Mvix Ultio Pro

User Guide

Solutions for the HD Planet

Mvix UltioPro

User Guide

Federal Communication Commission Interference Statement

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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Country Code Statement

For product available in the USA/Canada market, only channel 1~11 can be operated. Other channel Selections are not possible.

To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that do not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Federal Communication Commission (FCC) Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C. This equipment should be installed and operated with minimum distance 2.5cm between the radiator & your body.

CE Statement:

This device is in compliance with the essential requirement and other relevant provisions of the R&TTE Driective 1999/5/EC.

Safety Precautions

Do's

1. Unplug the player during lightning storms or when unused for long periods of time.
2. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. The wide blade is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
3. Protect the power cord from being walked on or pinched, particularly at plugs, or at the point where they exit from the player.
4. Read all safety information carefully.
5. Read and follow all instructions in this user manual.
6. Clean the unit with a soft, dry cloth
7. Visit mvixusa.com for additional product information & for troubleshooting.

Don't s

1. Don't expose your MVIX unit to heat sources or high temperatures.
2. Don't expose your MVIX unit to water, oil, dust or magnetic materials.
3. Don't block the vents. Free airflow should be maintained around the unit.
4. Don't attempt disassembling or remodeling the unit.
5. Don't drop the MVIX unit. This might cause irreversible damage to the unit and the hard drive.
6. Do not touch the power plug with wet hands or use defective power cables & electric outlets. Doing so might result in electric shock or fire. Only use attachments / accessories specified by the manufacturer.
7. Do not mix batteries (old and new or carbon and alkaline, etc.) in your remote. Remove batteries when the unit is not used for a long time.
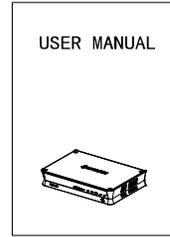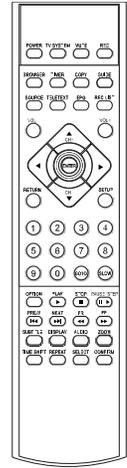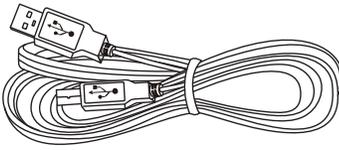
Inside the Box
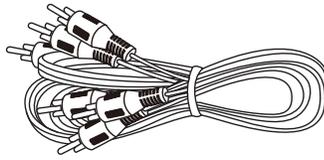

Media palyer
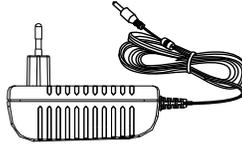
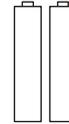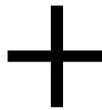
Power adapter

User manual

Remote control

USB cable

AV cable(Red,Yellow,White) 2pcs

Screws

Batteries

+

Bonus: 6ft HDMI ver 1.3 Cable

Contents

Contents

Introduction

Mvix Ultio Pro is a Hard-Disk Based media player capable of HD digital media playback with video output as high as 1080p. Its high-end video processing (playback of H.264 / MKV formats), allows you to enjoy Blu-Ray quality video. Store your entire Hi-Definition media on its internal hard drive, plug it into your TV via a HDMI or Component Cable and enjoy all your movies, digital music and family photos on large LCD or Plasma. The flexibility and scalability of Ultio Pro makes it the easy to play HD movies or home videos, listen to digital music or enjoy a themed slideshow of your family photos on your TV. It also works with popular digital cameras, camcorders, and external storage devices.

Full 1080p Media Decoding Technology
Supports popular 1080p HD video codecs, including H.264, MKV, Dixv HD, MPEG 2-TS, VC-1, WMV9. Enjoy playback from over a dozen video formats and codecs on your HD LCD or Plasma via HDMI interface.

Flexibility, Scalability and Portability
For movies, TV shows, camcorder footage and more, the Mvix Ultio Pro is capable of playing dozens of digital media files and formats including DivX® (3/4/5/6), Xvid, MPEG 1/2/4, WMV-9, MOV, MKV, DVD(IFO, VOB), ISO, MP3, WMA, AAC, OGG, FLAC, AC3. The Media Center is completely Scalable – you decide what HDD-size suits you! Built-In Torrent Client Built-in Torrent Client, combined with NAS features provides an idea setup for digital media acquisition, storage and sharing.

Home-theater PC Experience
Combined with spectacular picture quality of HD video and crystal clear sound clarity of digital audio, the Ultio Pro provides a complete HTPC experience. Ability to install an internal SATA hard drive allows versatile applications.

Network Media Playback
Network media streaming from a shared, password-protected folder of a PC or NAS or a server over Ethernet (RJ45) connection or a wireless-N network (optional). Complete Universal Plug and Play (UPnP) support with embedded Samba Client. UPnP allows for seamless integration with services like PlayOn® or Tversity® (stream video content from Netflix, Hulu, CBS, Youtube, CNN, ESPN and much more)

File Management via Remote Control
Manage your entire media collection from the comfort of your living room. The media center is equipped for enabling complete file management features directly from the remote control - no need of a PC for its operations. Provides features like formatting hard-drive, Copy, Delete, Rename of files and even physical transfer of files between USB storage, Network shares, PC and its internal HDD simply via the hand-held remote)

Introduction

Specifications

Model No:	Mvix Ultio Pro (MX-800HD) HD UPnP Media Player
HDD Compatibility	Supports 3.5 SATA hard disk (capacity up to 2TB), HDD not included
Video Recording	Analog Video Recording via Composite (RCA) Cable. Recording Format: MPEG-2
External Storage	Via USB Host (for external CD ROM / DVD ROM / Portable HDD / USB storage)
Video Resolution	H.264, MKV, WMV, MOV, RM/RMVB, TS and HD Divx supported up to 1920 x 1080p
TV System Compatibility	PAL, NTSC, Auto
Networking	LAN RJ45 10/100M or Wi-Fi 802.11N (via USB dongle, sold seperately)
Network Protocols	Embedded UPnP Client, Samba Client
Video Playback	*Codec*: H.264, MKV, WMV, MPEG 1/2/4, HD Divx , Xvid, FLV, RM/RMVB, AVCHD *Container*: mkv, ts, m2ts, mts, tp, trp, wmv, lfo, iso, vob, dat, avi, mpg, mp4, mov, rm, rmvb, divx, xvid, flv
Audio Playback	*Codec*: MP3, WMA, WAV, OGG, AAC, LPCM, FLAC, AC3 *Container*: WAV [.wav, .pcm], ADIF, ADTS [.aac], M4A [.m4a], OGG [.ogg], ASF/WMA [.asf, .wma], FLAC [.flac]
Image Playback	JPG, JPEG, BMP, PNG, GIF
Subtitle Playback	sub, smi, ssa, srt, idx + sub
Audio Video Out	HDMI1.3 (digital video and audio signals), Component (Y Pb Pr), Composite Video, Optical SPDIF (Dolby Digital), Stereo audio output (Audio R/L),
I / O Ports	USB2.0 Host (for connecting external DVD ROM / Portable HDD / USB storage / USB WIFI), USB2.0 Slave to transfer Media from PC. 10/100Mbps Ethernet port (Media Transfer and Sharing across network
Torrent Client	Embedded Torrent Client
File Management	HDD Format, Copy, Delete, Rename, File Transfer via hand-held Remote
Power Input	Universal AC 100 ~230V 50Hz, DC
Power	DC 12V 3A, 36-W
Language	English, German, Spanish, Italian, French, Portuguese, Dutch, Hebrew

Introduction

Media Codec and Format Support

MPEG-1	DAT	320×240
	MPG	720×576
MPEG-2	VOB	720×576
	M-JPEG	640×480P
	MPG	1920×1080p
	TS	1920×1080p
	M2TS	1920x1080p
	TP	1920x 1080p
MPEG-4, DIVX, XVID	AVI	1920×1080p
	MP4	1920×1080p
	MKV	1920×1080p
VC-1	WMV	1920×1080p
H.264	AVI	1920×1080p
	MP4 / AVCHD	1920×1080p
	MKV	1920×1080p
	MOV	1920x 1080p
	RM / RMVB	1920x 1080p

MP3
WMA
WAV
AAC
OGG
Dolby Digital
FLAC
REAL AUDIO

JPG/JPEG
BMP
PNG
GIF

Product Details

Front view
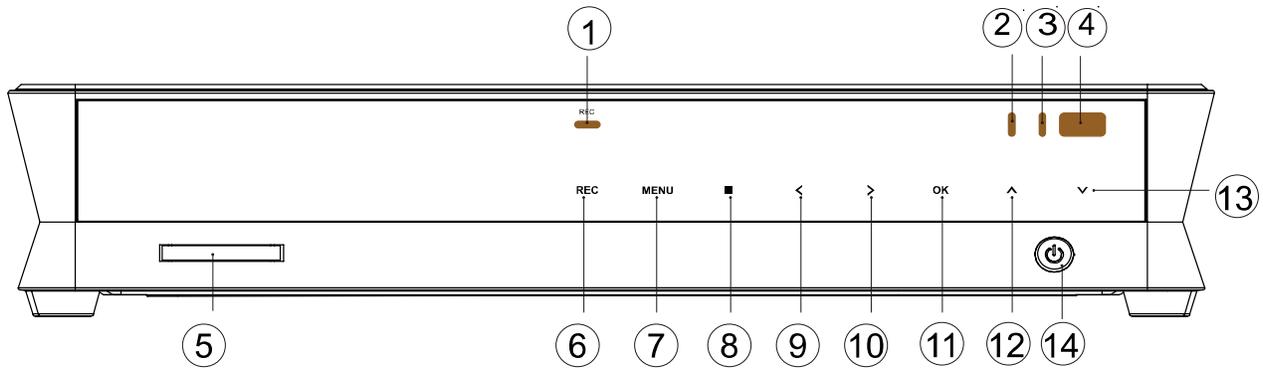
1	REC	Recording Indicator (RED, when recording)
2	POWER	Power Indicator (ORANGE, when powered ON)
3	STAND-BY	Stand-By Indicator (RED, when in Stand-by)
4	IR	Remote Control Receiver
5	Card-Reader	3-in-1 Card Reader (SD / MS / MMC)
6	REC	REC Button (Enter Recording Mode, Choose REC Time)
7	MENU	Press to enter the main menu
8	■	Press to stop current operation
9	◀	Press to move the cursor left
10	▶	Press to move the cursor right
11	OK	Press to confirm or select the current operation
12	▲	Press to move the cursor up
13	▼	Press to move the cursor down
14	⏻	Press to switch on/off the power

Product Details

Back View
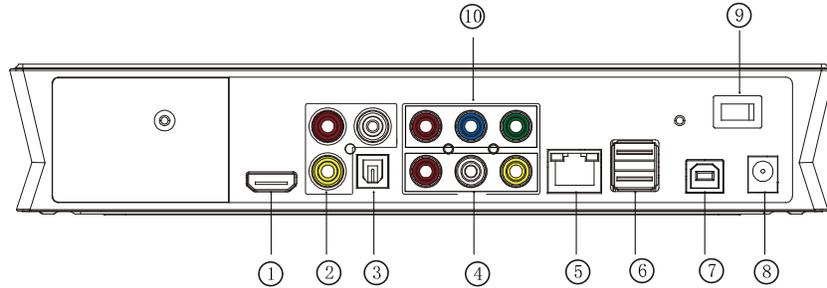
1	HDMI	Hi-Definition Video-Out Port (HDMI)
2	AV-IN	Composite (R-W-Y) Video-IN for Recording
3	OPTICAL	Optical Audio Out (5.1Ch)
4	AV-OUT	Composite (R-W-Y) Video-OUT
5	LAN	10 / 100M Network Port (RJ45)
6	USB HOST	USB Host (to connect to external Storage)
7	USB DEVICE	USB2.0 (to connect to PC for file Transfer)
8	DC IN	Power Cable Jack Connection
9	ON / OFF	Power Switch to Turn ON / OFF
10	Y Pb Pr	Component Video Out Port

Product Details

Remote control

POWER   ⏻   Turn on and off in the stand-by mode
MUTE   Turn on or shut audio output
TV SYSTEM   Toggle between NTSC, PAL, 480p, 576p, 720p 50HZ,
                          720P 60Hz, 1080i 50Hz ,1080i 60Hz, 1080p 50Hz,1080p 60Hz
0-9   Number Keys for Selection and Renaming
GOTO   Video / Movie Chapter Selection
GUIDE   Switch and Return to Main Navigation Menu (Home Page)
FR ◀◀   Fast rewind, Toggle to Set Rewind Speed
FF ▶▶   Fast Forward, Toggle to Set Forward Speed
RETURN   Return to the previous menu
SETUP   Enter Setup menu
OK   Confirm or Select
PREV   Return to previous file / PG UP
NEXT   Go to next file / PG DOWN
VOL-   Decrease volume
VOL+   Increase volume
OPTION   Option Navigation Bar for Rename/Edit file function.
STOP   Stop Playback / Recording
PLAY   Press to Play Media File (Or Play Recorded File in time shift)
PAUSE / STEP   Toggle to Play / Pause Playback / Recording
REPEAT   Set Repeat Option: (e.g. Chapter, Title)
COPY   Enter the File copy mode
SELECT   Select a file and then press "confirm" to add / delete files in
                          the playlist. Select Files / Folders in Copy Mode.
ENTER   Press to Confirm Selection
INFO   Display time, title, information of chapter of Media File
SUBTITLE   Switch subtitle files
SLOW   Slow motion: （1X, 3/4X 1/2X, 1/4X, 1/8X, 1/16X）
                          Press PLAY to resume regular play mode.
AUDIO   Toggle Audio Outputs
ZOOM   Zoom Video or Image Display on Screen
                          Photo zoom levels: 1X, 2X,4X,8X,16X
                          Video zoom levels: 1X, 2X,3X,4X,8X
REC   Enter Recording Mode. Toggle to Select Recording Time.
TIME SHIFT   Press to Activate Time Shift Recording Mode
                          Press "Time shift" and wait for the on-screen display.
                          Press "pause" to pause program, press "Play" to resume.
TIMER   Timer Menu for Managing Recording Schedules.
REC LIST   List of Recorded Media files.

Product Details

The User Interface

Main Menu

Provides Access to Media locations and Setup Menu

Media Menu: Access Media Locations and Network Shares
REC Llist: Access List of Recorded Media
AV In: Watch Video coming in via AV In
Timer: Setup Recording Schedule
Internet Services: Access to Internet Services – Video, News etc.
File Copy: Access to File Managmenet – Delete, Rename, Copy etc.
Setup: Access to Setup Menu

Media Menu

Provides Access to Media locations and Network Shares

Local HDD: Media location on Internal HDD
USB Device: Media located on a connected USB drive, if connected
Memory Card: Media located on a Memory Card, if available
External DVD: Playback from External DVDROM
UPnP: Access to UPnP Shares over the Network
Network: Access Media located over the Network
Playlist: Create and Playback Playlists

Setup Menu

Provides Access to Settings for System Media Playback & Network

System: Configure System Settings
Video: Configure Video Playback Settings
Audio: Configure Audio Playback Settings
Photo: Configure Image Playback Settings
REC: Configure Recording Settings
Network: Configure Network Settings

Product Details

The User Interface

Video Settings
Provides Access to Configuration of Video Playback Settings

Movie Preview: Turn Preview ON / OFF when browsing over titles
Resume Playback: Turn "Resume Playback" feature ON / OFF
Seamless Playback: When playing HD movies with multiple chapters can be playback successively without buffer
Aspect Ratio: Select Display Aspect Ratio: 4:3 vs 16:9
Brightness: Select Video Output Brightness
Contrast: Select Video Output Contrast
TV System: Select TV System (PAL / NTSC / AUTO, 1080p, HDMI)

Audio Settings
Provides Access to Configuration of Audio Playback Settings

Night Mode: Select Night Mode Off / On or Comfort level
Digital Output: Select Digital Audio-out Settings
    HDMI LPCM: Ultio Pro decoded Audio Output via HDMI,
    HDMI LPCM MULTI CH: Output through HDMI 5.1 Channel
    HDMI RAW: Raw Audio Stream Output via HDMI
    SPDIF LPCM: Ultio Pro decoded Audio Output via Optical Out
    SPDIF RAW: Raw Audio Stream Output via Optical Out

Photo Settings
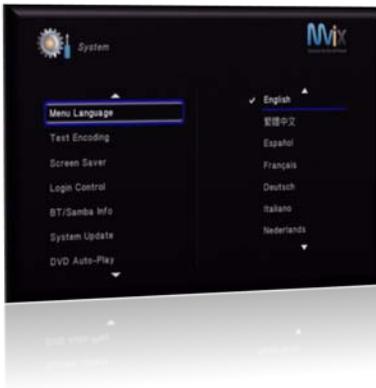Provides Access to Configuration of Image Playback Settings

Slide Show Timing: Select Time Interval between Image Slide Show.
Transition Effect: Select Transition Effects between Image Playback
Background Music: Select background music with SlideShow.

Product Details

The User Interface

Systems Settings Menu

Provides Access to System-wide Settings

Menu Language: Select Menu Languages
Text Encoding: Select Text Encoding languages for Subtitles etc.
Screen Saver: Turn Screen Saver ON / OFF
Login Control: Turn Login Control ON / OFF
BT / Samba Info: Install services like torrent client, samba etc.
System Update: Update Firmware
DVD AutoPlay: Auto-Play DVD once connected and powered ON.
Time: Select System Time
HDD Format: Format HDD option *(Caution: Erases All Data on HDD)*
Restore Default: Perform Soft Reset and Revert to Factory Settings

REC Settings

Provides Access to Configuration of Media Recording Settings

Quality: Recording Quality Setting: HQ, SP, LP, EP, SLP
(Highest Quality is HQ and requires most space)
Permanent Timeshift: Permanent Timeshift ON / OFF
REC Device: HDD, USB

Network Settings

Provides Access to Configuration of Audio Playback Settings

Night Mode: Select Night Mode Off / On or Comfort level
Digital Output: Select Digital Audio-out Settings
    HDMI LPCM: Ultio Pro decoded Audio Output via HDMI,
    HDMI LPCM MULTI CH: Output through HDMI 5.1 Channel
    HDMI RAW: Raw Audio Stream Output via HDMI
    SPDIF LPCM: Ultio Pro decoded Audio Output via Optical Out
    SPDIF RAW: Raw Audio Stream Output via Optical Out

Initial Setup

Usage Precautions

▶ Ensure the power is off when you connect the A/V cable between the Mvix player and the TV.

▶ If using an older hard drive, ensure that you backup all necessary data and files. As a part of its normal operation, Mvix Ultio Pro will format and erase all old files.

▶ When cleaning the device, disconnect the power and then wipe the unit with a soft piece of dry cloth.

▶ When connected to the computer through the USB cable Mvix Ultio Pro works like an external USB storage device (During this operation, there is no video/audio playback). To resume playback mode, disconnect the USB cable connected to your PC and turn on the Mvix player.

▶ The supplied cables and accessories are recommended for customized best performance of the Mvix Media Player. Using any other (after-market) cables or accessories may not provide best performance. DO NOT use any power adapter with Mvix Ultio Pro, other than the one supplied with your unit.

▶ In order to unplug your Mvix Media Player, press the STOP button before removing cables or turning off power.

▶ Remember, Mvix Ultio Pro is NOT a recorder. Do not plug any AV input into its AV out ports (Component, Composite, HDMI etc.)

> ### ATTENTION
>
> Observe Precaution when handling
> Electrostatic Sensitive Devices

Initial Setup

Hard Drive (HDD) Installation
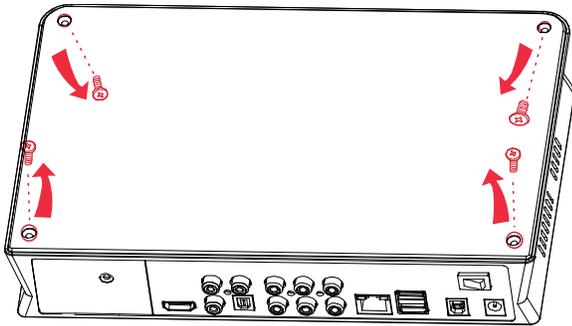
Remove FOUR screws from the top cover
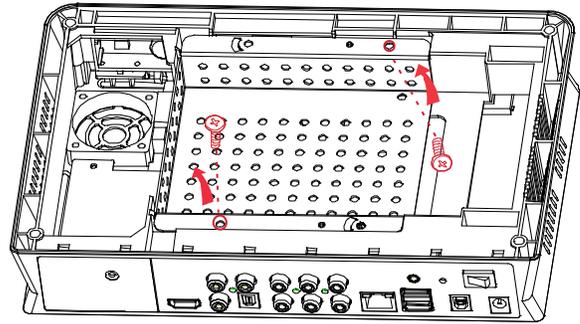
Remove 2 screws from the HDD Cradle, as shown
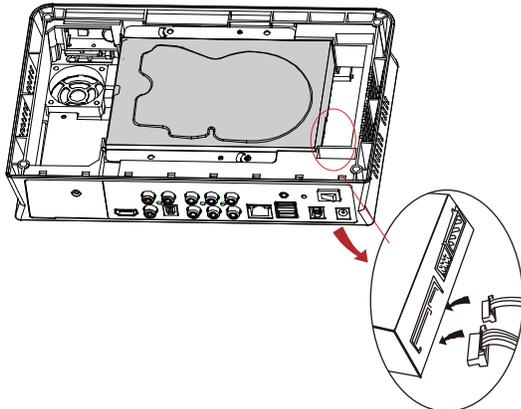
Seat the HDD inside the cradle and plug SATA cables
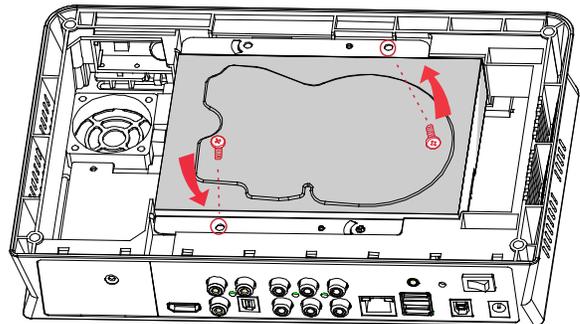
Insert the 2 screws on HDD cradle, as shown

Once the HDD is physically installed. Format the HDD using Mvix Ultio Pro (in-built) utility

Caution: Do not install a HDD containing data/files. Ultio Pro will format the HDD upon first use and erase all current data.
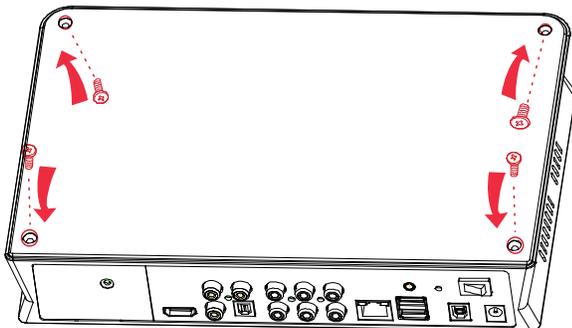
Re-assemble the top cover and re-insert four screws

Initial Setup

Formatting Hard Drive

▶ Press SETUP button on the Remote
▶ Select "System" Settings label / link

▶ On the Systems Menu, scroll down and select "HDD Format"
▶ Navigate to the right, select HDD Format and press "OK" on your Mvix Remote.

▶ The Warning page informs you that the HDD inside your Ultio Pro is about to be formatted and that all data will be erased from that disk.

Prior to using the recording functionality, HDD formatting is required. Please backup all your data before formatting.

Note: Formatting is an irreversible process. Always backup your data before formatting a HDD.

Getting Started

To get started you need to :
► Connect audio and video cables to Mvix Ultio Pro and your widescreen TV or home theater receiver
► Connect Mvix Ultio Pro to a Power Outlet
► Connect Mvix Ultio Pro to your wireless or wired network via your router or switch

Before you begin, look at the back of your TV or receiver and locate the AV ports. Ensure you have the appropriate cables for your setup.

► Audio-Video Connection to your TV
The Mvix Ultio Pro is designed for video-output via a variety of AV connections , such as composite(AV),component(YPbPr) and HDMI. Depending on your current AV setup, you can decide which mechanism is most suitable for you. The Mvix Ultio Pro is configured such that it can detect video output automatically, making the AV link to TV hassle-free.

If choosing a Composite (RCA-type: Red, Yellow and White) cable:
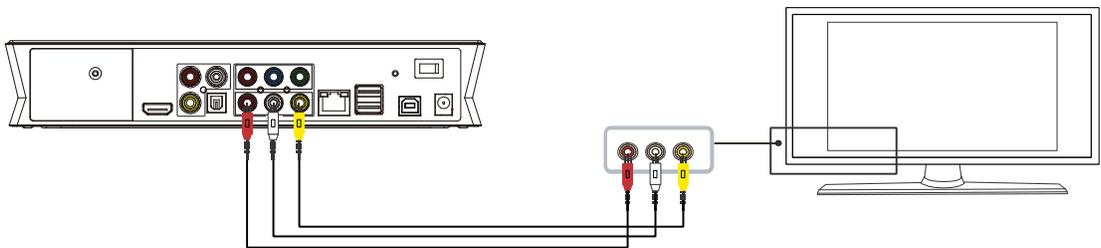
Plug the yellow connector into the AV output of Mvix Ultio Pro and AV input of TV, and plug the red and white connector into the audio input of TV or Stereo amplifier / receiver. Turn on the TV and select AV mode. Power on the Mvix Player and it should display the Home Screen of Mvix Ultio Pro.

Initial Setup

If choosing a Component (YPbPr) Cable:

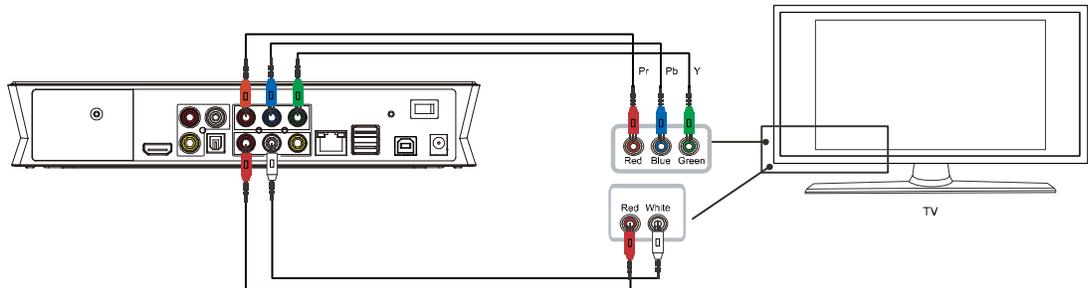Plug the Component YPbPr cable into the output of Mvix Ultio Pro and input of TV. Since Component cables are for video signal only, you will need to connect another AV (Red-White) cable connector of AV cable into the audio output of Ultio Pro and audio input of TV or amplifier / AV receiver. Turn on your LCD or Plasma and select YPbPr video input mode.

If choosing a HDMI Cable
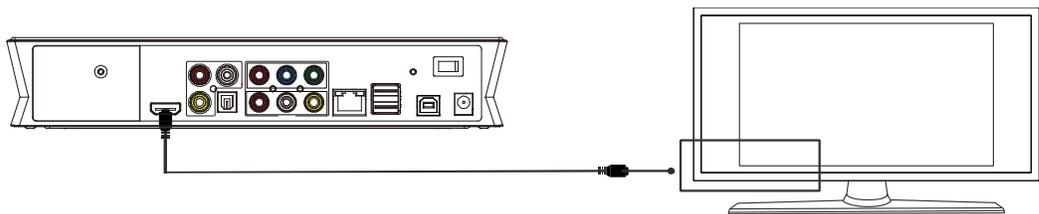
HDMI output provides the highest quality of video output. For your convenience, a HDMI cable is included with Ultio Pro. HDMI output offers the composite of digital audio and video signal upto 1080p resoution. Connect the HDMI cable to output of Ultio Pro and the display device (TV, LCD, projector etc.) with HDMI input. Select HDMI mode in TV.

Always connect the HDMI cable before usage. Once connected, adjust your TV mode to HDMI and requisite resolution (720p, 1080i or 1080p), depending on your viewing preferences.

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Initial Setup

If choosing, Optical (Audio-only) Cable
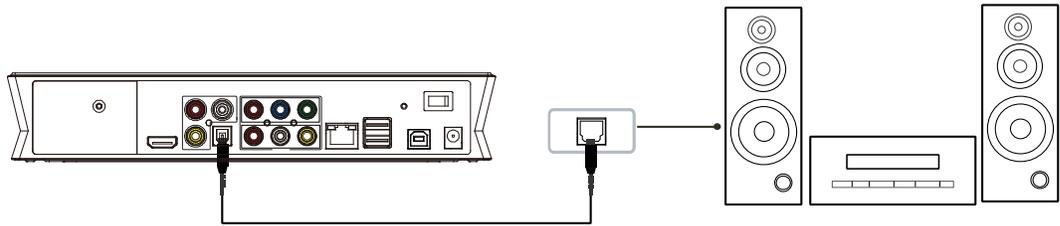
Optical output ： Connect the product Optical connector with the other one from video or audio device by Optical cable. Then enter the product's audio interface, select the Digital Output option "SPDIF LPCM" or "SPDIF RAW". It is available to enjoy 5.1 high quality sounds through a multi channel decoder/amplifier with optical input.

The first time you use Mvix Ultio Pro the display (TV / LCD) screen will flicker and adjust the resolution. This is a normal process, where the device is self-configuring itself to work with your setup.

If you see just a black screen the first time you use Mvix Ultio Pro TV, make sure the input you've selected on your TV matches the input you've plugged the cables into on your TV or receiver. If the input matches, you might need to select a screen resolution that your TV supports.

▶ Power connection

Connect the power adapter (supplied with your Mvix Ultio Pro) to the back of the device and plug the power onto a wall jack. Mvix Ultio Pro is compatible with 110 or 220V and is suitable for worldwide use.

Initial Setup

▶ **Network Connection and Setup**

Mvix Ultio Pro is a Networkable Media Player with UPnP and Samba Client. It can connect to your local area network via a router or switch and allow you to share media files from your PC or NAS.

Mvix Ultio Pro comes pre-equipped with a RJ45 Network Jack for use with wired Ethernet cable. Wireless-N Adapters / Dongles are optional and sold separately.
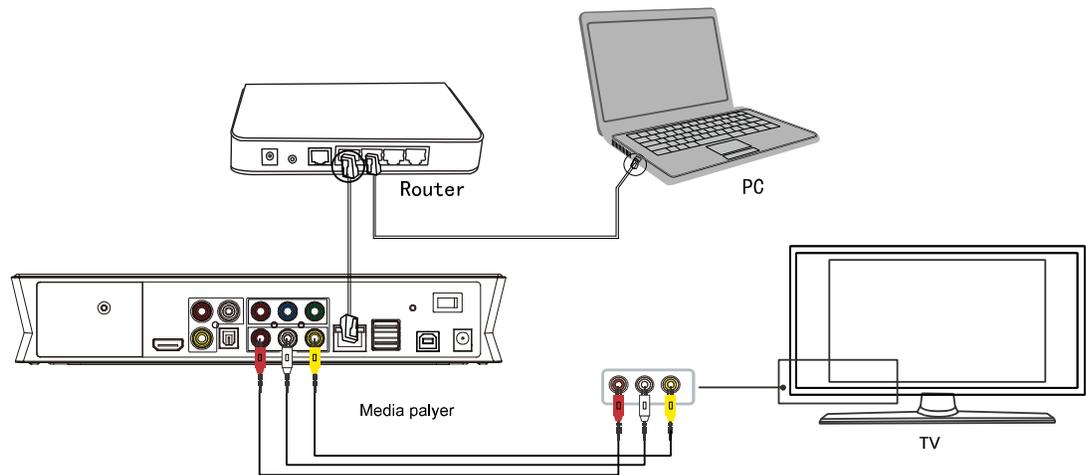
Once your TV is setup and displays the main home page of Mvix Ultio Pro.
- ▶ Press "setup" key on the Mvix Remote or select "setup" menu in the initiation interface.
- ▶ Select "Network" option in the setup window and press "OK" to confirm. Network configuration allows for either automatic or manual IP setup via Wired or Wireless setup.
- ▶ Follow the on-screen instructions to complete the network setup.

If you connect to a wired Ethernet network using DHCP, Mvix Ultio Pro automatically detects your network. Else, you may have to enter your IP address, subnet mask, router, and DNS addresses

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Initial Setup

Recording Setup and Connections

Mvix Ultio Pro allows you to watch television programs along with recording shows and programs. Simply connect a composite video out signal from your satellite or TV digital box to the Mvix Ultio Pro (Video IN) Refer to the following illustration to connect the product.

1. For set-top box or satellite TV receiver with two VIDEO OUT ports, refer to this connection setup
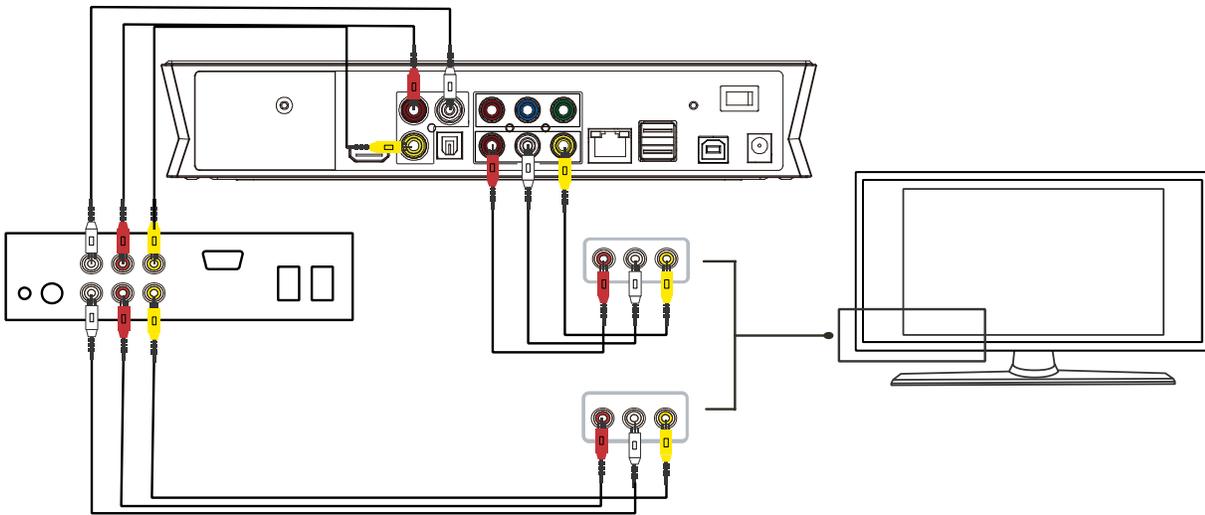
B. For set-top box or satellite receiver with only one signal output, please refer to this connection :
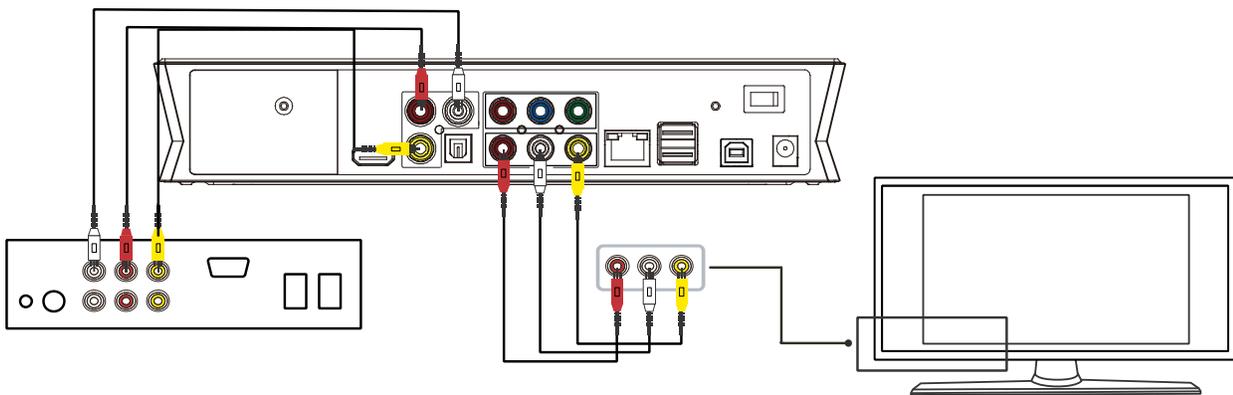
Connect the Video IN ports and set-top box or satellite TV receiver using a composite (RCA) cable. Turn on your TV and select AV mode. Turn on Mvix Ultio Pro and select AV IN after enter the menu. The TV program will be displayed on screen and is ready for recording.

Initial Setup

Network Connections: Wired

In order to utilize the network features of Mvix Ultio Pro, Connect the Media Player to the network (router) via a Wired Network Cable (RJ45 Cat 5). This will allow fast network access to the media files and folders shared on your PC or other Network Storage devices.

▶ Using your Mvix Remote control, Press the SETUP button and enter the SETUP menu.
▶ Select NETWORK and then select WIRED LAN SETUP.
▶ Depending on your router and network configuration, you can choose between two options:
  o DHCP IP (AUTO)
    ▪ Choose this option if you want your router to assign a dynamic IP address to Mvix Ultio Pro. This option is easy to use and recommended for normal users.
  o FIX IP (MANUAL)
    ▪ This option allows you to assign a static IP address to Mvix Ultio Pro. This option requires modifying network settings of Mvix Ultio Pro and is recommended for advanced users.

If setting Static IP for your Mvix Ultio Pro, enter the information (IP Address, Subnet Mast and Gateway) as relevant to your router as in the screen below.

The IP address, Gateway information shown above is for reference purposes only. Do NOT copy these in your Mvix Ultio Pro. Kindly refer to the User Manual of your router for setting Static IP addresses.

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Initial Setup

Network Connections: Wireless

In situations where network connection cannot be established over a wired network, Mvix Ultio Pro can also be connected to a Wireless Network.

Note: Wireless Network functionality is an optional feature and requires a Wireless USB Adapter (not included). Mvix Ultio Pro is compatible with 802.11 b/g/n adapters of approved brands.

In order to install the Wireless Adapter, simply plug-in, an approved Wireless Adapter / Dongle through the USB-Host port. Once the device is recognized by the media player a confirmation ("WiFi Plug In") will pop-up on the top of your LCD / Plasma screen.

If you have already installed and setup your wireless connection earlier, you can simply test to ensure that you are connected and the network is operational. Using your Mvix Remote, navigate to the "NETWORK" label and press "OK". You will be see atleast two links/folders labeled as "/My_Shortcuts/" and "/My_Neighbors/".This confirms that you are successfully connected to a wireless network and can now browse and stream media content from a shared folder of PC or NAS.

All wireless adapters which use the RTL8187b chipset are compatible with Mvix Ultio Pro.

Check out our online store: www.mvixusa.com/store for information on such adapters.

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Initial Setup

Network Connections: Wireless

Once the Wireless Adapter is successfully installed on your Mvix Ultio Pro.

▶ Using your Mvix Remote control, Press the SETUP button to enter the settings menu.
▶ Select NETWORK and then select WIRELESS SETUP and press "OK".

For the initial setup of wireless configuration, a profile configuration is required. While one profile configuration ("Connection 1") is enough to establish a Wireless connection, Mvix Ultio Pro provides the flexibility of having multiple profiles for use across multiple wireless networks.

In order to configure "Connection 1" Profile:
▶ Browse and select "Connection 1" and then select "Infrastructure (AP)"
▶ Mvix Ultio Pro performs a scan of wireless networks and displays "SSIDs" of available networks in its range along with their security protocols (WEP / WPA / WPA2) and signal strength.
▶ Select the your preferred wireless network and press "OK". If your preferred network requires an access key (WEP / WPA / WPA2 key), then a keyboard pops up.

▶ Enter the network access key and select OK on the on-screen keyboard. Press "OK"
▶ Mvix Ultio Pro enters into a "Connection Testing" Mode to evaluate and acquire IP from your wireless network / router

Once the IP is successfully acquired, the "Test OK" confirmation screen is displayed along with the IP address, Subnet mask etc.

You are now connected to your local wireless network.

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Initial Setup

File Sharing Configurations (with Windows XP)

The following two conditions are necessary for Configuring File Sharing Protocols on your (Windows-based) PC.

▶ Folder sharing and Security Settings.
▶ Configuring Mvix Ultio Pro and the Windows-based PC to be on the same Network Gateway and Subnet.

File sharing involves making the media content of one or more files / folders (on your PC) available through the network. By "enabling" this file sharing, you can view these files / folders (on your PC) to be accessed / viewed on your Mvix Ultio Pro (on the same network).

Caution: File sharing may lead to security problems since, by definition, it gives other users access to the content of a part of the hard drive. As a result, it is essential that you share only folders for which it would not be extremely important if their content were revealed (or destroyed), Furthermore, you are strongly advised against sharing a whole partition of your hard drive. This operation is specifically discouraged if you do not trust the other network users!

Enable "Simple File Sharing" under Windows-XP
▶ Double-click on My Computer icon on the desktop.
▶ On the Tools menu, click Folder Options.
▶ Click the View tab, and then select the Use Simple File Sharing (Recommended)
▶ Check box to turn on Simple File Sharing.
Note: Windows XP Home Edition-based computers always have File Sharing enabled by default.

Once the "Simple File Sharing" is enabled in Windows-XP,
▶ Open Windows Explorer (or My Computer).
▶ Navigate to the file, folder or drive folder to be shared, and select it.
▶ Right Click on the file or folder and choose the "Sharing and Security..." option. A new Properties window will appear.
▶ Click on the Network tab in the Properties window.
▶ Click the "Share This Folder" option in the Properties window to enable sharing. This will allow all other computers on the local network to access file(s) but not modify, delete or rename them.
▶ In order to allow Mvix Ultio Pro to rename or delete these files, click the "Allow Network Users to Change My Files".
▶ Click Apply or OK to save these settings.

Initial Setup

File Sharing Configurations (With Windows Vista)

File sharing involves making the media content of one or more files / folders (on your PC) available through the network. By "enabling" this file sharing, you can view these files / folders (on your PC) to be accessed / viewed on your Mvix Ultio Pro (on the same network).

Caution: File sharing may lead to security problems since, by definition, it gives other users access to the content of a part of the hard drive. As a result, it is essential that you share only folders for which it would not be extremely important if their content were revealed (or destroyed), Furthermore, you are strongly advised against sharing a whole partition of your hard drive. This operation is specifically discouraged if you do not trust the other network users!

Enable "File Sharing" under Windows Vista
- ▶ On your PC, Click Start, right-click Network, and then click Properties..
- ▶ A new Window titled "Network and Sharing Center" pops up.
- ▶ In the "Sharing and Discovery" section of the Network and Sharing Center window, click the down arrow next to File sharing.
- ▶ Within the File sharing settings, click Turn on file sharing, and then click Apply.
- ▶ To enable public folder sharing, do the following:
    - o In the Sharing and Discovery section of the Network and Sharing Center window, click the down arrow next to Public folder sharing.
    - o Within the Public folder sharing settings, click "Turn on sharing so anyone with network access can open, change, and create files".
    - o Click Apply..

Once the "File Sharing" is enabled in Windows-Vista,
- ▶ Click Start, and then click Computer.
- ▶ In the Computer window, navigate to the folder containing the folder that you want to share.
- ▶ Right-click the folder that you want to share, and then click Share. The File Sharing window is displayed.
- ▶ Use the File Sharing window to select the Guest or Everyone account. This is equivalent to simple file sharing in Windows XP.
- ▶ When complete, click Share, and then click Done..

Initial Setup

USB HOST interface

Mvix Ultio Pro comes with two USB-Host Ports to expand its media storage capacity. You can not only store all your digital media on Ultio Pro's internal HDD but also on external storage devices such as portable HDDs, USB drives, DVD ROM etc. The USB-host port is built upon a full speed USB-compliant host/function processor for most optimal performance. It is compatible with all standard, external mobile hard disk drives, Flash / thumb drives, digital cameras, card readers and other data storage devices.

- Turn off your Mvix Ultio Pro before connecting your external device to the player.
- Some 2.5" external-HDD may require additional power to the external HDD to be recognized. Use the AC-adapter included with your 2.5" external HDD to enable its use with the Mvix player.
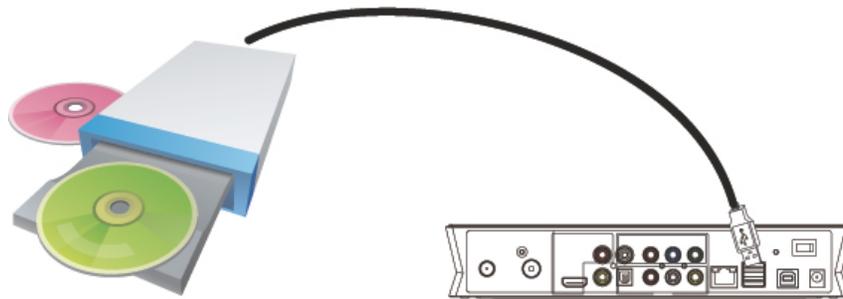
Mvix Ultio Pro is also compatible with external USB-DVD drives . Simply connect the USB-DVD drive to the USB-host port of Ultio Pro and you can play the contents from the DVD disk directly. At the same time, you can copy contents from your DVD-ROM discs to the internal hard drive (inside Mvix Ultio Pro) for backup. This backup functionality will not work for encrypted or copy-protected DVDs.

From the main home section of Ultio Pro, select "External DVD". If, in your System Setup, "DVD Auto Play" is turned on, the drive will automatically identify and begin to play DVD. Use your Ultio Pro remote to navigate the playback from the device. During the playback, press the "stop" to stop playback, press the "return" to return to Ultio Pro's main menu page. Once on the main menu page, press "stop" to eject the DVD from the drive.

Initial Setup

Connect to a PC via USB 2.0
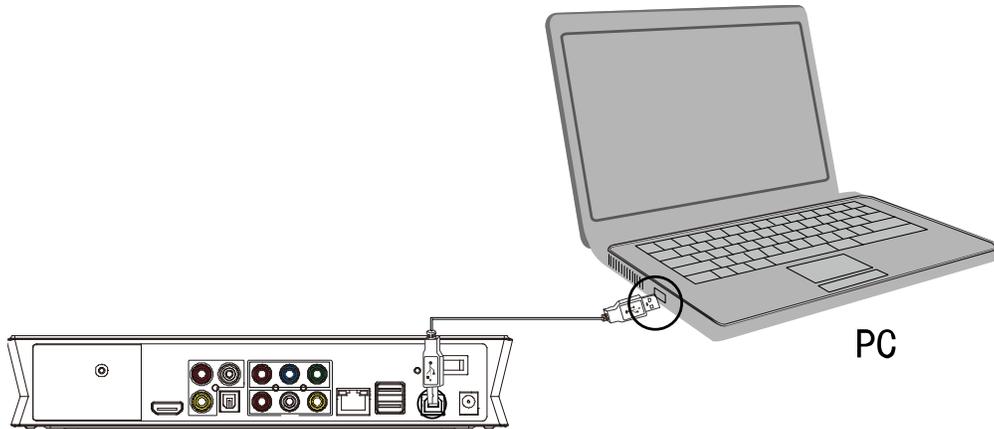
This HDD-based Media Player can also be used as a external USB storage device.

▶ After you have successfully installed an internal HDD inside Ultio Pro, connect to the power supply to Mvix Ultio Pro. (Your PC will not recognize the Ultio Pro if power supply is not connected)

▶ Connect the Mvix Ultio Pro to your PC using a USB2.0 cable.

▶ Once the PC has recognized this external storage device, simply drag and drop (transfer) files and folders from your PC to Mvix Ultio Pro's internal HDD.

▶ Upon completion of data transfer, remove the USB cable from the PC by disconnecting the storage device safely (click the USB device icon, lower right bottom corner on your PC, to stop the USB device)

Note: If your PC does not recognize Mvix Ultio Pro as an external storage device, disconnect the USB cable, reboot the PC, and then connect again.

Caution: Do NOT disconnect power when connected to the PC.

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Media to/from Ultio Pro

Transferring Files to / from Ultio Pro to PC via USB 2.0 Cable

In order to have a smooth playback and have localized storage, it is recommended to store media on the local, internal drive of Mvix Ultio Pro. The easiest ways of transferring files to the internal HDD of Ultio Pro is via the USB-cable.

- ▶ Power-off your Mvix Ultio Pro, by pressing the Power button on the Mvix Ultio Pro or on your remote.
- ▶ Connect the USB 2.0 A-B cable (included) to the USB Host port located to the right of the Ethernet port on Mvix Ultio Pro. Connect the other end of the Cable to your PC.
- ▶ Power-On the Mvix Ultio Pro Media Player.
- ▶ Your computer will recognize the Mvix Ultio Pro and will attach the player as an external USB Hard Drive.
- ▶ Simply Drag and Drop your media files from your PC to the Mvix Ultio Pro Hard Drive. Use as many folders and subfolders to organize your media collection on Ultio Pro's storage.

PC
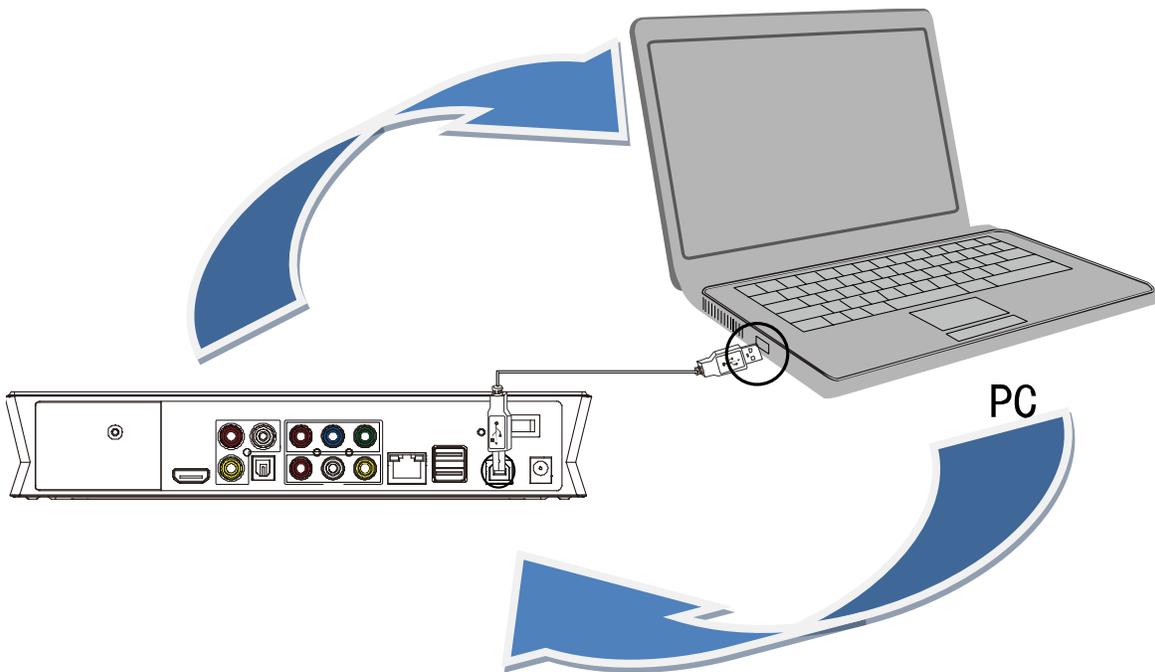
Media to/from Ultio Pro

Transferring Files to / from Ultio Pro to PC / NAS over the Network

One of the unique features of Mvix Ultio Pro is its ability to transfer media files from a local PC or Network-attached storage (NAS) device using your local-area network. Once the Mvix Ultio Pro is setup on your network, transferring files across network devices (PC, NAS, etc.) can be accomplished simply via File Management functions of the Mvix Remote.

▶ Using the Mvix Ultio Pro remote, press the "Copy" button. Screen similar to the one below pops up:

▶ The two columns are indicated as "Source" and "Destination"
   o Source is the location where the media file currently resides. (e.g. "USB" means that the media file currently resides on the USB-Drive attached to Mvix Ultio Pro)
   o Destination is the location that you want to copy / move the media file. (e.g. "TRASH CAN" means that you want to move the media file to the trash – i.e. delete the file)

▶ Simply select the source location of your media file. Browse to the source location and press "SELECT" on the remote. To copy media files from your:
   o USB Drive you will select "USB"
   o Local Hard Drive (inside Mvix Ultio Pro) you will select "HDD"
   o DVD drive (connected to Ultio Pro via USB), you will select "DVD"
   o Network (e.g. a shared folder on your network, PC, NAS etc.) you will select "NET"
▶ Press the right arrow on the remote to move to the Destination column and select where you want to copy / move your media file. To copy / move media files to your:
   o USB Drive attached to your Mvix Ultio Pro, select "USB"
   o Local hard drive installed on your Mvix Ultio Pro, select "HDD"
   o Networked PC, NAS or a shared folder on your network, select "NET"
   o Trash (i.e. Delete files from the source), select "SOURCE"
▶ Next, browse for media files on the source and SELECT the one you want to copy / move.
▶ Press the "Select" button on the remote to select media files. You can also select entire directories or multiple files in a single directory.
▶ Next, browse the destination - where you want to copy/move the media files. Press the RIGHT arrow button.
▶ An option to copy or move is provided. CAUTION: Moving files will remove them from the source.
▶ Depending on your network speeds and file size, it may take few minutes or more to complete the copy or move process.

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Media to/from Ultio Pro

Transferring Files to / from Ultio Pro to PC / NAS over the Network

Mvix Ultio Pro not only allows you to transfer files / folder to Ultio Pro (using your Mvix Remote), it is also configured to work as a Network Attached Storage. That is, you can drag and drop files from you PC to Ultio Pro over the network.

> *Required: Install the (optional) Samba module (refer: SETUP –SYSTEM SETTINGS)*
> *(Files required for Samba module setup are available for download from MvixUSA's Support Center)*

▶ Once the Samba (server) module is installed on Mvix Ultio Pro, it makes it a Network-attached storage device:
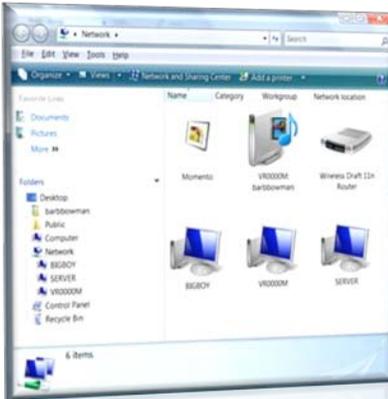
▶ On your PC, open your "*Windows Explorer*" or click on "*My Computer*" and navigate to the folder labeled "*Network*"
  o If your PC is connected to the same network and workgroup as the Mvix Ultio Pro, your PC will immediately recognize it as a Network Drive.
  o The Mvix Ultio Pro shows up as a Network drive labeled as: "Venus"
  o Double-click on this network drive and you will be able to access the HDD inside Mvix Ultio Pro.

▶ Simply drag and drop all your media from your PC to this network drive on your Ultio Pro.

Troubleshooting: When trying to access the Network Drive (Ultio Pro HDD from your PC) and if asked for a UserID and Password, then your Login Control is turned on. Turn it off to gain direct access to the system.
  ▶ Navigate the System Settings Menu under Setup on Mvix Ultio Pro.
  ▶ Scroll down and click on LOGIN CONTROL.
  ▶ RIGHT CLICK, Select OFF and Press "OK".

Network Access

UPnP

UPnP (Universal Plug and Play) allows you to connect UPnP-enabled devices (available on the network) seamlessly with Mvix Ultio Pro and share their content with the media player. In most situations, small, freely-available applications can be installed on your PC to make it UPnP-enabled. Amongst others, applications such as like TVersity® (http://www.tversity.com) or PlayOn® (http://www.themediamall.com/playon) allow you to share your media over your network. Using Mvix Ultio Pro, you can connect to your PC over the network and stream media / content to your TV. These applications will also allow you to connect to online video services such as YouTube, Joost, Hulu and many more.

Using a combination of an application such as Tversity® or PlayOn®, you can access large number of online video channels on to your LCD or Plasma.

▶ Install a UPnP AV server (such as Tversity® or PlayOn®) on your PC. Follow instructions provided in these applications for installation.
▶ Connect both the PC and the Mvix player to the network, over a router or network-switch.

▶ In the main menu screen of Mvix Ultio Pro. Select the "UPNP" option and press ok.
▶ All UPnP-enabled devices, available on your local network, will be displayed.

▶ Simply select the device which contains the preferred media.
▶ Browse to your media content / file and press "Play" on your remote.
▶ The playback of the video or audio file should start momentarily as it is streamed across your network.

Network Access

Access Media over the Network

Amongst other valuable features of Mvix Ultio Pro, its ability to stream media content over the network. Fundamentally, there are two ways to access the media files available (shared) on your local network. From the main screen of Ultio Pro, select the "NETWORK" label.

My Shortcuts
Shortcuts are like bookmarks. You can bookmark you favorite network locations (e.g. "My Pictures" folder on your laptop or say "Home Videos" on your NAS). These bookmarks / shortcuts not only store the direct path / location of these network folders but also the access information (userid and password). Shortcuts eliminate the hassle of browsing to your favorite folders and entering userid and passwords repeatedly.

▶ Once on the "My Shortcuts" link, Press OPTION key to enter the setup interface. You can Add, Modify, or Delete Used ID and passwords of individual shortcut locations.

▶ To Add, Press Add button on your remote to enter a new User ID, Password for the specific Shortcut. Select YES to complete the setup.

▶ Now you can access the media files located on the network folder. Browse, select and play the media files.

Network Access

Access Media over the Network

My Neighbors
Neighbors are all network locations where access ID and password may or may not be required. All network shared folders can be accessed from this "/My Neighbors/" link / label.

Once connected to the network, you can browse and select media files from all network shared folders via this link.

▶   The "/My_Neighbors/" link can also be used to access network shared folders that are protected by user id and password.
▶   This link provides you access similar to the "/My_Shortcuts/" link, except that bookmarks, UserIDs and PW cannot be stored.

Once the "/My_Networks/" link is setup and configured to access a shared folder on your PC or NAS, the folder will work exactly like a media storage device and can be used for Accessing, Storing and Manipulating Media Files. You can also edit files stored on your PC via this interface.

Note: If no network folders are shown under this link, Please check the Network Setting on the Player and ensure that your PC is setup to share files and folders.

Recording Functions

Media Recording

One of the unique features of Mvix Ultio Pro is the ability to Record videos from various sources via RCA Composite Cable (Red, White and Yellow). You can record videos and music from your camcorder, satellite box, cable box, music system or any device which outputs video and/or music via a Composite connection. Mvix Ultio Pro allows recording in MPEG-2 format allowing ease of portability and transferability of media. Mvix Ultio Pro has a built in scheduler for recording as well as an excellent time-shift feature for watching video with a delayed time gap.

Recording Media

- Ensure your video source (Camcorder, VCR, Satellite Box etc.) is connected to Ultio Pro
- Turn on your video source
- From the Main Menu, "Select AV IN"
- You should be able to see the incoming video from your source.
- Press the REC button on your remote to start recording

Setting up Scheduled Recording

- From the Main Menu, Select "TIMER"
- Select Edit.
- Navigate and Select "Add a New Schedule" and Press Enter on your remote
- Enter all recording options:
    - Source (Video IN)
    - Start Time (Date & Time of Recording)
    - Length (Length of Recording Time)
    - Repeat (Schedule Repetition, Daily, Weekly, etc.)
    - Device (Device to Store Media: HDD, USB, etc.)
    - Quality (Quality of Recording HQ, SLP, EP, LP, SP)
    - NICAM (If Selected, records audio in high quality stereo)

The device will POWER ON according to a predetermined schedule. It will record as per the schedule and will POWER OFF after recording is completed.

Recording Functions

Live Video and Time Shift

Mvix Ultio allows you to enjoy live video streaming from a video source – like Camcorder, Video Camera or even a Webcam. While doing so, it also allows you to provide a time gap between your source feed and what is being watched. Using Time Shift you can also FF and FR your TV channels.

Live Video Feed

- Ensure your video source (Camcorder, VCR or Webcam etc.) is connected to Ultio Pro via the AV IN port.
- Turn ON your video source
- From the Main Menu, "Select AV In"
- You should be able to watch the incoming video from your source on your TV.

Ensure that the Video Source (Camcorder, VCR or WebCam) is powered ON, and is setup to output video/audio from its composite (RCA) model.

Setting up TIME SHIFT

- While watching LIVE video feed, simply press TIME SHIFT button on your remote
- The video will be played with a time gap from the source.
- Press "PLAY" to continue normal play
- Press "PAUSE" to hold / pause playback
- Press "STOP" to cancel the "time shift"

The device will POWER ON according to a predetermined schedule. It will record as per the schedule and will POWER OFF after recording is completed.

File Management Functions

Renaming and Deleting Media Files

Ultio Pro not only allows for direct playback of video files but also offers a comprehensive media file editing mechanism.

Media files can be easily edited – renamed and deleted – directly from the Video playback interface using the remote.
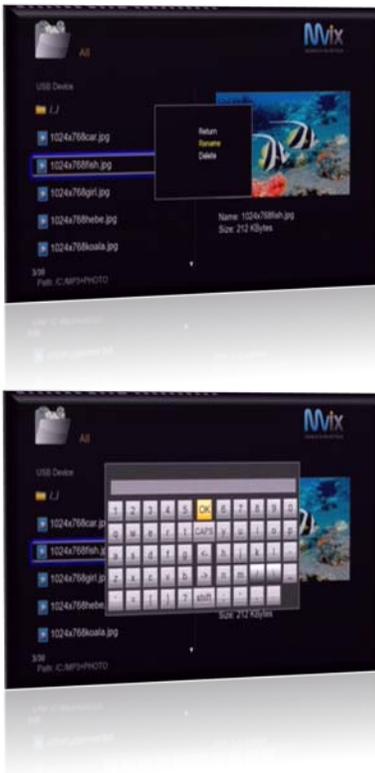
▶ Navigate to the media file that you wish to edit (Rename / Delete)
▶ Press "OPTION" on your remote and a small menu popup box is displayed.
▶ Choose options
  o Return: Return to Playback or Preview Mode
  o Rename: Rename File Name
  o Delete: Delete File from the storage location (USB or HDD)

▶ If you intend to Rename the file, choose Rename and press "OK"
▶ An On-Screen Keyboard is displayed for entering the new file name
▶ Enter the desired File name and choose OK (on the on-screen keyboard)

File Management Functions

Copying and Moving Media Files

One of the unique features of Mvix Ultio Pro is its unique capability of copying and moving media files across several storage devices. Mvix Ultio Pro is pre-equipped with a robust File Explorer interface which allows you to copy and move files from one storage device (say HDD) to another storage location (Shared Folder on a Networked PC).

▶ Using your remote, simply click the "COPY" button (located in the lower-half of the remote)
▶ The File explorer interface (similar to the one shown) on the left pops up.
▶ There are 2 columns on this interface. The Left column represents the source location of the file. The Right column represents the destination where you will like to copy/move the file.

▶ Using your remote, navigate to the left column and select the source of your file.
▶ With the source (HDD, USB etc.) highlighted, Press the right arrow on the remote to move to the Destination column and select where you want to copy / move your media file.
▶ Next, browse for media files on the source and SELECT the one you want to copy / move.
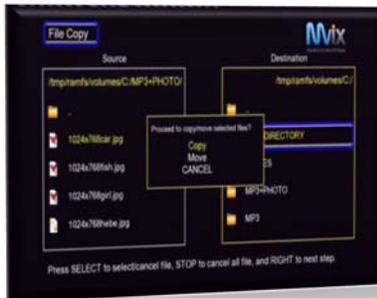
▶ Press the "Select" button on the remote to select media files. You can also select entire directories or multiple files in a single directory.
▶ Browse the destination - where you want to copy/move the media files. Press the RIGHT arrow button.
▶ An option to copy or move is provided. CAUTION: Moving files will remove them from the source.

Media Playback

Media Playback

Mvix Ultio Pro is a full-feature media center that allows you to browse and play music, photo and movie files stored on its internal Hard-disk drive, external USB device , or even from the Network .

Ultio Pro is equipped with the latest, state-of-the-art video decoding chipset which supports Full HD (1080p) video playback and navigation. It delivers spectacular picture quality of HD video and crystal clear sound clarity of digital audio via HDMI1.3 Video Out interface.

Movie viewing
- ▶ Simple Playback, Fast forward, Rewind, Pause and Zoom.
- ▶ View subtitles, reposition subtitles on the screen
- ▶ Create Video playlists
- ▶ DVD / ISO File Playback

Photo viewing
- ▶ Create custom slide shows with a variety of transitions and background music
- ▶ Zoom and Rotate Pictures

Music playback
- ▶ Fast forward, Rewind, Pause, and Repeat Music Playback

In order to enable easier file browsing, Mvix Ultio Pro is configured to display media files based on "type" (i.e. "Music", "Photo" and "Movie"). You can switch to any type by pressing "All", "Music", "Photo" and "Movies" using the four (color) buttons on the remote control.

Media Playback

Digital Video File / Movie Playback

Playing Movies and Videos on Mvix Ultio Pro is as simple as watching a movie using your DVD Player. Once you have the video or Movie accessible by Mvix Ultio Pro (i.e. on its internal HDD, on a USB-stick or a network share, it is easy to play it using a one button playback on your remote.

▶ Navigate to the Main Media Menu of Mvix Ultio Pro
▶ Navigate to the location of your media file (e.g Local HDD, USB Drive, Memory Card, External DVD etc).
▶ Using the arrow keys on your remote, navigate and select the files / folder(s) containing the preferred video / movie files.
▶ Once the movie/video file is selected (highlighted), its preview is shown on the right

▶ Press "OK" or Play on the remote control to Play the video or movie on full screen.
▶ Like a standard DVD player, you can Fast Forward (FF) or (FR) Rewind the Video Playback.
▶ Press MUTE on Remote to mute the audio, Press PAUSE to pause the video playback.

Playback with Subtitles

Ultio Pro also features supports video playback with subtitles. Subtitle file formats such as SSA, SMI, SRT and SUB are supported.
▶ Put the Video File and the Subtitle file in the same folder.
▶ Using the remote, Press "Subtitle" to select subtitle, and then select video file.
▶ Press "OK" to start movie play mode. When playing video, press "Subtitle" to toggle (show/hide) subtitles.
▶ During playback, you can use the arrow keys on your remote to adjust the size and position of subtitles on the TV screen. Use the UP/DOWN arrow keys to change the location of subtitles on the display screen. Use the LEFT / RIGHT arrow keys to change the size of text subtitles.

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Media Playback

DVD / ISO File Playback

Mvix Ultio Pro also supports the popular ISO file playback.

ISO files are (DVD) disk images and contain all the attributes and information from a standard disk. It is an exact clone or replica of a DVD, contained in a file. Making an ISO file is an excellent method for digitizing and archiving your entire DVD/movie collection.

ISO files are capable of archiving and restoring the entire DVD Menu structure – which may include Audio, Language and Subtitle Information. It also allows you to preserve the Chapter and Scene selection Menu.

> Note: Refer MvixUSA Support Center for help on "How to create an ISO file from a DVD"

Playing DVD-ISO files is exactly the same as playing any other video file on Mvix Ultio Pro.

- ▶ Navigate to the Main Menu of Mvix Ultio Pro

- ▶ Using the arrow keys on your remote, navigate and select the files / folder(s) containing the preferred ISO files.

- ▶ Once the file is highlighted, Press "OK" on the Remote to start file playback.

- ▶ If your ISO file contains the "Menu" structure of DVD, then the playback will start with that DVD Menu and allow you to select Chapters, Scenes, Audio or Language types etc.

- ▶ The playback of ISO files replicates a standard DVD playback in its entirety.

- ▶ During playback, you can Fast Forward, Rewind, Pause or Mute your playback as you would do on a standard DVD playback.

Media Playback

Digital Audio/Music File Playback

Ultio Pro supports nearly half-dozen audio file formats, making it a convenient and versatile music player. Playing Music and audio files on Mvix Ultio Pro is as simple as a simply stand-alone audio / mp3 player.

- ▶ Navigate to the Main Media Menu of Mvix Ultio Pro
- ▶ Navigate to the location of your media file (e.g Local HDD, USB Drive, Memory Card, External DVD etc).
- ▶ Using the arrow keys on your remote, navigate and select the files / folder(s) containing the preferred audio or music files.
- ▶ Once the music / audio file is selected (highlighted), a preview panel shows the music file's tag information (e.g. Artist information, Title, Album etc.)

- ▶ Press "OK" or Play on the remote control to Play the Audio or Music file.
- ▶ You can Fast Forward or Rewind the Audio Playback.
- ▶ Press MUTE on Remote to mute the audio, Press PAUSE to pause the playback.
- ▶ Use Volume button to increase/decrease volume output.

Repeat Mode
- ▶ During an audio or music file playback, Press the "Repeat" button on your remote to put the file in repeat mode.
- ▶ Toggle the "Repeat" button on the remote to place the entire folder in "Repeat" mode or to turn the mode off.

Media Playback

Digital Photo / Image File Playback

▶ Navigate to the Main Menu of Mvix Ultio Pro
▶ Navigate to the location of your media file (e.g Local HDD, USB Drive, Memory Card, External DVD etc).
▶ Using the arrow keys on your remote, navigate and select the files / folder(s) containing the preferred image files.
▶ Once the photo/image file is selected (highlighted), a preview panel shows the thumbnail of the photo along with its ID3 tag information (if available).

▶ Press "OK" or Play on the remote control to Play the Image or Photo file in full screen.
▶ You can Fast Forward or Rewind the Audio Playback.
▶ Use Zoom button to increase/decrease display size and toggle between Zoom IN / OUT.
▶ If the "Slideshow Timing" is activated in "Photo Setup Settings", then all subsequent photos in the folder will play sequentially like a Slideshow.

Slideshow Playback with Background Music

▶ While viewing a slideshow you can also have music playing in the background.
▶ There are three alternative ways:
   o *Direct Play* : Browse and play the music file that you would like to play as background music. Navigate to the folder containing Photos and press ENTER to start slideshow. (For Single Audio File Only)
   o *Folder Play*: Load all the Images and Music in one folder. Navigate to that folder, select the first file and press "OK" on the Remote. The Images will play sequentially with the music files playing simultaneously in the background.
   o *Playlist Play* : Create a playlist (refer "How to Create a Playlist" in this Guide) of your music files. Navigate to the folder containing Photos and press "OK" to start Slideshow. (For Multiple Audio Files)

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Media Playback

Playlist

Playlist allows you select a sequence of music, photo and video files stored on the HDD. You can configure any sequence of music, photos and video files to create a playlist.

NOTE: If partitioning your HDD, please ensure that the first partition on your HDD is a "primary partition". Playlist feature may not work optimally, if the first partition on the HDD is classified as "primary"

Creating Playlists

▶ Browse the media on your Mvix Ultio Pro or on your network.
▶ Using the remote, "Select" (ref: SELECT button on Remote) files that you would like to include in your playlist.
▶ Once a file is selected successfully, you will see a checkmark beside the files you have selected.
▶ You can select and add as many files the playlist at a time. Press "CONFIRM" on your remote and the files will be added to the playlist.
▶ Now, you can navigate to other folders to select more files and confirm the selection to add to the playlist.

▶ *Note: Playlists can only be created from files located on Ultio Pro's internal HDD.*

Playing Playlists

▶ Using your remote, select "Playlist" in the main menu of your Mvix Ultio Pro.
▶ With the Playlist file selected, press "OK" or PLAY on your remote. Ultio Pro will play the files in the playlist in sequential order.

Deleting files from Playlists

▶ Browse to the playlist and press the "SELECT" button on the remote.
▶ Navigate to the file you want to remove and press "CONFIRM" on the remote.
▶ Select other files accordingly to remove from playlist.

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Torrent Functions

Installing Bittorrent Module

Bittorrent is a protocol allowing you to download large files quickly by enabling people downloading the file to upload (distribute) parts of it at the same time. BitTorrent is often used for distribution of very large popular files, that are available for free, as it is a lot cheaper, faster and more efficient to distribute files using this protocol. There is a community of over 160million users worldwide who adopt this protocol.

Bittorrent functionality is provided as an optional feature for Mvix Ultio Pro. The files required for this module are not installed on Ultio Pro by default. The optional package can be downloaded from MvixUSA Support Center

Installation of BitTorrent Module

Download the optional firmware from MvixUSA Support Center

> http://support.mvixusa.com

- ▶ Unzip the package and transfer the FOUR files (.ipk) to a root directory of a USB drive.
- ▶ Ensure that the USB drive does not contain ANY other files (other than these 4 files).
- ▶ Plug the USB drive into the USB-host port of your Mvix Ultio Pro.
- ▶ Navigate to Mvix Ultio Pro SETUP section. Click "System".
- ▶ Scroll down to "BT/Samba Info", press "OK"
- ▶ Install both, BTPD and UNICGI.

- ▶ Once these have been installed, RUN these services (refer on-screen instructions).

Please refer to our Support Center for updates on new versions and installation procedures

Caution: It is illegal to download something that is being distributed without the owner's permission. This covers most music, film, movies, and programs for a computer. Also remember that P2P type file sharing program (like the one available on Mvix Ultio Pro) can cause you to accidentally download viruses and malware. Use this Torrent Module at your own risk. Mvix Ultio Pro or any of its accessories must not be used for any unauthorized functionalities or for downloading, distributing any other works protected by copyright. No license to infringe copyright is granted by the sale or use of this equipment.

Torrent Functions

Using Torrent Functionality

Accessing the Torrent interface

Mvix Ultio Pro features a web-based torrent client and administrative interface.
To access this interface, simply enter the local IP Address of the Ultio Pro in your preferred browser (e.g. 192.168.xx.xx)

Note: Default username and password are:
    Username: admin
    Password: 123

Account Management

Upon successful login, click on the Account Management tab.

Account management allows you to change the administrative login password to access the Torrent client.

Visit Neighbor

Click on the Visit Neighbor tab to review the status of theTorrent client, System and Storage that is installed / connected to your Mvix Ultio Pro

Torrent Functions

Using Torrent Functionality

BitTorrent Download

This page illustrates the status of all Torrent downloads.

Start : Starts a just added or previously stopped torrent
Stop : Stops the selected torrents
Delete : Deletes the selected torrents
Down Arrow : Moves the selected torrent down in priority
Up Arrow : Moves the selected torrent up in priority
Settings : Torrent Module settings page
Add new torrent : Add a new torrent file for download

Settings Menu

*Rate (*Max download rate) : Sets the maximum download speed (in kilobytes / second, 0 = no limit, default = 0)
Max upload (Maximum upload speed,): Sets the maximum upload (in kilobytes / second, 0 = no limit, default = 20)
*Seed Setting* (Seeding Time) : Amount of time you want to seed/upload after you have acquired / downloaded the torrent file (0 = disable uploading, default 24 hours)
Delete torrent automatically: Once the file has downloaded, the torrent file (".torrent") will be deleted. (Default = No)

Simultaneous Setting
Simultaneous downloads : Max amount of downloads to run at a simultaneously (default = 4)

Click "Save Setting" to confirm your settings changes
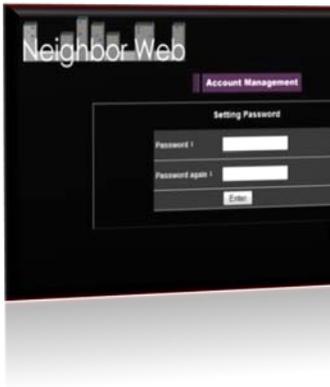
Adding a New Torrent

Browse for a torrent file (".torrent") that is located on your PC.

YES : Confirms and adds (uploads) the torrent file (".torrent").

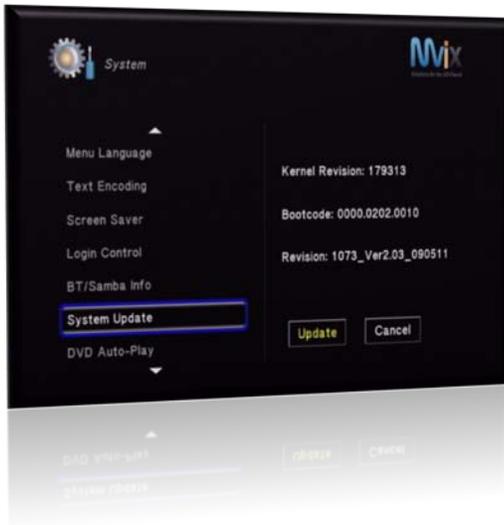*NO* : Cancels Upload of Torrent file and Returns you to the BitTorrent download page

Updating Ultio Pro

Firmware Upgrade

New Firmware upgrades are launched from time-to-time which add new features/functionalities to Mvix Ultio Pro and also eliminate any known bugs.

Firmware updates for Mvix Ultio Pro are available at http://support.mvixusa.com

▶ Download the Mvix Ultio Pro's firmware update from the MvixUSA Support Center (http://support.mvixusa.com)

▶ Firmware update files from Support Center are generally compressed into a ZIP file. Unzip these files.

▶ Transfer these files to a blank USB drive. Do NOT put these files in any FOLDER.

▶ *Ensure that you have copied ALL files related to firmware update.*

▶ *Caution: Do NOT install firmware over the network!*

▶ On your Mvix Ultio Pro, go to the main menu and select "Setup" and then select "System"

▶ In System settings, Scroll down to "System Update" and press "OK"

▶ Firmware Upgrade process will start.

▶ Reboot the player AFTER the upgrade is completed. *Full reboot requires unplugging power cable.*

Caution: Do NOT power off the Media Player during Firmware Upgrade Process.

Contact MvixUSA Support Center for troubleshooting tips if Firmware Upgrade Fails or Looses Power

Troubleshooting

Maintenance notice

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

▶ Power input AC100~240V, Output DC 12V/3A. Using power of any other specification may damage the device beyond repair.

▶ Under normal working status, power adapter will be warm. Keep the Mvix Ultio Pro and its power adapter in well ventilated area. Do not put the device in bed, sofa, or similar area with sub-optimal cooling effect.

▶ Do NOT place anything on top of Mvix Ultio Pro. Objects placed on top may cause operational interference with the device.

▶ Do not try to repair the unit yourself by opening its electronic components. Observe Precaution when handling Electrostatic Sensitive Devices.

▶ If the power cable is broken or stripped or if the device comes in contact with any liquid, it is strongly advised to power down the device and remove the power cable immediately.

▶ Always disconnect power cable when rebooting your media player.

Firmware Upgrade Failure Recovery Process

▶ Shut down the Player and *Remove the power cable* from Mvix Ultio Pro.

▶ Download a fresh copy of the latest firmware to USB drive, and connect the USB drive to the player.

▶ Press Power button (on Mvix Ultio Pro), at the same time insert the power cable at back. (Note: Please press power button for 10 seconds before plugging in the power cable.

▶ Always use COMPOSITE VIDEO OUTPUT during firmware upgrade and failure recovery

Troubleshooting

Frequent Asked Questions

▶ Mvix output is B&W!? I cannot view any picture in Color?

This is a common problem associated with the Television Broadcast Standards compatibility. You would notice B&W pictures or video, If your TV runs on PAL and the AV channel is running on NTSC, or vice-versa. To troubleshoot, go to the setup menu and change the AV Channel to the same system as that of your TV.

▶ My Mvix says 'File format not supported'? Is it defective??

If the Mvix player fails to play a certain media file, one of the following is a likely cause:
- Media Format is not supported by Mvix Player.
- Please check Mvix specifications
- Your Media file is corrupted or has a non-standard structure.
- Your Media file is not encoded properly
- Mvix Player is defective.

In order to test the functionality of your Mvix player, simply download the MEDIA TEST FILES from our website. Navigate to play and ensure that your player decodes these files completely and that you are able to view these videos. If your Mvix player is able to play these files, then your player is not defective. Please check your source video files to eliminate any inconsistency in their encoding.

▶ I accidentally changed my video output settings and now I cant see anything on TV?

Simply use the following steps to change your Video output Settings on your Mvix player.
- Power On your TV and set the channel to the video input connected to Mvix player.
- Power on your Mvix player. Wait for 10 seconds.
- Press TVOUT button on your Mvix remote to change the Video Output options (Component, NTSC, HDMI, etc.)
- Continue to change the options till you see a video / image on the TV screen. Remember to wait a few seconds between each change.
- If this does not work, you will need to perform a firmware upgrade on your Mvix. Pls. contact our Technical Support Center for details.

▶ As the Mvix starts up, the TV screen flashes, has blue screen or reverts to screensaver? Is this normal?

Yes, This is normal. As the Mvix system initializes, it will setup corresponding parameters so it can output the correct video signal to the TV, during the initializing stage, the TV will receive transient signals or the signals which are incomplete and will cause the TV screen to flash. Some TVs will treat it as no signal, and will display a blue screen or screensaver.

GPL Code Availability

Notice of Free & Open Source Software Licenses and Source Code

The firmware included with Mvix Ultio Pro contains programs licensed under various free and open source software licenses, which give users the right to freely copy, modify, and distribute the programs. The free and open source licenses which apply to software on this device are:

Linux Kernel	http://www.kernel.org
uClibc	http://www.uclibc.org
tinyxml	http://tinyxpath.sourceforge.net
udftools	http://linux-udf.sourceforge.net
ntfsprogs	http://sourceforge.net/projects/linux-ntfs
busybox	http://www.busybox.net/
diethotplug	http://linux-hotplug.sourceforge.net
lrzsz	http://www.ohse.de/uwe/software/lrzsz.html
dosfstools	
wireless_tools	http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html
bridge-utils	http://linux-net.osdl.org/index.php/Bridge
tcpdump	http://www.tcpdump.org
libpcap	http://www.tcpdump.org
iperf	http://sourceforge.net/projects/iperf
yaffs2	http://www.yaffs.net
mtd	http://www.linux-mtd.infradead.org
gdb	http://www.gnu.org/software/gdb
freetype	http://download.savannah.gnu.org/releases/freetype
jpeg-6b	http://www.ijg.org
neon Http client	http://www.webdav.org/neon
libpng	http://www.libpng.org
miniupnpc	http://miniupnp.free.fr
SubtitleParser	
zlib	http://www.zlib.org
ebase database	http://sourceforge.net/projects/ebase
mplib	http://sourceforge.net/projects/mplib
qDecoder	http://www.qdecoder.org
samba	http://samba.org
sqlite	http://www.sqlite.org
upnp	http://software.intel.com/
wpa_supplicant	http://hostap.epitest.fi/wpa_supplicant/

Some licenses, such as the GNU General Public License (GPL), require us to provide the source code for certain programs to users who request it. For the convenience of our users, we have chosen to provide the source code for all free and open source programs on the Mvix Ultio Pro at the following address:
www.mvixusa.com/support

In addition, you may contact us to request a CD containing the source code for the free and open source programs on the product, for a charge no more than our cost of physically providing it:

> Mvix(USA), Inc.
> 4229 Lafayette Center Dr., Suite 1700
> Chantilly, VA 20151 (USA)
> Fax: 866.614.3880

Warranty

The Mvix Ultio Pro MX-800HD 1080p UPnP Media Player comes with a full 1-yr manufacturer's warranty on parts and labor. The Warranty coverage on this player begins the day you buy your product. This warranty covers defects in manufacturing only, and expressly excludes coverage for excessive wear and tear, physical or accidental abuse, loss and theft. Kindly contact your local distributor for the warranty and service procedures. Warranty service is available in all countries where the product is officially distributed. The warranty covers any service or exchange required for a defective unit during the coverage period. The service / exchange opportunity ends one year after the date of purchase. The replacement product is covered only for the warranty period of the original product. When the warranty on the original product expires, the warranty on all replaced products also expires. When it is necessary for you to ship the product to distributor / service center for service / exchange, you will pay the shipping costs for shipment to the distributor. The distributor will pay the shipping costs when returning the product to you.

To receive warranty service, please be sure to have your proof of purchase and a barcode from the product's packaging. Warranty requests cannot be processed without proof of purchase. In no event shall MvixUSA's (or its distributors') liability exceed the price paid for the product from direct, indirect, special, incidental, or consequential damages resulting from the use of the product, its software, or its documentation.

MvixUSA does not offer refunds for any product. As a part of our warranty service, we offer to repair or replace the product. We offer cross shipments, a faster process for processing and receiving your replacement. MvixUSA and its distributor pay for ground shipping only. Please contact MvixUSA's Distributor in your country for more details.

Specifically, your warranty does not cover the following:
- Shipping charges to return defective product.
- Labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of systems outside of the product.
- Product repair and/or part replacement because of improper installation, connections to improper voltage supply, abuse, neglect, misuse, accident, unauthorized repair or other cause not within our control.
- Damage occurring to product during shipping when improperly packaged or cost associated with packaging.
- Incidental or consequential damages resulting from the product.

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Please record below the model and serial numbers found on the product.

MODEL #   _____

SERIAL #   _____

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Use of Mvix Players, its accessories and software/firmware for illegal purposes is strictly prohibited.

Glossary

Aspect Ratio	Used to describe the distribution of pixels in a digital image. Increasing the aspect ratio of an image lowers the efficiency of the use of the pixels. The image will have less detail than an image with the same amount of pixels, but with a lower aspect ratio.
Bandwidth	The range of signal frequencies that a piece of audio or video equipment can encode or decode; the difference between the limiting frequencies of a continuous frequency band. Video uses higher frequency that audio, this requires a higher bandwidth
Composite Video	A picture signal combined with synchronization and (possibly) color information. It is a composite of three source signals called Y, U and V (together referred to as YUV).
Digital Rights Management (DRM)	Technology used by publishers to control access to and usage of hardware and digital data, such as software, music and movies.
Divx®	Created by Divx® Inc., a video codec that is able to compress large video segments into smaller sizes while maintaining a high visual quality.
Dolby Digital®	Audio compression technology developed by Dolby laboratories. The technology contains up to 6 channels of sound, five channels for normal range speakers, which include Right front, Center, Left Front, Right Rear and Left Rear, as well as one channel for the subwoofer. Mono and Stereo usages are also supported by this format.
HDMI	HDMI (High-Definition Multimedia Interface) is a compact audio/video interface for transmitting uncompressed digital data. It connects digital audio/video sources such as set-top boxes, Blu-ray Disc players, personal computers (PCs), game consoles to compatible digital AV devices such as monitors, LCDs, Plasmas, or High Definition Projectors.
ISO	An ISO image is an archive file (also known as a disk image) of an optical disc in a format defined by the International Organization for Standardization (ISO). Nomrally, ISO image includes all the data of files contained on the archived CD/DVD in an uncompressed format. In addition to data of the files it also contains all the file system structures, and attributes, allowing Mvix to playback these files as if you are playing a regular CD or DVD.
UPnP	Universal Plug and Play (UPnP) is a set of networking protocols that allow devices to connect seamlessly over the network. The UPnP protocol simplifies the implementation of networks in the home (data sharing, communications, and entertainment). This feature allows Mvix to seamlessly connect to your home PCs and servers and enabling browsing experience (via Playon service) to common video portals such as hulu.com, youtube.com, dailymotion.com, Netflix etc.

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