

User manual

SUMVISION CYCLONE —MKV— 2

Full HD 1080p

HDMI Network Media Player Enclosure



Contents:

Safety Instructions:	5
Product Details:.....	7
Packaging List:.....	7
Front View:	7
Back View:.....	9
Remote Control:	10
User Interface:	13
Main Menu:.....	13
Browser Menu:	14
Setup Menu:	15
Installing a Hard Disk Drive:.....	16
Basic Setup:.....	17
Connecting Power:	17
AV Cable:	17
Component output connection (YPbPr).....	18
HDMI Cable:.....	19
Optical Cable (Audio Only):.....	19
USB Host Interface:.....	20
Direct PC Connection via USB:.....	20
Connection and Network Setup:.....	21
Wired Connection:.....	22
DHCP IP (Auto):	22
Fixed IP (Manual):	22
Wireless:.....	23

Viewing Multimedia:	24
Movie Playback:	24
Movie Playback Options:	25
Audio Playback:.....	27
Audio Playback Options:.....	28
Image Playback:.....	29
Image Playback Options:.....	29
Slideshow Viewing with Background Music:	30
File Copy:.....	31
Copy / Move:	31
Configuring File Sharing with Windows XP:.....	33
Configuring File Sharing with Windows Vista:.....	34
UPnP:	35
Playlist	35
Playlist Creation:	36
Playlist Media Playback:.....	36
Removing Files from Playlist:	36
Network Media Access:	37
Settings:.....	39
Audio Settings Menu:	39
Video Settings Menu:	39
Network Settings Menu:	42
System Settings Menu:	43
MISC Settings Menu:	44
BitTorrent/Samba Installation:	45

Neighbour Web Interface:	46
BitTorrent Download:.....	47
Adding a New Torrent:	48
BitTorrent Settings:.....	49
Visit Neighbour:	51
Account Management:	51
Firmware Upgrade:	53
Formatting a Hard Disk Drive:.....	54
Troubleshooting:	54
Product Specifications:	57
Media Codec Information:.....	58
Maintenance Notice:	59

Safety Instructions:

READ THESE INSTRUCTIONS:

All safety and operating instructions should be read before this product is used.

KEEP THESE INSTRUCTIONS:

These safety and operating instructions should be retained for future reference.

FOLLOW ALL INSTRUCTIONS:

All operating instructions should be followed.

AVOID USING PRODUCT NEAR WATER:

Do not use this product near a water source.

ALWAYS CLEAN WITH A DRY CLOTH:

Clean using a soft, dry cloth only.

HEAT:

Do not install near a heat source, such as radiators or other apparatus that produce high level heat.

POWER OUTAGE:

Avoid use of the product during electrical storms. Disconnect device when not in use for long periods.

SERVICING:

If product is or becomes defective please refer to a qualified service technician.

AVOID BLOCKING AIR VENTS:

Do not block the air vents in order to avoid heat build up. A minimum of 5cm is recommended to maintain free air flow.

PROTECT THE POWER CORD:

Prevent the power cord from being walked on and being pulled with sudden force. Protect the cord from being pinched, particularly at plugs and the point where they exit the device.

DO NOT DROP:

Do not drop the player as this will cause irreversible damage.

ONLY USE RECOMMENDED ACCESSORIES:

It is recommended to use only manufacturer approved accessories to avoid any compatibility issues or damage to the product.

HARD DRIVE AND OTHER MEDIA STORAGE DEVICE:

We will not be liable in any way for damage as a consequence of loss or recovery of data on the hard drive and other attached media storage.

Customers are advised to backup data before using this device.

We are not liable for compatibility issues with the media storage unit. It is recommended that customers buy a compatible storage media unit for this player.

Product Details:

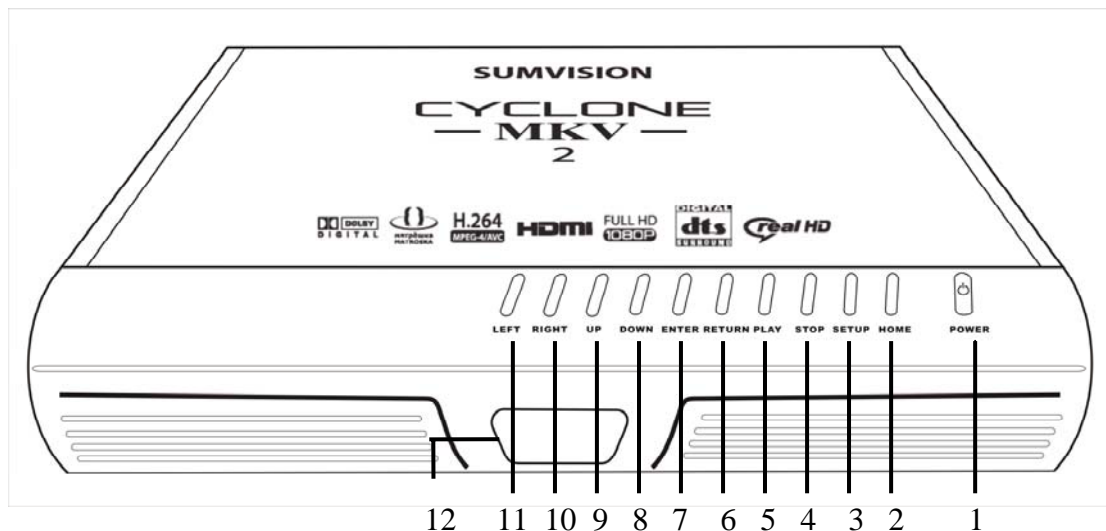
Packaging List:


Please ensure that the following items are included in the box when opened.

If any items are missing, please contact your supplier immediately.

Media Player	1 x
Power Adapter	1 x
Remote Control	1 x
AV Cable	1 x
Support CD	1 x

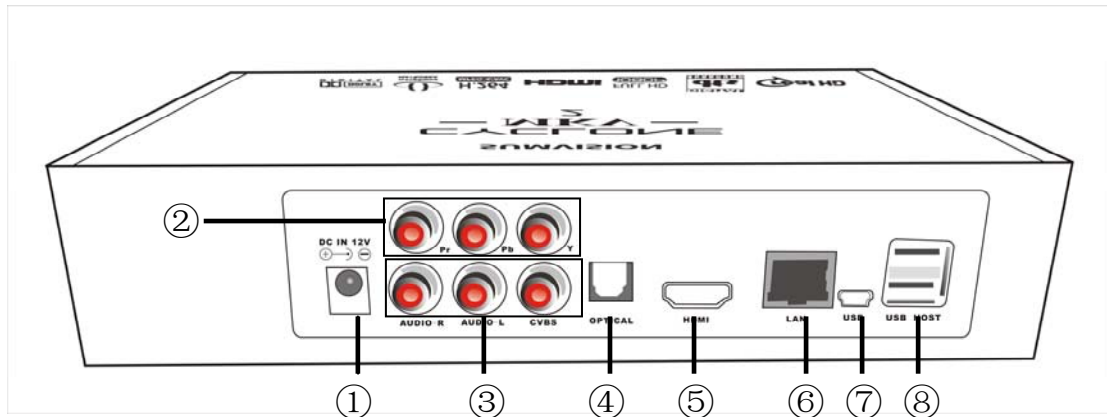
Front View:



- | | | |
|---|---|---|
| 1 |  | Press to switch the player on or go into standby mode. The LED will light up blue when switched on. It will light up red when switched to standby mode. |
| 2 | HOME | Press to return to the player's main menu. |
| 3 | SETUP | Press to enter the player's setup menu. |
| 4 | STOP | Press to stop media playback. |
| 5 | PLAY | Press to resume media playback. |

6	RETURN	Press to return to the previous menu.
7	ENTER	Pressing this button will confirm or select an action.
8	DOWN	Press to move onscreen cursor down.
9	UP	Press to move onscreen cursor up.
10	RIGHT	Press to move onscreen cursor right.
11	LEFT	Press to move onscreen cursor left.
12	IR	Infrared sensor. LED light display.

Back View:



1	DC IN 12V	Power port.
2	Component	YPbPr component video output
3	AV Out	Composite video output.
4	Optical	Optical audio output to connect to a surround sound system.
5	HDMI	High definition video output port. Used to display high quality video and audio.
6	LAN	10/100 network port to connect the media player to a wired network.
7	USB	USB 2.0 port. Used for file transfers when connected to a PC.
8	USB Host	USB Host port to connect to multiple external storage devices.

Remote Control:



Power	Switches the Cyclone MKV 2 on and off from standby mode.
Mute	Switches on and off audio output.
TV System	Toggles the Cyclone MKV 2 between NTSC, PAL, 480p, 576p, 720p 50Hz, 720p 60Hz, 1080i 50Hz, 1080i 60Hz, 1080p 50Hz and 1080p 60Hz.
0-9	Number Keys.
GoTo	Press to select movie chapter.
Guide	Returns user to main menu.
Return	Returns user to the previous menu.
FR	Press to fast rewind. Toggles fast rewind by X2, X4, X8, X16 and X32.
FF	Press to fast forward. Toggles fast forward by X2, X4, X8, X16 and X32.
Setup	Press to enter the setup menu.
UP	Navigation button. Moves cursor up.
Down	Navigation button. Moves cursor down.
Left	Navigation button. Moves cursor left.
Right	Navigation button. Moves cursor right.
OK	Pressing this button confirms or selects an action.
Prev	Press to return to previous file. Also scrolls page up on list.
Next	Press to go to next file. Also scrolls page down on list.
Vol +	Press to increase audio volume.
Vol -	Press to decrease audio volume.
Option	Opens the option menu to rename or delete files.
Stop	Stops media playback.
Pause/Step	Press to pause media playback. Press continuously for step by step playback.

Repeat	Press to set repeat options: Chapter, Title or Off.
Play	Press to resume media playback.
Select	Press to select files or folder to be copied in copy mode. Press to select the file and then press "confirm" to add or delete file in the playlist
Confirm	Press to add or delete option in playlist
Info	Press to display time, title and other information when playing video and image files.
Subtitle	Switch on subtitles if available.
Slow	Press to activate slow motion. Toggles slow motion by X1, X3/4, X1/2, X1/4, X1/8 and X1/16. Press PLAY to resume regular play speed.
Audio	Press to toggle between different audio outputs.
Zoom	Press to zoom video or image files on display. Video zoom levels: X2, X3, X4 and X8. Image zoom levels: X2, X4, X8 and X16.

User Interface:

The Cyclone MKV 2 user interface has been designed to allow easy access to the media player's many features.

Main Menu:

Upon starting the Cyclone MKV 2 this menu will be displayed first.



File Copy:

Provides access to the media player's file management capabilities. It provides access to the file copy and move functions.

Browser:

Provides access to media locations.

Setup:

Provides access to the Setup Menu.

IMS:

Provides access to Internet services.

Browser Menu:

This menu provides access to media locations.



USB:

Provides access to multimedia files on connected external USB hard drives.

HDD:

Provides access to multimedia files on the local HDD.

NET:

Provides access to multimedia files located over your Local Area Network.

UPnP:

Provides UPnP shared files over your Local Area Network.

Playlist :

Provides access to playlist creation and playlist playback.

Setup Menu:



Audio:

Provides access to audio configuration settings.

Video:

Provides access to video configuration settings.

Network:

Provides access to network configuration settings.

System:

Provides access to internal system configuration settings.

MISC:

Provides access to image configuration settings and other aspects of the media player.

Installing a Hard Disk Drive:

Installing a HDD into the Cyclone MKV 2 enclosure can be done without the need of any tools.

Important Notice: It is advised to wear an antistatic wristband to prevent electrostatic discharge from damaging any electrical devices.

Before installing the HDD into the enclosure, please ensure that the Cyclone MKV 2 has been disconnected from its power source.

When the Cyclone MKV 2 is free of all cables, open the HDD compartment door. This is located on the right hand side of the enclosure.

Gently but firmly insert the HDD into the compartment until the locking mechanism clicks.

Once the HDD is locked in place, close the compartment door.

After installing the HDD, format it using the built-in format utility. The format utility can be accessed from the setup menu. Select the System tab and scroll down to HDD Format. For more information please refer to this manual's formatting section.

Important Notice: It is advised not to install a HDD that already contains data on it, as the formatting process will erase all data currently on the HDD.

Important Notice: If you wish to use the optional BitTorrent and Samba functions, it is advised to install the required files at this point. The initial installation of these functions requires a HDD format. All subsequent installations do not require a HDD format. For more information please refer to this manual's BitTorrent/Samba section.

To remove the HDD from the enclosure please ensure that the Cyclone MKV 2 has been disconnected from its power source.

Open the compartment door located right of the enclosure.

Once opened located the latch on the left side of the compartment. Firmly press to the Latch to release the HDD.

Remove the HDD and close the compartment door.

Tip: Press the HDD into the enclosure whilst pressing the release latch. This will make it easier to release the HDD.

Basic Setup:

Important Notice: If you wish to use the optional BitTorrent and Samba features, it is advised to install the required files first. This is because the initial installation requires the HDD to be formatted after completion and may result in data loss. Please refer to this manual's BitTorrent and formatting sections for more information.

To setup up your media enclosure you will need to connect it to your TV set and supply power to the MKV 2 enclosure. You may also wish to connect the Cyclone MKV 2 to your surround sound system, wireless or wired network and attach an external hard drive.

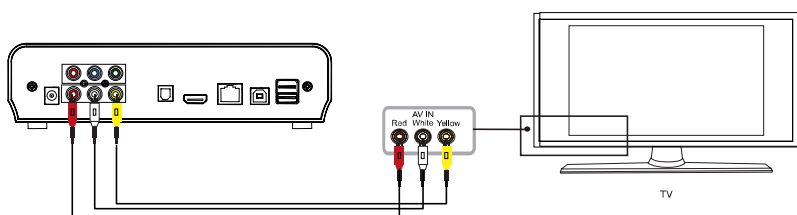
First of all examine the back of your TV set and locate its AV ports. Please make sure you have the correct cables for your chosen setup.

Connecting Power:

Please ensure the power socket switch is in the off position before plugging in the power adapter to the wall.

Connect the power adapter (supplied) to the back of your Cyclone MKV 2 and plug the power into the power socket. You will notice the standby LED is now lit.

AV Cable:



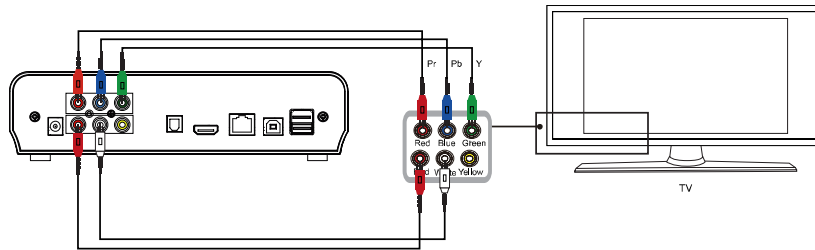
Connecting the Cyclone MKV 2 to your TV will allow you to view multimedia in standard definition.

Using the AV lead (supplied), connect the 3.5mm jack into the 3.5mm composite port on the back of the Cyclone MKV 2. On the other end of the cable plug the red, yellow and white connectors into the corresponding input ports of your TV.

Switch on your TV and select AV mode, if required.

Press the POWER button on the remote control to switch on the Cyclone MKV 2.

Component output connection (YPbPr)



Connecting the Cyclone MKV 2 to your TV via the component ports (YPbPr) will provide a higher quality visual output than is possible with composite.

To connect the player via component cable*, plug the Red (Pr), Blue (Pb) and Green (Y) connectors into the associated ports. On the other end of the cable plug the Red, Blue and Green connectors into the corresponding input ports of your TV.

It is important to note that the component cable will only carry video signals; therefore you will need to plug in a separate AV cable for sound signals.

With the supplied AV cable, connect the Red and White connectors into the Red and White audio output ports of the media player. At the other end of the cable plug the Red and White connectors into the corresponding audio input ports of your TV

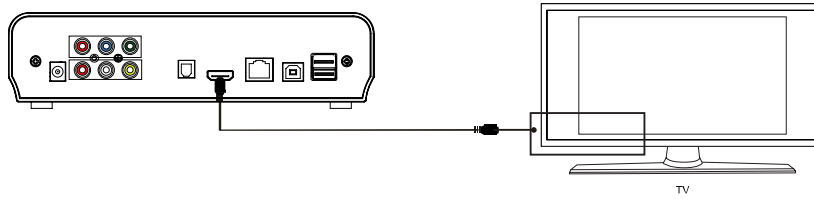
Switch on your TV and select the appropriate input mode, if required.

It is not required to plug in the Yellow connector since the video signal is provided by the component cable.

Press the standby button on the remote control to switch on the Cyclone MKV 2.

* Please note component cable is not included with this product.

HDMI Cable:



Connecting your Cyclone MKV 2 to your TV via HDMI provides the highest quality of visual output and high quality audio in a single cable. HDMI output can provide video resolutions of up to 1080p**.

Connect the HDMI cable* to the HDMI output interface on the back of the Cyclone MKV 2. Connect the other end of the cable to your TV HDMI input port.

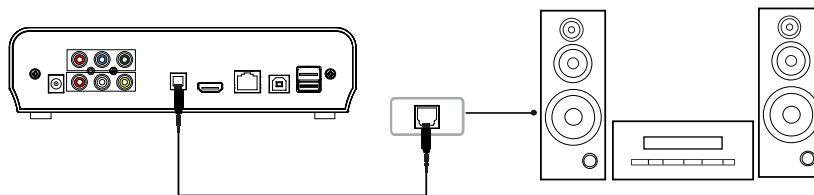
Switch on your TV and select HDMI mode, if required.

Press the standby button on the remote control to switch on the Cyclone MKV 2.

* Please note HDMI cable is not included with this product.

** Please note that the device can display 570p / 720p / 1080i and 1080p resolutions, however not all HDTVs are able to display higher resolutions. Please consult TV user manual.

Optical Cable (Audio Only):



Connecting your Cyclone MKV 2 to your surround sound system via optical cable provides high quality digital audio output. Digital audio signals through optical cable are less susceptible to interference from nearby electrical devices giving better quality.

Connect the optical cable* to the port labelled optical on the back of the Cyclone MKV. Connect the other end of the cable to an identically shaped port in your surround sound system.

Enter the Cyclone MKV 2 audio setup and select “SPDIF Output.” Once selected, choose one of the digital audio options “LPCM DUAL CH” or “RAW”. This should now enable sound to your surround sound system.

* Please note optical cable is not supplied with this product.

USB Host Interface:

The Cyclone MKV 2 comes with two USB Host ports, allowing for quick and easy external media storage expansion. It is compatible with standard external hard disk drives, flash drives, digital cameras, card readers and other data storage devices.

To connect your external hard disk drive to your Cyclone MKV 2, please turn off the media player. Connect the USB cable to the USB port on the external hard disk drive and the media player.

Please note that some external hard disk drives may require more power than a standalone USB port can provide. In such cases please use the AC adapter included with your external hard disk drive.

Direct PC Connection via USB:

The Cyclone MKV 2 is also capable of acting as an external USB storage device.

Plug the power adapter into the Cyclone MKV 2, as your PC may not detect the player if there is insufficient power.

Using a USB cable*, connect one end to the media player and the other into any available USB port.

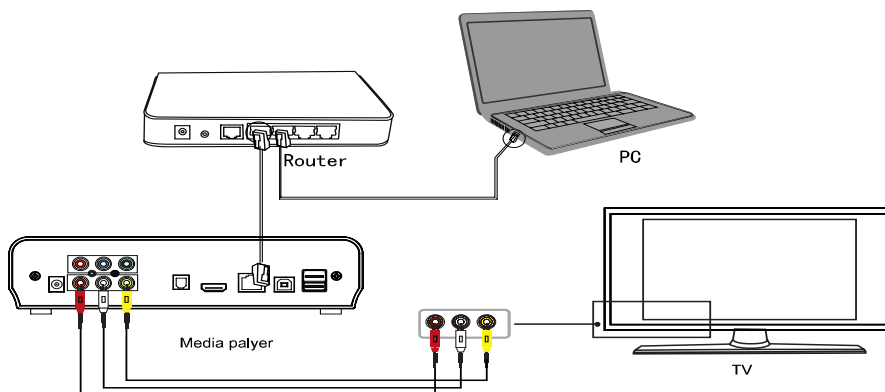
Once connected, it may take a moment for your PC to recognise the player as an external storage device.

* Please note USB cable is not supplied with this product.

Please note a hard disk drive must be installed in the enclosure.

Important Notice: Do not disconnect the power whilst connected to the PC and transferring data, as this may cause serious damage.

Connection and Network Setup:



With UPnP and Samba Client support your Cyclone MKV 2 is able to play media files stored on a PC directly through the local area network via a router.

Connect a RJ45 Ethernet cable* into the Ethernet port. Connect the other end of the cable into your router.

The Cyclone MKV 2 also allows wireless connectivity. To connect to your network wirelessly plug in a compatible Wireless N USB Adapter into an available USB port on the Cyclone MKV 2.

This section should be done once you have setup your video output and the TV is displaying the main menu.

To setup your network select the “setup” icon on the main menu. Alternatively, press the SETUP button on the remote control.

Navigate to the “Network” setup screen. On this screen you will be given the option “Wired LAN Setup” and “Wireless Setup”.



* Please note RJ45 cable is not supplied with this product.

Wired Connection:

If you are connecting your Cyclone MKV 2 via Ethernet cable select “Wired LAN Setup”.

You will be given two options to choose from.



DHCP IP (Auto):

This option is recommended for novice and regular users. Choosing this option will allow your router to automatically assign a dynamic IP address to your Cyclone MKV 2.

Highlight DHCP IP and press OK to select it. You will then be given a choice of options. If the operation is successful then the acquired IP address will be displayed on the screen with other details such as the Subnet Mask and Gateway.

Fixed IP (Manual):

This option is recommended for advanced users, as it requires modifying the Cyclone MKV 2's network settings. This option allows a user to assign the Cyclone MKV 2 a static IP address. The IP Address, Subnet Mask and Gateway all have to be set manually. Please consult the user manual of your router.

Use the buttons and the number keys to input the relevant information into the provided fields.

Once all the details have been entered, press OK to confirm the settings.

If the given IP Address is accepted, a screen will appear displaying the network settings of the Cyclone MKV 2.

Wireless:

The Cyclone MKV 2 is also able to connect to a wireless network via a wireless USB Dongle.

Please note that this functionality requires a wireless USB dongle to be connected to the Cyclone MKV 2.

To connect a wireless dongle to the Cyclone MKV 2, insert it into an available USB port. When the player is switched on the Cyclone MKV 2 will automatically detect the wireless dongle.

If the wireless dongle has been detected, the words “WiFi Plug In” will display on the top left hand side of the screen.

When the wireless dongle has been detected by the Cyclone MKV 2 player, select the “setup” icon on the main menu.

Navigate to the “Network” setup screen and select “Wireless Setup”

On the next screen you will be required to setup a configuration profile.



The Cyclone MKV 2 provides multiple configuration profiles, allowing the player to connect to multiple wireless networks.

For this example we will use the profile labelled “connection 1”.

After you have selected “connection 1,” three options will be given to you, “Infrastructure (AP),” “Peer to Peer (Ad-Hoc)” and “WPS (AP).”

Infrastructure (AP)

This mode allows the Cyclone MKV 2 to join a wireless network. This mode uses a central connection point, usually a router.

Peer to Peer (Ad-Hoc)

This mode allows the Cyclone MKV 2 to directly connect to a wireless device without the need of a router.

WPS (AP)

Wi-Fi Protected Setup. This mode allows the Cyclone MKV 2 to join a wireless network. This mode uses a central connection point, usually a router.

Note: This mode requires a WPS enabled dongle and router.

Select "Infrastructure (AP)", this will cause the Cyclone MKV 2 to perform a scan for wireless networks within its range. Networks that the player has detected will display their network names (SSID) along with their security protocols, such as WEP, WPA and WPA2. The signal strength of each network will also be displayed.

Select the name of your network and press OK.

If your network is protected by a security password, an onscreen keyboard will appear allowing you to enter the required password.

Enter the network security password and press OK.

Once this is done the Cyclone MKV 2 will begin its Connection Testing mode. This mode will attempt to acquire an IP Address and connect you to your network.

Once the player has finished acquiring an IP Address a Test OK screen will appear displaying information such as IP Address, Subnet Mask and Gateway, amongst others.

You have now successfully connected to your local wireless network.

Viewing Multimedia:

The Cyclone MKV 2 is a full featured multimedia player, providing a wide range of functionality.

By using its "Browse" menu you can easily play movies, music and image files that are stored on an external storage device.

Movie Playback:

Playing movies using the Cyclone MKV 2 is very simple.

When you have attached an external storage device that contains movie files, i.e. external hard drive, USB flash drive etc, the MKV 2 may require a few moments to detect all the files.

Using the Cyclone MKV 2 remote control, navigate to “Browse” and press OK to select it. This will take you to the Browse Menu. Once in the Browse menu, use the navigation buttons to select the device type that the movies are stored on.

E.g., if you want to view movies that are stored on an attached USB hard drive, select USB.

Once the device type has been selected, use the navigation buttons on the remote control to navigate to the folder or file the movie is located in.

When you have found the movie you wish to view navigate to it. You will notice that on the right side of the screen a small preview of the movie will play.

To play the highlighted movies press OK on the remote control.

Movie Playback Options:

During movie playback, there are a number of functions to choose from.

Pressing PAUSE/STEP will PAUSE the movie. Pressing PAUSE/STEP repeatedly will play the movie step by step. Pressing PLAY will resume movie playback.

Pressing FF will fast forward movie playback. Pressing it repeatedly will increase playback speeds by X1.5, X2, X4, X8, X16 and X32.

Pressing FR will rewind movie playback. Pressing it repeatedly will increase rewind speed by X1.5, X2, X4, X8, X16 and X32.

Pressing MUTE will switch off sound from movie playback. Pressing it again will switch on sound again.

Pressing the NEXT button twice will play the next file on the list.

Pressing the PREV button twice will play the previous file on the list.

Pressing the REPEAT button will cause the file to repeat playback after it has finished playing. Repeatedly pressing it will cycle through several repeat options.

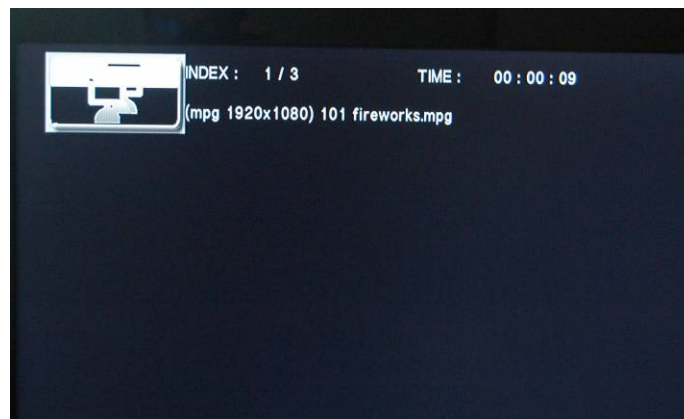
Repeat Title: The file currently playing will replay continuously.
Repeat DIR: All files in the current folder/directory will replay continuously.
Repeat CANCEL: Cancels all repeat operations.



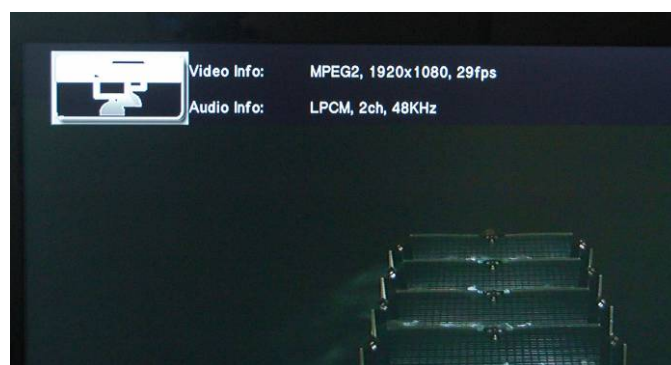
Pressing the ZOOM button will activate zoom mode. Pressing the zoom button repeatedly will change zoom levels to 2X, 3X, 4X and 8X.

Pressing the AUDIO button during playback will allow you to select the audio options.

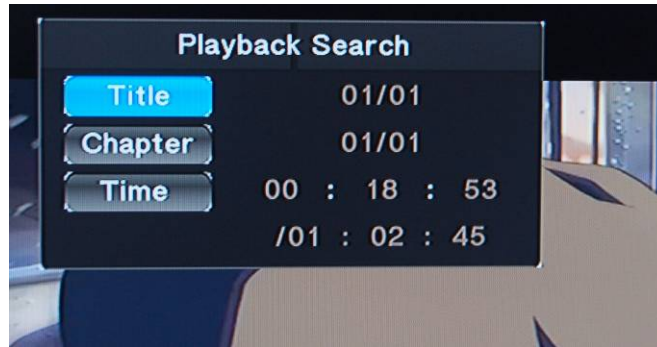
After pressing the INFO button, the following menu will appear.



Pressing the INFO button again, the following menu will appear providing detailed information on the current file playing.

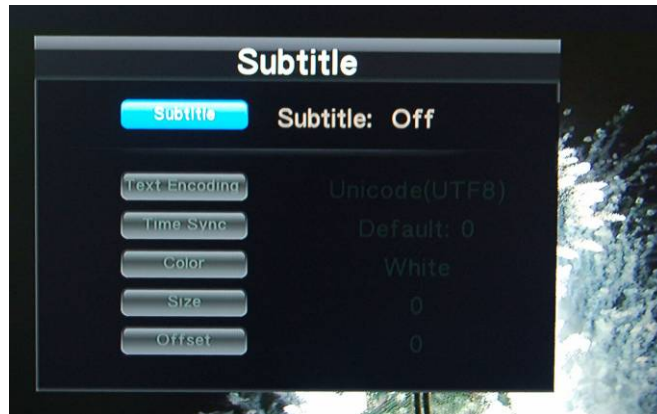


After pressing the GOTO button you will be able to jump to any part of the movie by typing the desired time into the given fields.



To select the desired time select the field and using the navigation buttons, scroll up or down until the correct digit becomes available. The time format is HH:MM:SS

Pressing the SUBTITLE button during playback will activate subtitles in the movie. This function depends on whether subtitles are available to view in the movie.



The Cyclone MKV 2 also support a number of subtitle file formats, including SSA, SMI, SRT, and SUB.

To view these supported subtitle files, put the video file and the subtitle file into the same folder. Press the SUBTITLE button on the remote.

Audio Playback:

Playing audio media using the MKV 2 is very simple. It supports a variety of audio formats including MP3, WMA, AAC and OGG.

Using the Cyclone MKV 2 remote control, navigate to “Browse” and press OK to select it. This will take you to the Browse menu. Once in the Browse menu, use the navigation buttons to select the device type that the audio files are located in.

Once the device type has been selected, use the navigation buttons on the remote control to navigate to the folder the audio file is located in.

When you have located the audio file you wish to play, highlight it. On the right side of the screen you will be given a preview of the audio file's tag information. Tag information depth may vary from file to file, but may include Title, Artist's Information, Album Art, amongst others.

Audio Playback Options:

During playback, there are a number of options to choose from.

Pressing PAUSE/STEP will pause the audio file. Pressing PLAY will resume audio playback.

Pressing the FF button will speed up audio playback. Pressing it repeatedly will increase playback speed up by X1.5, X2, X4, X8, X16 and X32.

Pressing the FR button will rewind audio playback. Pressing it repeatedly will increase rewind speed by X1.5, X2, X4, X8, X16 and X32.

Pressing the MUTE button will switch off sound from audio playback. Pressing it again will switch on sound again.

Pressing NEXT will jump to the next page on the list

Pressing the PREV button will jump to the previous page on the list.

Pressing the REPEAT button will cause the file to repeat playback after it has finished playing. Pressing it repeatedly will cycle through several repeat options.

Repeat 1:	The file currently playing will repeat continuously.
Repeat ALL:	All files in the current folder/directory will replay continuously.
Repeat Off:	Cancels all repeat operations.



Image Playback:

Playing image files using the Cyclone MKV 2 is very simple and supports a variety of image formats.

Using the Cyclone MKV 2 remote control, navigate to the "Browse" and press OK to select it. This will take you to the Browse menu. Once in the Browse menu, use the navigation buttons to select the device type that the images are stored in.

Once the device type has been selected, use the navigation buttons on the remote control to navigate to the folder that the images are located in.

When you have located the image file you wish to view, highlight it. You will notice on the right of the screen a small preview of the image will display.

To view the highlighted image in full screen press OK on the remote control.

Please note that it may take a moment to display an image depending on its size.

Image Playback Options:

During image playback, there are a number of options to choose from.

Pressing the NEXT button will play the next file on the list.

Pressing the PREV button to play the previous file on the list.

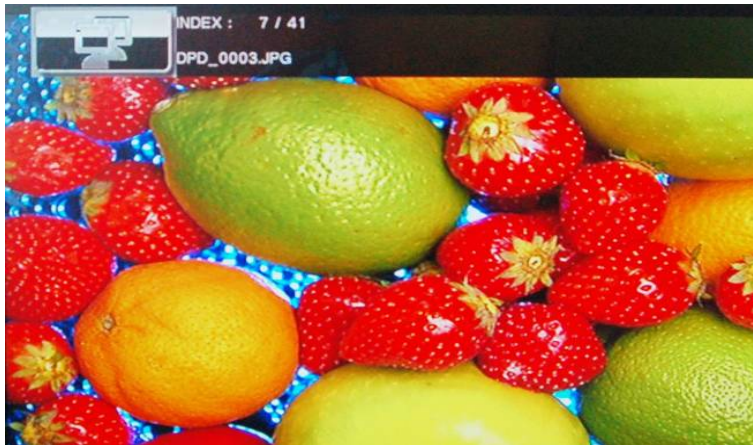
Pressing the NAVIGATION buttons on the remote control allows you to rotate image files.

LEFT Button Rotate the image 90 degrees anti-clockwise.

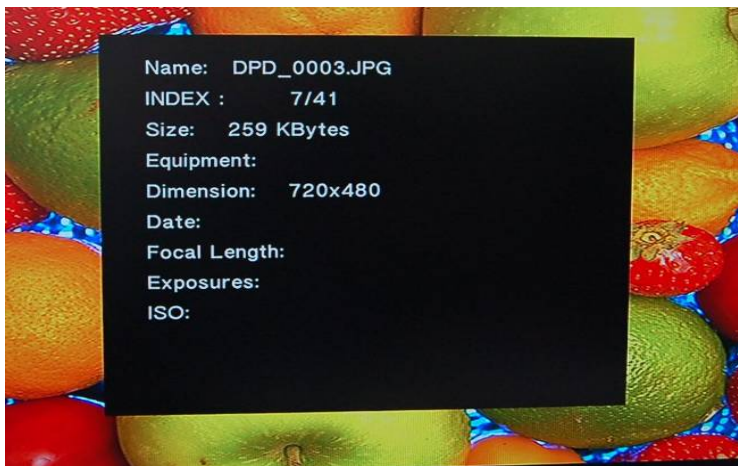
RIGHT Button Rotate the image 90 degrees clockwise.

Pressing the ZOOM button will activate zoom mode. Pressing the zoom button repeatedly will change image zoom levels to 2X, 4X, 8X and X16.

Pressing the INFO button will cause the following menu will appear.



After pressing the INFO button again, the following menu will appear providing detailed information on the current file playing.



Slideshow Viewing with Background Music:

The Cyclone MKV 2 has the capability to play music in the background whilst displaying a slideshow.

Folder Play: This method requires all the image and music files to be put into one folder.

Once all the files are in the same folder, navigate to the folder, enter it and press OK on the first file.

This will initiate slideshow playback.

File Copy:

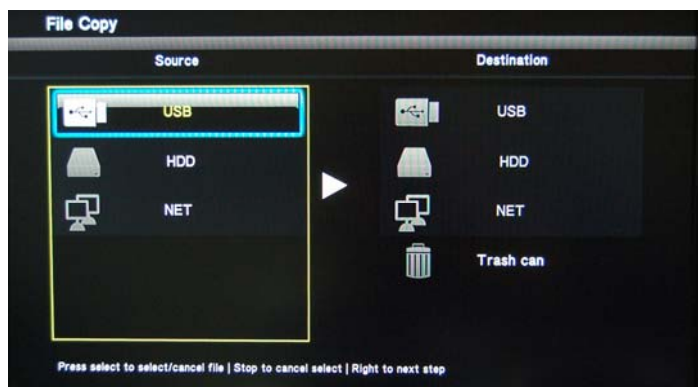
The Cyclone MKV 2 comes equipped with file copy, move and delete functions.

Copy / Move:

The file copy function allows you to copy files between USB devices, HDD and storage devices connected via wired LAN.



From the main menu select Copy File to enter the file management menu.



This will bring up the Copy interface. You will notice that the interface is split into two columns. The column on the left side of the screen indicates where the file is located and is labelled Source. The column on the right side of the screen indicates the destination where the file will be copied to. This column is labelled Destination.

To copy / move a file from one device to another, the source of the file must be select first. This can be done by using the NAVIGATION buttons.

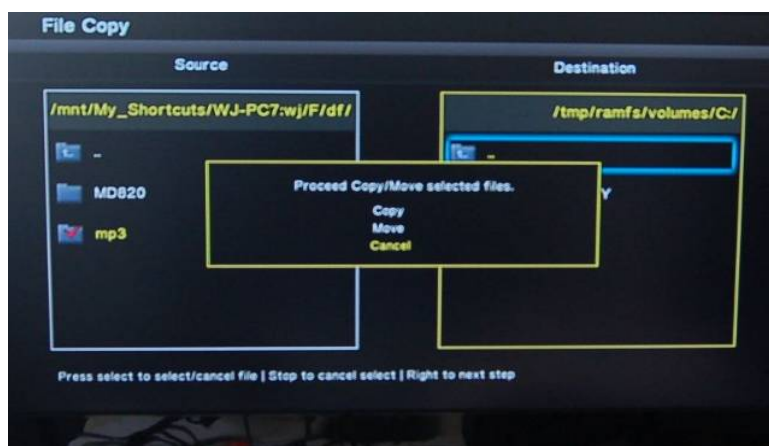
In the source column navigate to the file you wish to copy. To select the file you wish to copy / move, use the NAVIGATION buttons on the remote control to navigate to the file. Depending on how the directory has been structured,

you may have to navigate through multiple folders to access the file you want to copy / move.

Press the SELECT button on the remote control. You will notice that a small tick icon will now be displayed next to the file. This indicates that the file has been selected for copying / moving.

You can also select multiple files or whole folders.

Once the files have been selected, press the RIGHT button to jump to the Destination column. Navigate to the desired directory you wish to copy / move the files to and press the RIGHT button. This will cause the Cyclone MKV 2 to begin copying / moving the files over.



Please note that there are instructions at the bottom of the screen to help you.

Configuring File Sharing with Windows XP:

File sharing over a network lets you access media files or folders on your PC, from your Cyclone MKV 2.

To allow your Cyclone MKV 2 to access multimedia file over a network, there are two prerequisites.

Folder Sharing and Security Settings.

Ensure that the Cyclone MKV 2 and the PC are configured to use the same Gateway and Subnet Mask.

Navigate to the folder you wish to share over the network and select it, do not enter the folder.

Right click on the folder, and a small menu will appear near the mouse pointer. Select “sharing and Security” from this menu.

A properties box will now appear. In this box click on the tab labelled “Sharing”.

Once in the Sharing tab there are two radio buttons labelled “Do not share this folder” and “Share this folder”.

Select the “Share this folder” radio button to enable other computers to access media files from it.

You may also want to set permissions for the folder. This will allow or prevent users from making changes to the media files.

To set permissions, click on the “Permissions” button. This will bring up the Permissions window.

In this window will be displayed the permissions, Full Control, Change and Read.

Full Control: Gives the user full control of the folders content. It is highly advised not to allow this option.

Change: This option allows a user to modify the contents of the shared folder.

Read: This option allows a user to access the media files only.

Tick the appropriate tick boxes best suited for your requirements.

When you have finished, click on “Apply” and then “OK”. This will take you back to the previous window.

When done click “Apply” and then “OK” to confirm the settings.

Media files should now be accessible through the Cyclone MKV 2.

Important Notice: Sharing files over a network may lead to severe security issues because it gives other users access to your computer.

Configuring File Sharing with Windows Vista:

File sharing over a network lets you access media files or folders on your PC, from your Cyclone MKV 2.

Navigate to the folder you wish to share over the network and select it, do not enter the folder.

Right click on the folder, and a small menu will appear near the mouse pointer. Select “Properties” from this menu.

A properties box will now appear. In this box click on the tab labelled “Sharing”.

Once in the sharing tab click on the “Advanced Sharing” button. This should bring up the Advanced Sharing window.

In this window, please ensure that the tick box for “Share this folder” has been ticked. This will enable other computers to access media files from it.

You may also want to set permissions for the folder. This will allow or prevent users from making changes to the media files.

To set permissions, click on the “Permissions” button. This will bring up the Permissions window.

In this window will be displayed the permissions, Full Control, Change and Read.

Full Control: Gives the user full control of the folders content. It is highly advised not to allow this option.

Change: This option allows a user to modify the contents of the shared folder.

Read: This option allows a user to access the media files only.

Tick the appropriate tick boxes best suited for your requirements.

When you have finished, click on “Apply” and then “OK”. This will take you back to the previous window.

When done click “Apply” and “OK” to confirm the settings.

Important Notice: Sharing files over a network may lead to severe security issues because it gives other users access to your computer.

UPnP:

UPnP functionality included in the Cyclone MKV 2 enables it to connect with other UPnP enabled devices to stream media over a network.

Before using the UPnP functionality of the Cyclone MKV 2, your PC will need to be UPnP enabled.

There are a variety of free applications that you can download, which will allow you to share your media over a network. Two of the most popular ones are TVersity and TVMOBiLi, but there are many others.

Install an UPnP application onto your PC, such as one of the examples given above. Please consult the user manual provided with your chosen application for installation instructions.

When the application is installed on your PC please ensure that both, it and the Cyclone MKV 2 are connected to your network.

On the Cyclone MKV 2, navigate to and enter the Browser menu. Once in the Browser menu navigate to UPnP and press OK.

All the devices that are connected to the network and have UPnP enabled will be displayed here.

To access media files from UPnP enabled devices, select the device the media is located.

Once in the device navigate to the media file you wish to view and press OK on the remote control.

This will activate the media player’s streaming. Depending on your network, the Cyclone MKV 2 may take a moment to begin streaming media.

Playlist

The playlist function of the Cyclone MKV 2 allows you to create playlists using files stored on the player’s internal hard disk drive.

Playlist Creation:

To create a playlist, first enter the “Browser” interface.

Once on the Browser interface, navigate to the directory where your media files are stored.

Select the media files you wish to add to the playlist by pressing on the SELECT button on the remote control.

Once the files have been selected a red tick will be displayed next to the files.

To add the selected files into the playlist press on the CONFIRM button on the remote control.

The selected file will now be added to the playlist.

Playlist Media Playback:

Navigate from the Main menu to the playlist interface.

Once in the playlist interface select the file to begin playlist playback.

Removing Files from Playlist:

To remove media files from the playlist, navigate to the playlist.

Navigate to the file you wish to remove and press SELECT on the remote control. Once selected a red tick will display next to the file.

Press on the CONFIRM button on the remote control.

This will remove the selected file from the playlist.

Notice: Only documents in the player’s hard disk can be added to the playlist. Documents in other peripherals cannot be added.

Important Notice: If the hard disk drive is partitioned, please ensure that the first partition is set as the primary partition. If the first partition is an extended partition, this function may not work.

Network Media Access:

When the Cyclone MKV 2 is connected to a network it has the ability to stream multimedia content from it.

To access media from the network, navigate to the browser menu. Once in the browser menu, a list of possible media locations will be displayed. Select NET from the list to go to the Net menu.

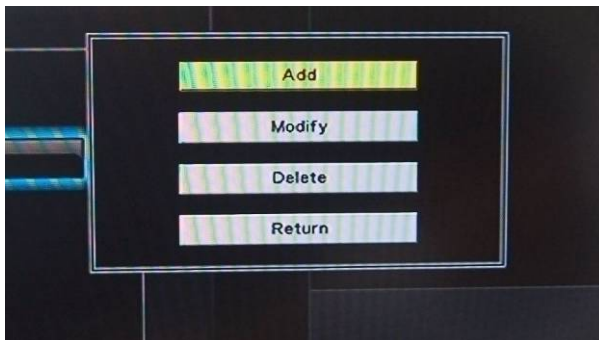
On this menu will be displayed a list of folders, depending on whether there are sharable open or working groups available.

Also listed will be two folders labelled “My Shortcuts” and “My Neighbours”.

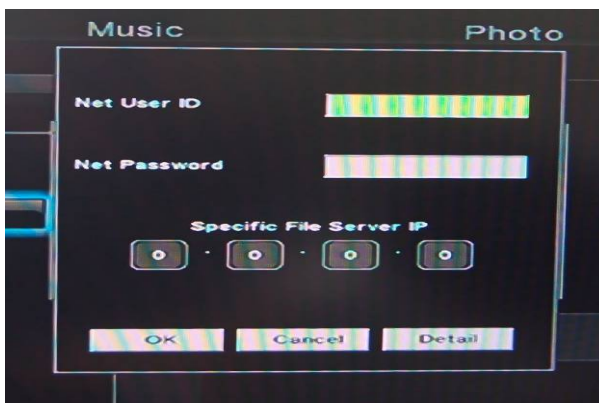
My Shortcuts: This feature allows a user to add links to their favourite network locations.

To add links to your favourite network locations, select and enter “My Shortcuts”.

Press the OPTION button on the remote control to enter the setup interface.



Select “Add” to create a new link for computers that have enabled network share.



Enter the User ID and password of the appointed folder, and select YES to complete the setup.

My Neighbours: Gives access to all network shared folders.

To access network shared folders, select and enter “My Neighbours”

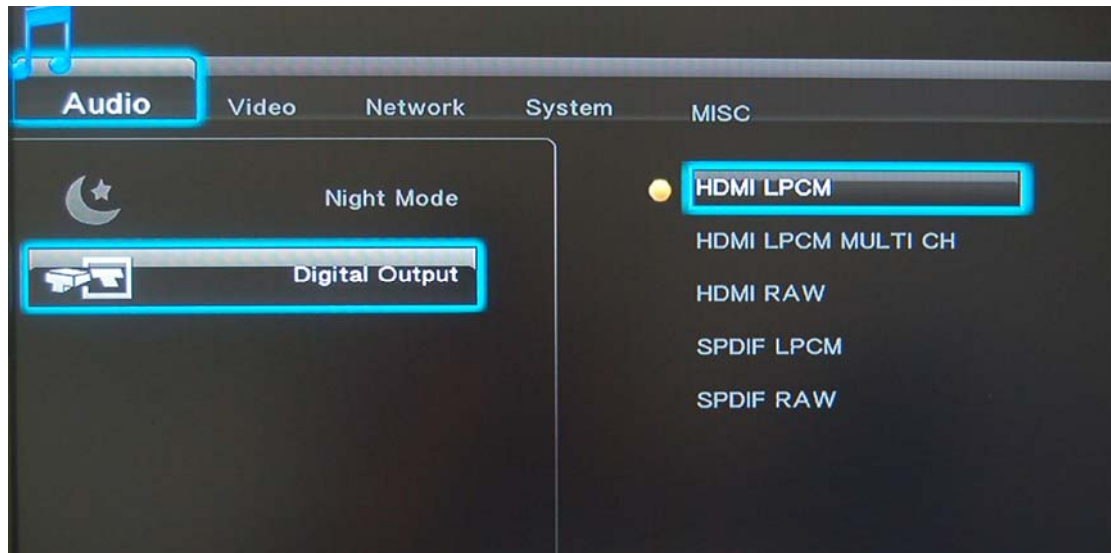
Navigate to the location where the desired media is and press OK.

Depending on whether the folder is password protected, you may be required to enter a User ID and password.

Settings:

Audio Settings Menu:

This menu provides access to the media player's audio configuration settings.



Night Mode:

This function affects the overall dynamic capability and SPL (sound pressure level).

This function can be activated or deactivated by selecting ON or OFF.

Digital Output:

Allows you to select between HDMI LPCM , HDMI LPCM MULTI CH , HDMI RAW , SPDIF LPCM and SPDIF RAW options.

To select a Digital output, use the NAVIGATION buttons.

Video Settings Menu:

This menu provides access to the media player's video configuration settings.



Aspect Ratio:

Allows you to select different aspect ratios.

To adjust the display aspect ratio, use the NAVIGATION buttons to select one of the following.

Pan Scan 4:3 Select this option when connected to a standard TV.
Crops a widescreen image to 4:3
(May result in the edges of an image being cut off).

Letter Box 4:3 Select this option when connected to a standard TV.
Playback of widescreen formats will have black bars
above and below the image.

16:9 Select this option when connected to a 16:9 TV.

16:10 Select this option when connected to a 16:10 TV.

Zoom Out:

This feature will activate or deactivate the Cyclone MKV 2's zooming out feature.

This feature can be activated or deactivated by selecting ON or OFF.

Brightness:

This function allows a user to adjust the video output brightness levels.

To adjust the brightness levels use the NAVIGATION buttons to select the desired level.

Contrast:

This function allows a user to adjust the video output contrast levels.

To adjust contrast levels use the NAVIGATION buttons to select the desired level.

Hue:

This function allows a user to adjust video output hue levels.

To adjust hue levels use the NAVIGATION buttons to select the desired level.

Saturation:

This function allows a user to adjust video output saturation levels.

To adjust saturation levels use the NAVIGATION buttons to select the desired level.

Digital Noise Reduction:

This feature helps reduce the amount of image noise that may occur during video playback. However results may vary depending on the video file.

This function can be activated or deactivated by selecting ON or OFF.

Video System:

This function allows you to select the TV system or screen resolution.

To select different TV systems and resolutions, use the NAVIGATION buttons.

HDMI Auto Select this option when connected to a TV via HDMI cable. When this option is selected, the MKV 2 will automatically select the correct display resolution for your TV.

NTSC Select this option when connected to a standard analogue TV system. For America and Pacific countries.

PAL Select this option when connected to a standard analogue TV system. For European countries.

480p Select this option for an output resolution of 710.85 x 486.

576p 50Hz Select this option for an output resolution of 720 x 576.

720p 50Hz Select this option for an output resolution of 1080 x 720 with a frame rate of 50 hertz.

720p 60Hz Select this option for an output resolution of 1080 x 720 with a frame rate of 60 hertz.

1080i 50Hz Select this option for an output resolution of 1920 x 1080 with a frame rate of 50 hertz. This option uses interlaced scanning.

1080i 60Hz Select this option for an output resolution of 1920 x 1080 with a frame rate of 60 hertz. This option uses interlaced scanning.

1080p 50Hz Select this option for an output resolution of 1920 x 1080 with a frame rate of 50 hertz. This option uses progressive scanning.

1080p 60Hz Select this option for an output resolution of 1920 x 1080 with a frame rate of 60 hertz. This option uses progressive scanning.

1080p 24Hz:

Most movies that are produced on film, rather than on video, are traditionally captured at a frame rate of 24 frames per second.

This feature allows the Cyclone MKV 2 to display movies in their native 24 fps form.

The Cyclone MKV 2 must be connected to a HD TV that is capable of accepting a 1080p 24Hz signal, for this feature to function.

To activate or deactivate this feature select ON or OFF.

Network Settings Menu:

This menu provides access to the media player's network configuration settings.



Wired LAN Setup:

This allows the user to setup the Cyclone MKV 2's wired network configurations.

Wireless Setup:

This allows the user to setup the Cyclone MKV 2's wireless network configurations.

System Settings Menu:

This menu provides access to the media player's system configuration settings.



Menu Language:

This function allows you to select the on screen display language.

To change the on screen display language, use the NAVIGATION buttons to select the desired language.

Text Encoding:

This function allows you to select the Text Encoding languages for subtitles.

To adjust the text encoding, use the NAVIGATION buttons to select the desired one.

Login Control:

This function allows you to set permissions on the BitTorrent management interface.

This feature can be activated or deactivated by selecting ON or OFF.

BT and SAMBA:

This function allows you to start or stop BitTorrent and Samba services.

BitTorrent and Samba services can be activated or deactivated by selecting ON or OFF.

System Update:

This function shows the software/firmware version currently installed on the player and allows a user to update the Cyclone MKV 2's firmware.

HDD Format

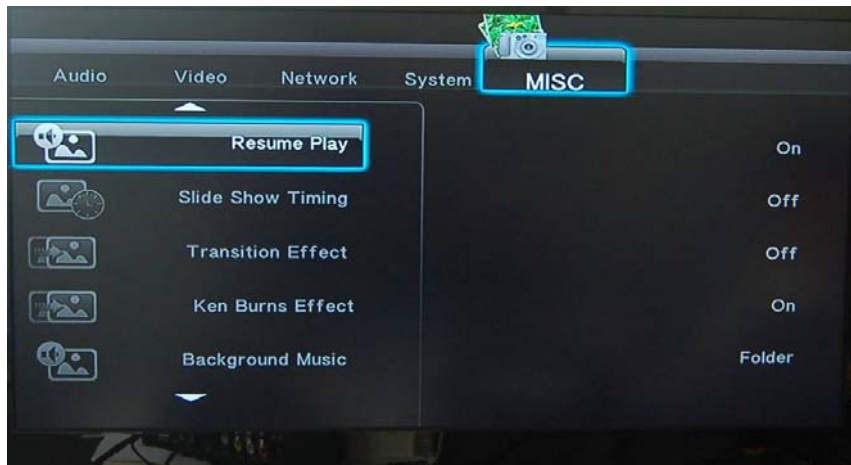
This function allows you to format the HDD.

Restore Default:

This function allows you to restore the Cyclone MKV 2 to its original default factory settings.

MISC Settings Menu:

This menu provides access to the media player's miscellaneous configuration settings.



Resume Play:

When this function is activated, the Cyclone MKV 2 will record the last location where the movie was stopped. When the movie is played again it will ask whether you wish to continue from where the movie was stopped.

This function can be activated and deactivated by selecting ON or OFF.

Slide Show Timing:

This option allows you to select the time duration of an image before it goes to the next image in the list.

To adjust the timing, use the NAVIGATION buttons to select the desired time duration.

Transition Effect:

The transition effect is a visual effect that determines how images display in a slideshow.

Ken Burns Effect:

The Ken Burns effect is a special effect that causes the image to zoom in and out whilst being viewed.

This special effect can be activated and deactivated by selecting ON or OFF.

Background Music:

The background music function allows you to play background music whilst in slide show mode.

To activate this function select ON. To deactivate it select OFF.

Screensaver:

This gives you the option to switch on or off the Cyclone MKV 2's screensaver.

If the screensaver is switched on, the player will start the screen saver after five minutes of inactivity.

Movie Preview:

When activated, this function will display a small preview of the movie on the right hand side of the screen.

This option allows you to switch on or off the movie preview screen function.

BitTorrent/Samba Installation:

Important Notice: If this function has not been installed previously, it is advised to install it first.

Install BitTorrent/Samba is simple,you just have to format the HDD. After the HDD have formated complete, the BitTorrent/Samba have been installed complete also.

How to format the HDD you can jump to the chapter of **Formatting a Hard Disk Drive**.

Please connect the MKV 2 enclosure to your network if you have not already done so.

Important Notice: It is illegal to download copyrighted material without the expressed consent of the owner.

Notice: P2P type file sharing can cause you to accidently download viruses and other malware. Use at your own risk.

Neighbour Web Interface:

The Cyclone MKV 2 allows you access to its BitTorrent services through its integrated web server.

To access the web server, type in the IP address that is assigned to your Cyclone MKV 2, into the browser of your choice.

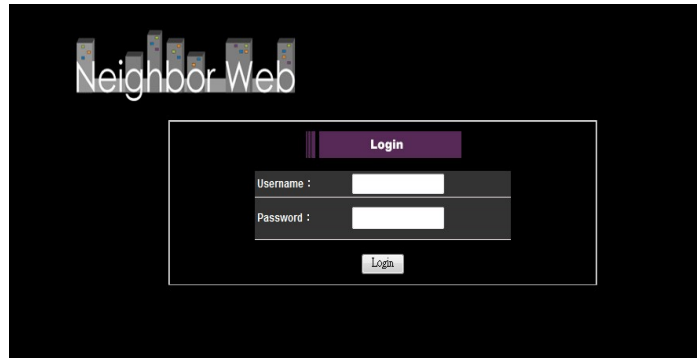
To find your IP address, select "Setup" from the main menu and go to the network tab.

Depending on whether login controls have been set to on or off, a login screen will appear.

The default username and password are as follows;

Username:	admin
Password	123

Note: User names and passwords are case sensitive. It is advised to change your password as soon as possible. It is advised to choose a strong password. A strong password should be at least eight characters in length and contain a combination of both alphabetical and numerical characters. It should also consist of both uppercase and lowercase characters.



Once successfully logged into the web service, the Neighbour Web home page will display.

This page will display information regarding the Cyclone MKV 2's BitTorrent and System status. Also displayed is the available space on the HDD.



BitTorrent Download:

This section of Neighbour Web provides access to the BitTorrent service interface. It gives an overview of the activity of the torrent downloads as well as details of individual downloads.

To return to the Neighbour Web home page, click on “Home,” located in the top right of the screen.

- Start Clicking on this button will start a newly acquired torrent file. It will also restart a previously stopped torrent download.
- Stop Clicking on this button will stop the selected torrent download.
- X Torrent Clicking on this button will permanently delete the selected torrent download.

- Refresh** Clicking on this button will refresh the current page.
- Down** Clicking on this button will move the selected torrent download down the list and lower its priority.
- Up** Clicking on this button will move the selected torrent download up the list and give it greater priority.
- Settings** Clicking on this button will give access to the BitTorrent settings page.
- Add New Torrent** Clicking on this button will add a new torrent file for download.

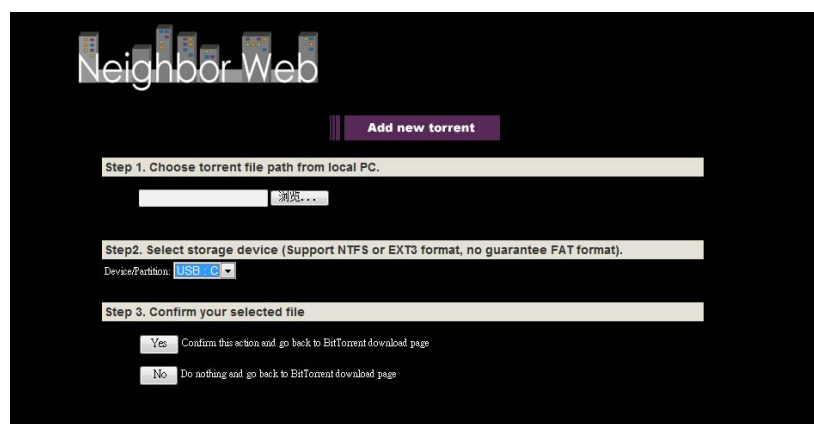


Adding a New Torrent:

To add a new torrent to the download list, click on the “Add new torrent” button.

This will load the ‘Add new torrent’ page.

Select ‘Add new torrent’ into add new torrent file page.





- Save Setting** Clicking on this button will save any changes that have been made and return the user back to the BitTorrent page.
- Return** Clicking on this button will return the user to the BitTorrent download page without saving any changes made.
- Default** Clicking on this button will revert back to the default settings.

The page is organised into three sections labelled, Rate, Seed Setting and Simultaneous Setting.

Rate:

- Max Download Rate** This sets the maximum download speed that downloads can reach.
0 = no maximum limit.
Default setting for this field is 0.
- Max Upload Rate** This sets the maximum upload speed that downloads can reach.
0 = no maximum limit.
Default setting for this field is 20.
- Idle Setting** This sets the number of idle hours required before the player automatically starts the next priority download.

Seed Setting:

- Seeding Time** This sets the amount of time you wish to upload the file once it is completed.
Setting this to 0 disables file uploading.
Default setting for this field is 24 hours
- Auto Delete Torrent** This setting configures whether the initial torrent file (.torrent) is deleted once the download has been completed.

Default setting for this field is NO.

Note: If this setting is set to “YES,” only the initial .torrent file is deleted. The actual downloaded file itself will still be stored in the player.

Simultaneous Settings:

Max Simultaneous Downloads This setting configures the number of downloads that can be run simultaneously. Default setting for this field is 4.

Click on the “Save Setting” button to save any changes made and return to the BitTorrent Download page.

Clicking on the “Return” button will return you to the BitTorrent download page.

Visit Neighbour:

The visit neighbour page allows you to access files from the player’s local HDD.

Upon entering the visit neighbour page, depending on whether login controls are activated you will be asked to enter a username and password.

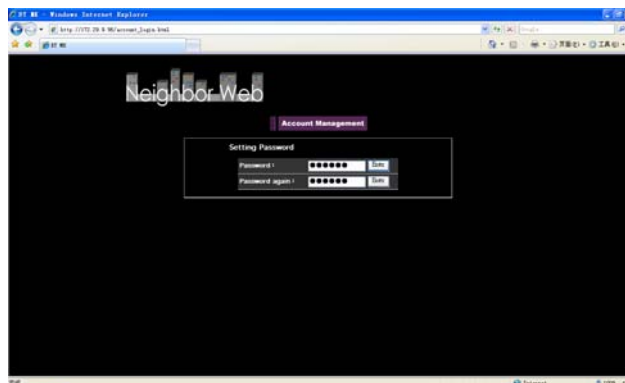
Account Management:

This section allows you to change the login password.

The default username and password are as follows;

Username	admin
Password	123

To change your login password, enter your new password into the “Password” and “Password Again” fields.



Press enter and a confirmation box informing you that the password change has been successful will appear.

Click on “OK” to return to the Neighbour Web home page.

Note: Usernames and passwords are case sensitive.

Note: It is advised to choose a strong password to protect against unauthorised access. A strong password should be at least eight characters in length and contain a combination of both alphabetical and numerical characters. It should also insist of both uppercase and lowercase characters.

Firmware Upgrade:

We may periodically release new firmware updates to improve the Cyclone MKV 2's functionality, add new features or fix any reported bugs that may have been missed during testing.

Caution: Please do not turn off the power when upgrading the firmware.

The latest firmware updates can be found at <http://www.sumvision.com.cn>

To update the Cyclone MKV 2's firmware download the firmware update from the Sumvision website.

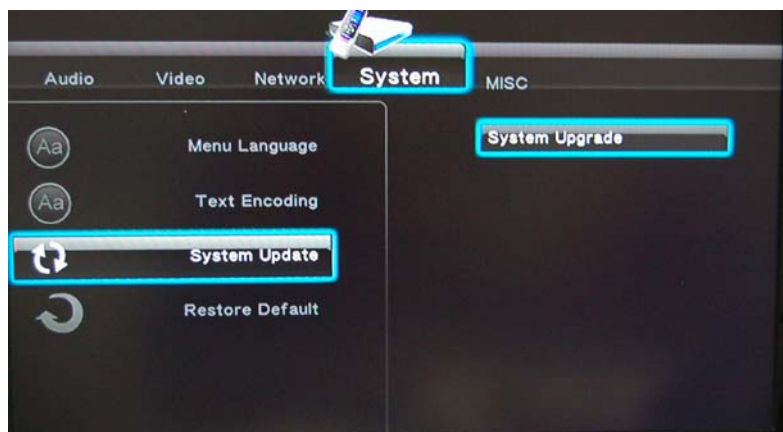
Please note that firmware update files for the Cyclone MKV 2 are usually compressed into a RAR archive file.

Extract the files from the archive.

Transfer all the extracted files to an empty USB pen drive. It is advised to transfer the files into the USB pen drive's root directory and not in a folder as this may cause the player to not detect the update.

Insert the pen drive containing the update into the Cyclone MKV 2.

Switch on the Cyclone MKV 2 and from the main menu, select setup to navigate to the "System" setup menu.



From this menu select System Update. Once on the System update screen select System Upgrade by pressing OK on the remote control.

The Cyclone MKV 2 will now begin upgrading the firmware. You will notice the player reboot and display the firmware upgrading animation. Do not turn off the power until the upgrade has been completed.

Important Notice: It is advised to backup all important data before performing a system upgrade.

Formatting a Hard Disk Drive:

If you have installed a hard disk drive into the Cyclone MKV 2 enclosure, you may be required to format it.

Using the remote control, navigate to the setup menu. Alternatively, press the setup button on the remote control.

Once in the setup menu, navigate to the system tab and select "HDD Format."

On the right side of the screen will appear the option HDD 1. Select this and press "OK."

A Warning notice will appear informing you that all data stored inside the HDD will be erased.

To proceed select OK, otherwise select Cancel to exist.

When you have selected OK a format screen will appear.

On this screen select "Format" if you wish to proceed. Select "Back" to cancel the procedure.

Once you have selected "Format," an animation will display indicating that the HDD is being formatted. This may take a few moments depending on the hard disk drive.

Do not turn off the power until the formatting has been completed.

Important Notice: Please note that this process will erase any files on the HDD. It is advised to backup all important data before performing a system format.

Troubleshooting:

No display or sound output to TV:

This problem may have several causes.

Please check that you have selected the correct AV channel on your TV that is assigned with the input port.

For example, if you have connected the device to the TV through the ports labelled AV3, select Channel AV3.

If you have determined that the device has been connected correctly, it may be set to the incorrect video output mode. To select a different video output

mode, press the “TV System” button on the Cyclone remote control. Wait a few moments for your TV and media player to implement the changes.

Repeat this procedure until video output is correctly displaying on the TV.

The display output is in black and white:

This is a common problem in which your TV maybe set to a different encoding system to your media player and is not a serious issue.

To solve this issue go to the setup menu and navigate to “Video.” Scroll down to “Video System” and select the appropriate encoding system.

For example; if your TV runs on PAL then select the PAL option. Like wise, if your TV is running on NTSC then select the NTSC option

Media files are only partially listed in the browser:

The media filter function may be active. When the media filter is active only the media files types that correspond to the active media filter are displayed.

For example; if you select the media filter “Music”, then only audio media files will be displayed. No image or movies files will be displayed.

If you want to view all supported media files, select the “ALL” media filter.

Screen goes blank during a firmware update:

On rare occasions, the display via HDMI is incorrect during a firmware update.

Please ensure that the device is also connected to your TV via the supplied composite cable during the firmware update. When the screen goes blank, select the composite connection as the active input on your TV.

Unable to copy files onto an external storage device:

To use the copy function of your media player, the device, or partition that you want to copy the data onto must be formatted with one of the following file systems: FAT, FAT32, NTFS or EXT3.

Please use only targets formatted with FAT, FAT32, NTFS or EXT3 for copying onto. Otherwise you will receive an error message.

The player no longer responds:

If the Cyclone MKV 2 no longer responds to the remote control, the batteries may be dead. Please replace them with new ones.

Obstruction of the infrared's field of vision may also cause unresponsiveness in the player. Please remove all potential obstructions between the player and remote control

Please clean the infrared receiver.

No audio output:

Please check that the volume for your TV, home entertainment system and Cyclone has not been set too low. Also check that the sound has not been switch off via the mute button.

The audio digital output may also be incorrectly configured.

If you have connected the media player via HDMI cable, please ensure that HDMI RAW, LPCM Dual Channel or LPCM Multi-Channel output is selected.

If you have connected the media player via optical cable, please ensure that SPDIF RAW or LCMP Dual Channel output is selected.

The player has failed during Firmware upgrade:

To recover the Cyclone MKV 2 from a firmware upgrade failure, power off the player and disconnect the power cable.

Insert a USB pen drive containing the firmware. Please note that only the firmware update files should be on the pen drive.

Connect the power cable back into the Cyclone MKV 2 and switch it on. This should cause the player to attempt to reinstall the software.

Receiving Generic Volume cannot be stopped message:

This is usually caused when the USB device is still being accessed. To resolve this, close all programs that may be accessing data from the player and try the safety remove icon again.

Alternatively, close all programs and wait for approximately 30 seconds. This should give the operating system enough time to stop all processes accessing data from the player. Click on the safety remove icon.

If the issue persists, switch off the player and disconnect the USB cable from the computer.

Product Specifications:

TV System Compatibility:	PAL, NTSC, Auto
Video Codec Support:	H.264, MKV, RM/RMVB, WMV9, MPEG 1/2/4, Xvid, HD DivX, FLV
Video Container Support:	MKV, TS, M2TS, TP, TRP, WMV, IFO, ISO, VOB, DAT, AVI, MPG, MOV, RM, RMVB, DIVX, XVID, FLV
Video Resolution:	H.264, MKV, RM/RMVB, WMV9, TS and HD DivX supports up to 1920 x 1080p @ 30fps
Audio Support:	MP3, WMA, WAV, AAC, OGG, Dolby Digital
Video Output:	Composite Video, Component Video, HDMI
Audio Output:	Stereo, Digital HDMI, Optical SPDIF
Image Support:	JPEG, JPG, BMP, PNG, GIF
Subtitle Support:	SSA, SMI, SRT, SUB, SUB + IDX
Network Connections:	RJ45 10/100M, IEEE 802.11 b/g/n
HDD:	3.5" SATA HDD
External Storage Support:	external HDD, USB pen drives, portable, via USB Host
Language Support:	English, French, German, Traditional Chinese, Simplified Chinese, Spanish, Italian, Dutch, Russian
Power Input:	Universal AC 100 ~ 240V 50/60Hz
Power:	DC 12V, 2A

Media Codec Information:

Video Support:

Codec	Format	Resolution
MPEG-1	DAT	320 x 240
	MPG	720 x 576
MPEG-2	VOB	720 x 576
	MPG	1920 x 1080p
	TS	1920 x 1080p
	M2TS	1920 x 1080p
	TP	1920 x 1080p
	TRP	1920 x 1080p
MPEG-4, DivX, Xvid	AVI	1920 x 1080p
	MKV	1920 x 1080p
VC-1	WMV	1920 x 1080p
H.264	AVI	1920 x 1080p
	MOV	1920 x 1080p
	MKV	1920 x 1080p
RM / RMVB	RM / RMVB	1920 x 1080p

Audio Support:

MP3	Supported
WMA	Supported
WAV	Supported
AAC	Supported
OGG	Supported
Dolby Digital	Supported

Image Support:

JPG / JPEG	Supported
BMP	Supported
PNG	Supported
GIF	Supports static images only


Please note that features and specifications are subject to change without notice.

Maintenance Notice:

To protect the normal use of all accessories, please make sure you understand and pay attention to the following points.

- Only use power adapters with power input AC100 ~ 240V, output DC 12V/2A. Using power adapters of any other specification may result in the device being damaged beyond repair.
- Under normal working conditions, the power adapter will be warm. Please keep the Cyclone MKV 2 and its power adapter in a well ventilated area.
- Do not place the device on the bed, sofa or similar surface as this may inhibit the device's ventilation.
- Do not attempt to repair the device yourself or disassemble it. Even when the device is unplugged from the mains power, it may still hold enough charge to cause serious harm.
- If the power cord is broken or has become stripped of its protective layer, it is highly advised to switch off the device and remove the power cord immediately.
- If the device has come into contact with any liquid, it is highly advised to switch off the device immediately and remove the power cord from the mains power.
- Do not place any foreign object on top of the device as this may cause interference with the Cyclone MKV 2.

FCC	CAUTION: Changes or modifications not expressly approved by the part responsible for the compliance could void the user's authority to operate the equipment.
Class B	<p>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 of the following measures:</p> <ul style="list-style-type: none"> - Reorient or relocate the receiving antenna. - Increase the separation between the equipment and the 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.

	<p>This marking shown on the product, accessories or literature, indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life.</p> <p>To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of wastes and recycle them responsibly to promote the sustainable reuse of material resources.</p> <p>Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.</p> <p>Business users should contact their supplier and check the terms and conditions of the purchase contract.</p> <p>This product should not be mixed with other commercial wastes for disposal.</p>
---	---

All rights reserved.

All other brand names or trademarks are the properties of their respective owners.