV cables, and the rest are by YPbPr/HDMI.

   b. TVMode: use the Left and Right arrow keys to change the TVMode – 16:9 and 4:3. Note: this TVMode means the aspect ratio.

   To confirm the choice you made, just press "OK" and return to last page.

Language

Use the Up and Down arrow keys to select "Language" on the list and then press the "Right" arrow key to access it.

This page shows the languages that this media player supports: English, Chinese (simplified, means in simplified characters), Chinese (Traditional, means in traditional characters), German, French, Spanish, Italian, Portuguese, Netherlands, and Russian.

Use the Up and Down arrow keys to select the language.

To confirm the choice you made, just press "OK" and return to last page.

Photo setup

To enter the "Photo setup" setting, use the Up and Down arrow keys on the remote to select it and press the Right arrow key.

On the "Photo setup" page, you can do the following settings for Photo functions:
*Use the Up and Down arrow keys to select the item you want to configure
*Use the Left and Right arrow keys to change the options of the item you choose
View: set your viewing preferences in "Thumbnail" or "List"
Sorting: sort your files "By file name" or "By file date"
Directory: enable/disable directory
Repeat: set repeat preference in "Repeat all", "Repeat directory" or "Repeat off".
Cropping: set picture viewing styles in "Smart crop", "Stretch photo", or "Entire photo".

Slideshow duration: set slideshow duration period in "3s", "5s", "10s", "30s", "60s" or "5m" (s=seconds, m = minutes)
Transition effect: turn on or off the transition effect

To confirm the choice you made, just press "OK" and return to last page.

Movie Setup

To enter "Movie setup" setting, use the Up and Down arrow keys on the remote and press the Right arrow key.

On the "Movie setup", you can configure the following options:
*Use the Up and Down arrow keys to select the item you want to configure.
*Use the Left and Right arrow keys to configure the options of the item you choose.

View: set your viewing preferences in "Thumbnail" or "List"
Sorting: sort your files "By file name" or "By file date"
Directory: enable/disable directory
Repeat: set repeat preference in "Repeat movie", "Repeat all", "Repeat directory" or "Repeat off".
Subtitle: set subtitle preferences in "Middle", "Big", "Huge", "Off", "Small" and "Tiny"
Resume Play: turn on or off the Resume play function
Subtitle Encoding: choose your subtitle encoding formats – "Default", "Unicode (UTF16_LE)", "Unicode (UTF8)", "Simplified Chinese (GB)", "Traditional Chinese (BIG5)" or "Western languages"

To confirm the choice you made, just press "OK" and return to last page.

Music setup

To access the "Music setup" setting, use the Up and Down arrow keys to select it and press the Right arrow key.

On the "Music setup" page, you can configure the following options:
*Use the Up and Down arrow keys to select an item you want to configure.
*Use the Left and Right arrow keys to change setting of the item you choose.

View: "Thumbnail" or "List"
Sorting: "By file name" or "By file date"
Directory: enable/disable directory
Repeat: choose your repeat preference –
"Repeat directory", "Repeat song", "Repeat off",
or "Repeat all".
Lyrics: enable or disable lyrics
To confirm the choice you made, just press "OK"
and return to last page.

Text setup

To configure the "Text" functions, use the Up and
Down arrow keys to select "Text setup" on the
list and press the Right arrow key to enter it.

On the "Text setup" page, you can do the
following settings for "Text":
*Use the Up and Down arrow keys to select an
item you want to configure.
*Use the Left and Right arrow keys to configure
the setting of the item you choose.

Sorting: "By file name" or "By file date"
Directory: enable or disable directory
Font Color: "Black", "White", "Blue" or "Green"
Background Color: set background color in "Effect 1" , "Effect 2", or "Effect 3"
Auto Browser Speed: "Normal", "Slow", "Fast"
Resume Play: turn "On" or "Off" the Resume play function

To confirm the choice you made, just press "OK" and return to last page.

Default

To access the "Default" setting, use the arrow
keys to select it and press the Right arrow key to
enter.

Please choose "Yes" or "No" whether you would like to return to the default setting.

If you press "OK" on "Yes", the media player will return to its default setting.

About

Use the Up and Down arrow keys to select "About" and press the Right arrow key to enter it.
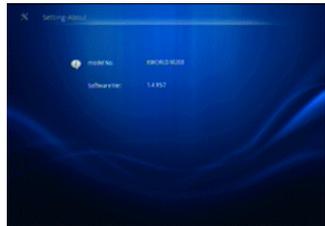
When you enter "About", you can view the version and model number of this media player.

Upgrade

Updating the Firmware
1. Please download the latest updated firmware at KWorld's official website (go to KWorld website and then "Product"►"Home Media Center"►"Home Media Center M200"), and save into your USB portable disk.
2. Plug the USB portable disk into the USB 1 port (the left one) onto the media player M200.

3. Enter the main menu of the media player (turn on the media player if you haven't turned it on)

4. Go to "Settings"►"Upgrade"►"Install Now".

5. The update may take a while and please do not turn off the power of the media player. Once the update is completed, the media player will reboot itself.

Notes: the default video output may be different from the one you have configured, so that you might encounter "black screen". Please press the "Display" key to switch your video output mode (you might need to press couple times to get to the right video output).

THREE

About UPnP Network

About UPnP Network

Universal Plug and Play (UPnP) is a set of networking protocols defined by the UPnP Forum. The objective of UPnP is to enable devices and/or facilities at home to connect each other cordlessly, while simplifying the installation of networks at home (data sharing, communication and entertainment), or establishing a corporate setting with simplified network connecting computer related devices.

Once the UPnP is implemented, users can share multimedia files through UPnP Server terminal such as PC or NAS. On the other hand, there are products in the market like Media Player, PS3 and Xbox 360 that are built with UPnP Client terminal. User can directly open and play files shared on UPnP Server through network.

This Media Player (Model M200) supports UPnP Client function, but it requires WIFI or Ethernet to connect to UPnP Server to make it work. Users can then play files on the UPnP Server through Network Streaming.

Please remember that only the WIFI USB wireless devices built with Atheros (ZD1211B) chipset can be employed in this function.

Card name	Chipset	Antenna
Trendnet TEW-429UB C1	Zydas zd1211b	Internal
ZyXEL G-202	Zydas zd1211b	Internal

We will post it on our website for any further updates.

Media Player: UPnP Application
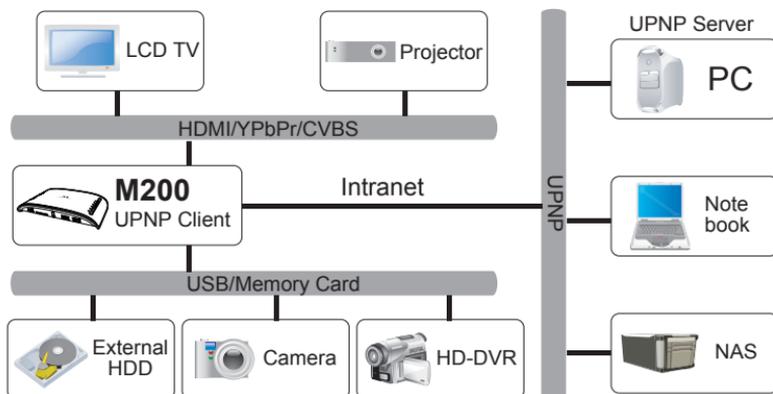
Additional Tips for UPnP Server and Player Setup

For Windows Media Player
Check option in "Library"►"Media Sharing" or "Media Streaming". This will run the execution process that will handle UPnP server.
Note: It works independently and doesn't need to run WMP (Windows Media Player) but you do need to access to it for all media library management.
Note: Windows Media Player can act as UPnP Server and Player (However, latter only if used on Vista)

For more information, please refer to Microsoft official website that has FAQ on media sharing.

For XBMC Media Center
Previously known as Xbox Media Center, this software has become a massive open source with multiple media applications. It can act as UPnP server, player and renderer.

To enable the server, go to Setting > Network > UPnP and add the content that you want to share.

For viewing the content, please add your UPnP share as the source when choosing a media file for playback.

FOUR

UPnP Setting on the Media Player

1. Please go to "Setting" and then select "Network setup".
2. Press "OK" on the remote to enter the "Network setup".

3. There are options of "Setting-Wifi-Auto / Setting-Wifi-Manual / Setting-Ethernet-DHCP / Setting -Ethernet-Manual / Current Net Property / Default MAC Address".Please use the Up and Down arrow buttons on the remote to select.

Setting-WIFI-Auto: Automatically search for the WIFI connection and perform the setting
Note: you must have WIFI installed to perform the "Setting –WIFI-Auto" option.

Setting-WIFI-Manual: perform the WIFI setting manually. You can enter an IP address that you would like to connect to. You also need to configure for other items such as "Subnet Mask", "Gateway" and "DNS Server". Once you have configured the setting, please press "OK" on the remote to confirm. (You need to have WIFI installed first)

Setting-Ethernet-DHCP : automatically search and perform IP setting through DHCP protocol. If the media player can not detect your Ethernet DHCP, please go to "Setting-Ethernet-Manual" to manually do the setting.

Note: you must have plugged the Ethernet cable to the media player at first to perform this setting.
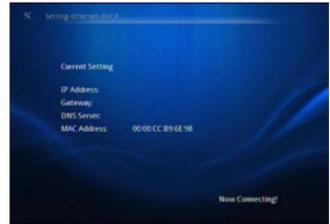
Setting-Ethernet-Manual: manually enter the IP address. An easier way to do it is follow all the IP information, including IP Address, Subnet Mask, Gateway and DNS Server of your PC and enter the same information on "Setting-Ethernet-Manual".

Note: you can find the information by going to "Start"►"Control Panel"►"Network and Internet Connection"►Right click on "Local Area Network"►"Properties", and then you can obtain your IP or DHCP address.

Current Net Property: displays the current conditions of the network.
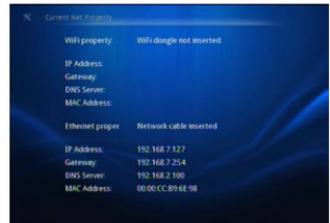
Default MAC address: Press "OK" to load default MAC address.

Once you have established the network (either by WIFI or Ethernet), you will see the "Network" icon on the main menu. You can select it and press "OK" to enter it.

When you see the "UPNP" icon, please press "OK" to access it.

When you enter UPnP, you will see the page that is similar to the main menu. There are icons such as "Movie", "Photo", "Music" and "Text". You can then choose the types of file for playback through network. For instance, you can play the multimedia file in your PC through this media player.

You will see a list like the figure below when you enter the "Movie", "Photo", "Music" or "Text". A "net_upnp1" folder indicates that you have one UPnP Server. You will see 3 folders on the list if you have 3 UPnP Servers. Then, just select one of the servers and choose the file you want to play.

FIVE

Getting started with the Media Player

On the main menu screen, you will see "Movie", "Photo", "Music", "Text", "Flash", "File" and "Setting" icons. These icons indicate the categories of files from the USB storage device you inserted. For instance, if you enter the "Movie" icon, you will access to the video files in your USB storage device.

If you have set up the UPnP network, the "Network" icon will appear.

Movie

1. Use the left and right arrow keys on the remote to select the "Movie" icon on the main screen and click "OK" to enter.
2. You must have your USB device connected to the media player first in order to access the files.
3. Once you enter the "Movie" icon, you will see a page displaying the list of folders and/or video files in your USB device.
4. Use the arrow keys on your remote to select a file and press "OK" to playback it.

OSD control bar
Press the "OSD" button on the remote to enable the OSD control bar

Control functions on the OSD

You can use the left and right arrow keys to select functions on the OSD control bar once it is activated.

Subtitle options ——————————— Switch Audio source
Play/Pause ——————————— Zoom
Rewind ——————————— Fast forward
Go to the last file ——————————— Go to the next file
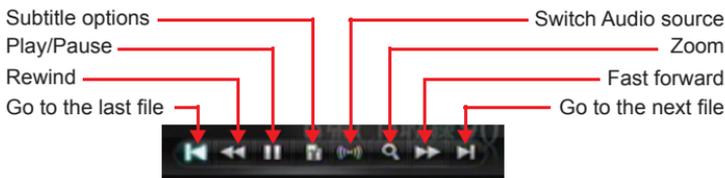
Resume the video: this media player features the resume function. This function enables you to resume the video you were watching from where you left off last time.

Photo

1. Use the left and right arrow keys on the remote to select the "Photo" icon on the main screen and click "OK" to enter.
2. You must connect your USB device or insert a memory card to the media player first in order to access the files.

3. Once you enter the "Photo" icon, you will see a page displaying the list of folders and/or image files in your USB device.

Note: please keep in mind that if some files in your USB device or memory do not show up after you insert it, it may indicate that this media player is not compatible with those file formats.

4. Use the arrow keys on your remote to select a file and press "OK" to playback it.

OSD control bar

Zoom ——————————————————— Music
Rotate ——————————————————— Cropping
Play/Pause ——————————————————— Go to next file
Go to the last file ———————————
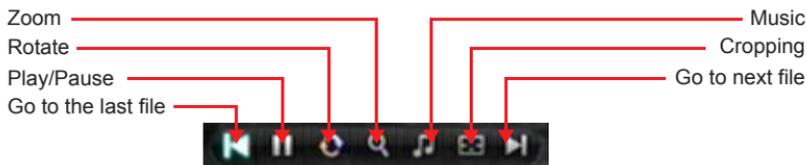
Note: Cropping means ways of photo presentation. This media player offers "Smart", "Stretch" and "Entire" cropping styles.

Music

1. Use the left and right arrow keys on the remote to select the "Music" icon on the main screen and click "OK" to enter.

2. You will see a page displaying the audio files in your USB device. Please keep in mind that you must have your USB device connected to your media player to see the files.

Note: please keep in mind that if some files in your USB device or memory do not show up after you insert it, it may indicate that this media player is not compatible with those file formats.

OSD control bar

Stop ——————————————————————— Repeat all
Play/Pause ——————————————————— Repeat
Rewind ———————————————————————— Fast forward
Go to the last file ——————————————— Go to the next file

Text

1. Use the arrow keys on the remote to select "Text" on the main screen and press "OK".

2. Once you have accessed into the "Text", a page will display the playable text files.

   Note: please keep in mind that if some files in your USB device or memory do not show up after you insert it, it may indicate that this media player is not compatible with those file formats.

3. Use the arrow keys to select a file and press "OK" to playback it.

Flash

1. Use the arrow keys on the remote to select "Text" on the main screen and press "OK".

2. You will be able to view the flash file list.

   Please keep in mind that the flash file format is in "SWF".

3. Select a file with the arrow keys on the remote and press "OK" to playback it.
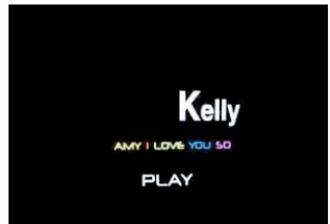
File

1. Use the arrow keys to select "File" on the main screen and press "OK"

2. You can browse and select the files with the arrow keys on the remote.

SIX

FAQ

Q1: The media player unit does not function and the buttons on it do not work. What should I do?

A: It could be that the unit is loading data from the USB storage device and it may take a while. However, if you are sure that the unit does not function, please try to unplug the power adapter and plug it again.

Q2: There is no picture on the screen. What to do?

A:Please check the followings:

1.Please check if the power adapter is properly connected.

2.Please make sure if the AV, YPbPr or HDMI cable is connected appropriately.

3.Remove the SD memory card or USB device and then plug in again after the unit is turned on normally.

4.Switch your video source to the appropriate one. Use the "Display" button on the remote to do so. The order of the source switch is as followed -- PAL/NTSC/480i/576i/480p/576p/720p/1080i/1080p. Just press it until you see the picture.

Q3: Why can't I play my movie file?

A:Please double check the movie formats supported by this media player and then make sure the media player functions normally. If the movie format you wish to play is supported by this media player, please try to reboot the unit. If it still does not work, perhaps this format is not supported by this media player.

Q4: Why can't I adjust subtitle ?

A:Please keep in mind that some videos or movies you download from the Internet come with subtitles, which means once you have downloaded the movie, the subtitles are there already. In that case, you can not use the subtitle functions of this media player to make any change for the subtitles of these movies.

End-user License Agreement
Please read this agreement carefully before using the product:
Please ensure:
(1)Do not dismantle the product for improper purposes.
(2)Do not read and refresh the firmware of the product by improper means.
(3)Do not conduct inverse engineering and disassembling for related software and codes of the product
(4)The product and this license agreement can be transferred to a third party who accepts the terms and conditions of the agreement. When you transfer the full or part of the product to a third party, the license agreement for you to use the product terminates automatically.

How to use this user Manual:
Please read this user manual carefully before using the product. The content of the manual as well as the hardware and software of the product have been processed with intensive care. No responsibility is assumed for any direct or indirect losses arising from hardware damage, program damage, file loss or system breakdown due to improper operations. As you have carefully read this agreement, it is ensured that the terms and conditions have been fully understood and will be strictly followed.

Precautions
Please carefully read and pay close attention to the following before using the product:
(1)Do not expose the product to rains or damp environments to prevent fire or electric shock.
(2)Do not expose the product to moisture, dripping or splashing in order to reduce the danger of fire, electric shock or product damage.

Safety Instructions
(1)Use the original adapter for the product, and do not share an adapter with any other devices.
(2)Do not place the power cord and plug of the adapter near heat sources.
(3)Do not dismantle and repair the adapter and its power cord.
(4)Do not open the enclosure of the product to ensure your safety. Please ask trained professionals to conduct maintenance if necessary.

Maintenance Tips
(1)The product is of complicated and sophisticated structure, so only trained professionals are allowed to open the product to prevent damage from happening.
(2)Do not dismantle components of the product on your own .The warranty mark will be invalid automatically if you dismantle and repair the product on your own.
(3)Please contact our local warranty department to arrange for maintenance if necessary. To replace devices or accessories, please select the original ones designated by the manufacturer.

WARNING

This User's Manual is for specific product, and all its contents are processed with due care but are not ensured fully correct. We assume no responsibility for any loss arising from use of this manual. The right to interpret all contents of this User's Guide belongs to the company. The manual is subject to change without notice. This User's Manual is not authorized to any party and no reproduction or copy, in part or whole, of the manual in any way is permitted.

KWorld Website: www.kworld-global.com