



High Definition IP Set-Top Box

ITB-3001

User's manual

Version 1.0.0

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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 FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio technician for help.

FCC Caution

To assure continued compliance (example-use only shielded interface cables when connecting to computer or peripheral devices). Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this Device must accept any interference received, including interference that may cause undesired operation.

Federal Communication Commission (FCC) Radiation Exposure Statement

This equipment complies with FCC radiation exposure set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm (8 inches) during normal operation.

R&TTE Compliance Statement

This equipment complies with all the requirements of DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL OF 9 March 1999 on radio equipment and telecommunication terminal Equipment and the mutual recognition of their conformity (R&TTE)

The R&TTE Directive repeals and replaces in the directive 98/13/EEC (Telecommunications Terminal Equipment and Satellite Earth Station Equipment) As of April 8, 2000.

WEEE Regulation



To avoid the potential effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment, end users of electrical and electronic equipment should understand the meaning of the crossed-out wheeled bin symbol. Do not dispose of WEEE as unsorted municipal waste and have to collect such WEEE separately.

Safety

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All

guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

Revision

User's Manual for High Definition IP Set-Top Box

Model: ITB-3001

Rev: 1.0 (Feb. 2010)

Part No. EM-ITB3001v1

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CHAPTER 1 INTRODUCTION

High Definition IP Set Top Box ITB-3001 is PLANET's latest IP STB that supports videos up to High Definition (HD) 1080P formats. With the next generation multimedia streaming technology, home users can enjoy high quality videos entertainment without having to go to video rental stores or even use Pay-Per-View.

The ITB-3001 offers DLNA / UPnP AV services, based on MPEG-4/H.264/DTS compression technology to reach wider audience or achieve higher density of service that thus increases bandwidth efficiency. The IP STB allows the users to enjoy IP multicast video and home networking service.

IP Set-top Box is advanced customer premises equipment (CPE) device for delivering streaming video, audio, and IPTV directly from Internet to Teclos subscribers. The ITB-3001 is designed to meet service provider's deployment requirements for IP-based multimedia service delivery and it is easy to be installed even by subscribers. Once the UPnP connection is set up, you can huddle on the sofa using supplied remote control to search and enjoy your favorite IPTV, Video, and Music in your home networking.

The PLANET IP Set-Top Box guarantees the best multimedia experience for its users with the advanced features such as real RMVB and DivX. In addition to its super analog video and audio outputs, the ITB-3001 also provides HDMI component outputs and Dolby digital to enable the users to enjoy high definition video.

1.1 Feature

- Dolby Digital, DTS Compliant
- UPnP AV, DLNA AV Compliant
- Multicast IPTV & Video-on-Demand (VoD)
- Broadcast TV & Time-Shift TV
- Integrated HDMI & Full HD (1080P) TV
- Electronic Program Guide and Digital rights management
- User-friendly Graphical On-Screen Menu
- Supports Multiple file formats

- Built-In BitTorrent download engine and Internet Media such as RM/RMVB, DivX, etc

1.2 Package Contents

- ITB-3001 Unit x 1
- Quick Installation Guide x 1
- CD-ROM x 1 (Include Quick Guide and User Manual)
- Remote Controller x 1
- Battery (AAA) x 2
- Power Adapter x 1
- RJ-45 Cable x 1
- AV Cable (RCA) x 1



1.3 Physical Details

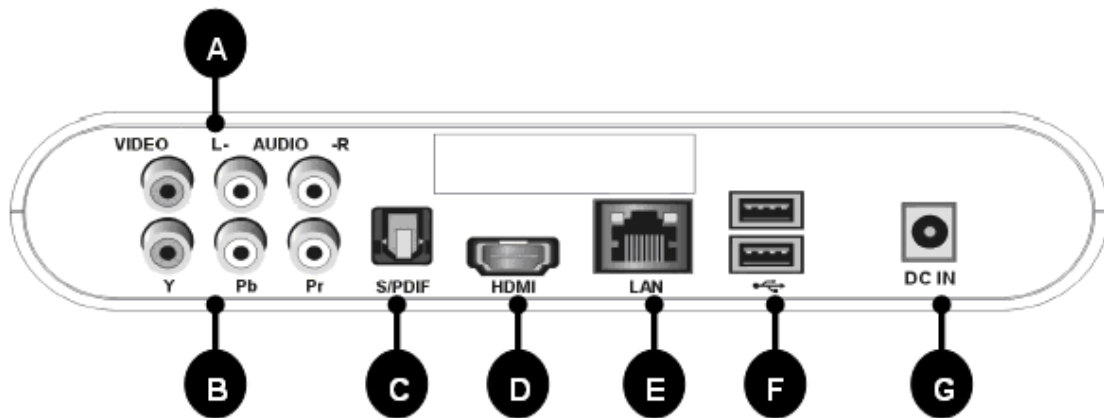
Top Panel



Front Panel



Rear Panel

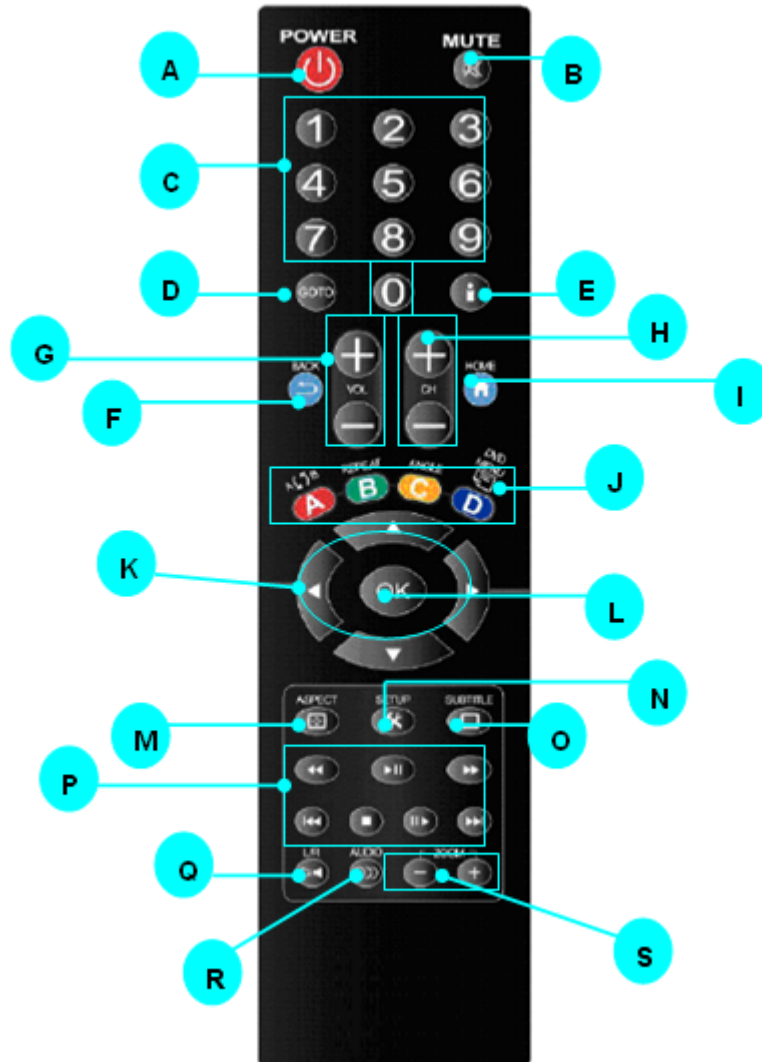


Rear Panel Port and Button Definition




No.	Connector	Description
A	Audio L-/R-VIDEO	Use AV cable to connect to the VIDEO IN/ AUDIO L/R IN jacks on the TV sets or Home Entertainment systems in your home in your home by using VIDEO (Yellow)/AUDIO L (White)/R (Red) cables.
B	Y/Pb/Pr	Connect to a Y/Pb/Pr-compatible display using three video (Y/Pb/Pr) and two audio jacks (AUDIOL/R), through a component video cable with green, blue, and red connectors.
C	S-PDIF	Using an optical digital audio (also called S/PDIF) cable to connect to S-PDIF port of the TV sets or Home Entertainment systems in your home.
D	HDMI	Connects to the HDMI jack on the display, a single cable transmits both audio and video data.
E	LAN	Connects to the Ethernet cable with RJ-45 Ethernet connector.
F	USB	Plug the supported USB devices into USB ports, such as USB hard drives, cameras, and camcorders dongles.

















G	DC IN	Connects to the DC power adapter.
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



Remote Controller



Keypad Definition

No.	Connector	Description
A		POWER Turn on/ off system
B		MUTE Mute/ Resume audio
C		NUMERS 0-9 number keys for selecting desired options.

D		GOTO	Video/movie chapter selection.
E		INFO	Display the information of media files while in play mode.
F		BACK	Return to the previous display.
G		VOL	Volume up (0-28), default is 16; Volume down (0-28), default is 16.
H		CANNEL	Channel up/Channel down.
I		HOME	Hot key to the main OSD menu.
J		REPEAT A-B	Press once to mark desired repeat point A, press again to mark desired repeat point B, and press yet again to turn this feature off.
		REPEAT	Enable/disable repeat of file playback.
		ANGLE	Switch DVD display angles.
		DVD MENU	Show DVD Menu.
K		Navigate Buttons	Navigate through menu screen or media libraries.
			
L		OK	Confirm or select.
M		ASPECT	Pan Scan 4:3 /Letter Box 4:3 / Wide Screen16:9/ Full Screen.
N		SETUP	Enter setup menu.
O		SUBTITLE	Switch subtitle files.
P		PREV / NEXT	Media Scan Backward/Forward during audio/video playback. Supports the following speeds: 1x, 1.5x, 2x, 4x, 8x, 16x, 32x.

		PLAY/PAUSE	Play media / Pause media.
		PREV	Media Skip Previous.
		NEXT	Media Skip Next.
		STOP	Stop playback and return to the previous Screen.
		SLOW MOTION	Slow motion through video playback. Supports the following speeds: 1x, 3/4x, 1/2x, 1/4x, 1/8x, 1/16x.
Q		L/R	Switch Left/Right speaker.
R		AUDIO	Switch audio outputs.
S		ZOOM	Enlarge image on video mode (, 2x, 3x, 4x, 8x). Reduce image on video mode (4/5x, 3/4x, 2/3x, 1/2x). Enlarge image on photo mode (Fit, 2x, 4x, 8x, 16x)

CHAPTER 2 INSTALLATION

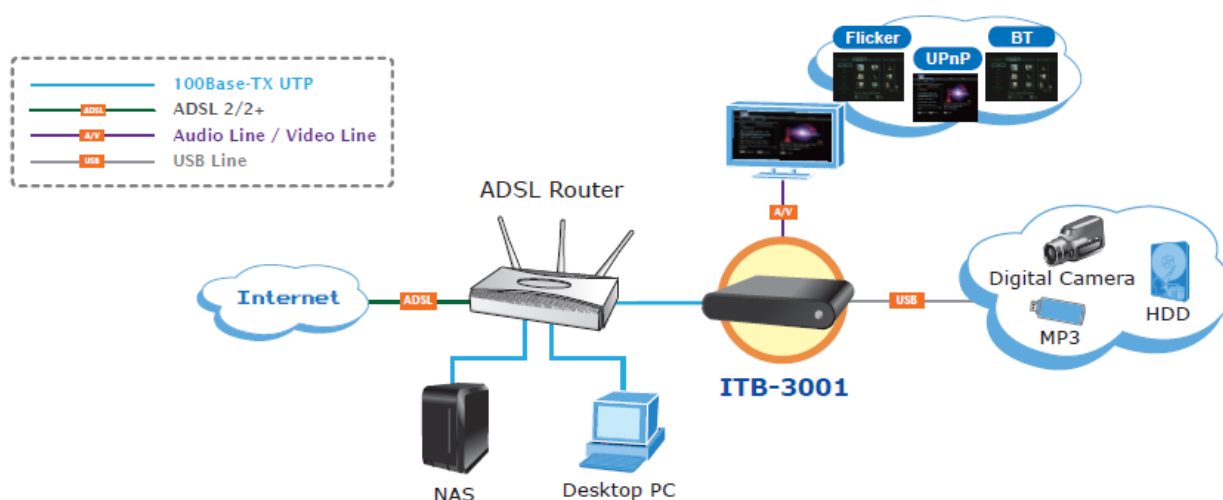
This chapter offers information about installing your IP Set-Top Box. If you are not familiar with the hardware or software parameters presented here, please consult your service provider for the values needed.

2.1 Getting Start

This chapter shows you how to configure these steps to connect ITB-3001, and the following figure is the Rear Panel of IP Set-Top Box.

Connection Diagram

Following is a connection example with network and UPnP devices.

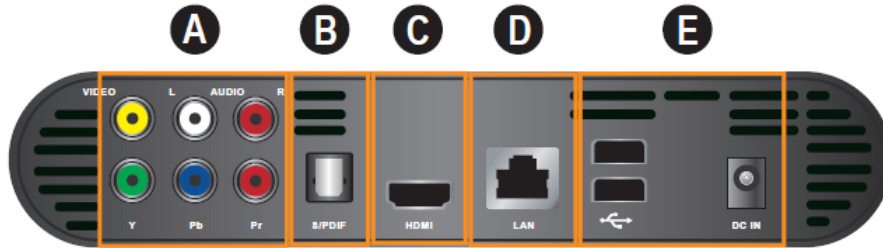


Match the cables to the connections on your TV or display. Your choices of connection include:

Cable	Description
HDMI	For both audio and video output
Composite (AV)	For composite video (yellow) and stereo audio (white and red)
Y/Pb/Pr (RGB)	For component video output
S/PDIF	For audio output

Make sure you have the appropriate cables for connecting. Take care to watch the colors of the plugs on the cable.

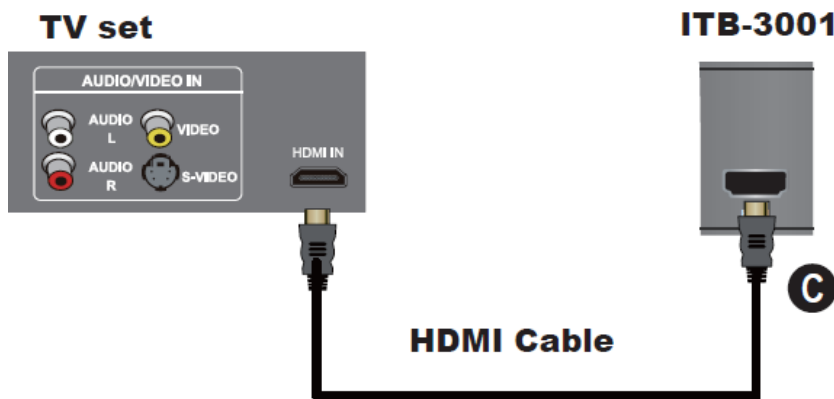
Step1: REAR PANEL-IDENTIFY CONNECTOR LOCATION



Step2: TO SELECT VIDEO OUTPUT BY HDMI, OR AV CABLE



2-1. Connect via HDMI

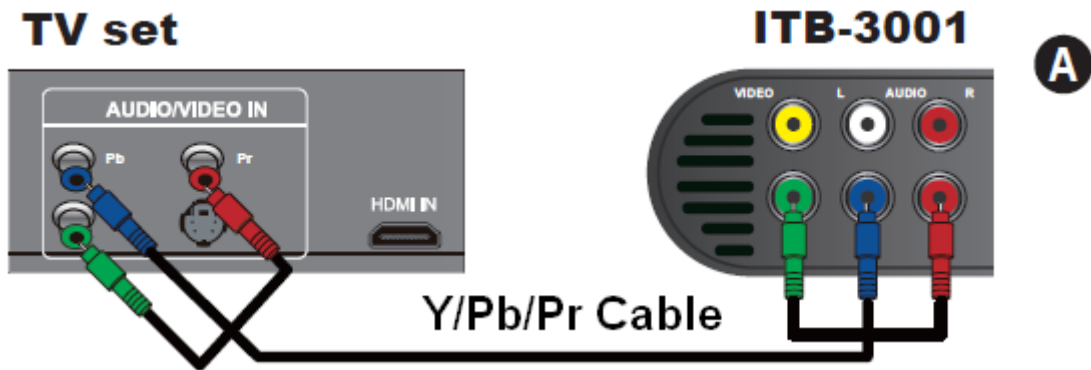


Note

HDMI cable is not bundle in the package

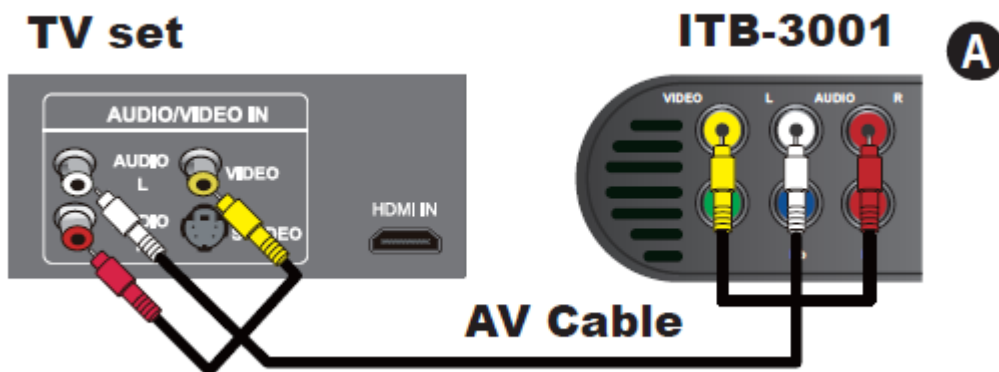
2-2. Connect via Y/Pb/Pr or Composite Video cable (with Audio cable)

2-2-1. Connect via Y/Pb/Pr cable



Note Y/Pb/Pr cable is not bundle in the package

2-2-2. Connect via AV cable



Note RCA Audio is also available for audio output

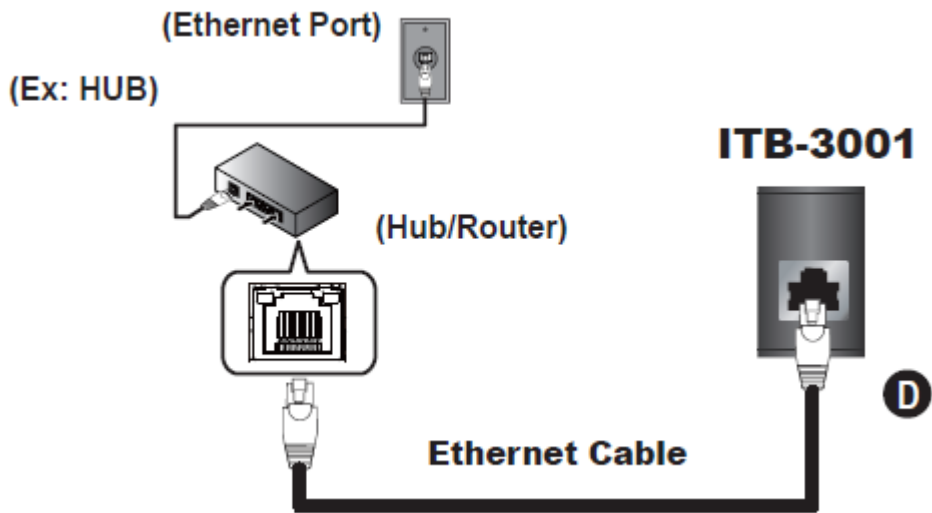
2-2-3. Connect via S/PDIF cable



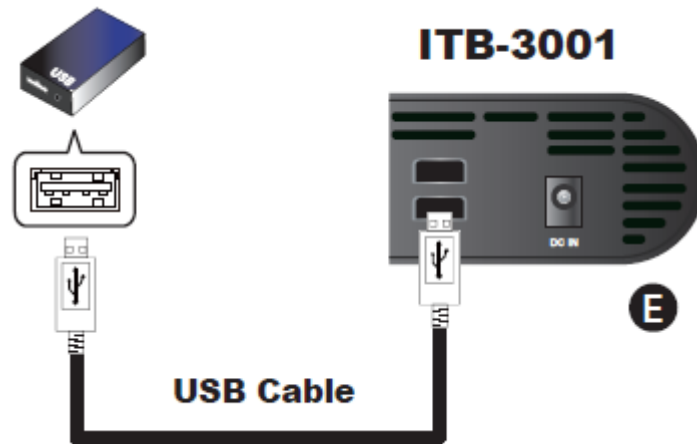
Note

S/PDIF (Sony/Philips Digital Interconnect Format and it is not bundle in the package

Step3: CONNECT ETHERNET CONNECTOR



Step4: CONNECT USB DEVICES IF AVAILABLE



Note The USB cable is not bundle in the package

Step5: CONNECT POWER ADAPTER



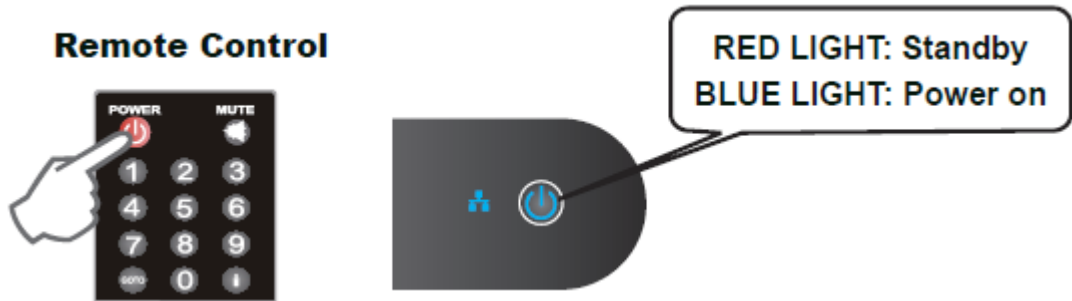
Step6: INSTALL BATTERIES IN REMOTE CONTROL



Step7: TURN ON THE ITB-3001

1. When DC power applied, the red LED light indicates standby mode.

2. To turn on the device, press Power button.
3. The blue LED light indicates Power on.



CHAPTER 3 CONFIGURAITON

3.1 Wired Network Setup

Network Connections: needed only when using "PC Media", "Download Media" and "YouTube TV" features.





If your wired network equipment such as the IP Sharing router or AP (Access Point), uses DHCP to assign IP address, by default the ITB-3001 will automatically request the IP and other related information to set up ITB-3001 over the network in DHCP mode (under **Setup**> **Network** >**Wired**).

If your network does not have DHCP server, switch to the Static IP mode (under **Setup**> **Network** >**Wired**) and set up various parameters manually.


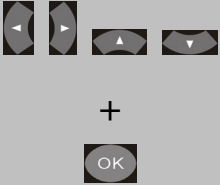
3.1.1 DHCP



Button	Description
	<p>Step 1: To access "Setup" on the main menu. Select "Network".</p> <p>Step 2: Select "Wired" on the Network menu. Select "DHCP".</p>
	<p>Step 3: Select Yes to implement DHCP network setting. ITB-3001 will automatically receive its IP address from a DHCP sever that is built into the access point or IP sharing router.</p>

3.1.2 Static IP



Button	Description
	<p>Step 1: Select "Wired" on the Network menu. Select "Static IP".</p>
	<p>Step 2: Input the value IP Address, Subnet mask, Gateway, and DNS text box respectively.</p>

Note

Please acquire information of these setting values from your ISP (Internet Service Provider) first.

3.2 File Sharing Configuration

To activate this feature, please make sure:

- The ITB-3001 is connected to the network;
- The network is properly set up. For more information on this part, please refer to "Step 2" in "Setting up ITB-3001" section, and "Network" under "Setup Menu".

To allow the ITB-3001 to access folders on your computer, you need:

- 1) ITB-3001 already connected to the network
- 2) To designate the folders/files on your PC as shared resources.

Please refer to Microsoft's official website:

<http://www.microsoft.com/windowsxp/using/networking/setup/homenet.msp> to see the initial and detailed process of Home Network Setup in Windows XP. Please refer to the following instructions to allow the ITB-3001 to access the shared folders on the remote PC.

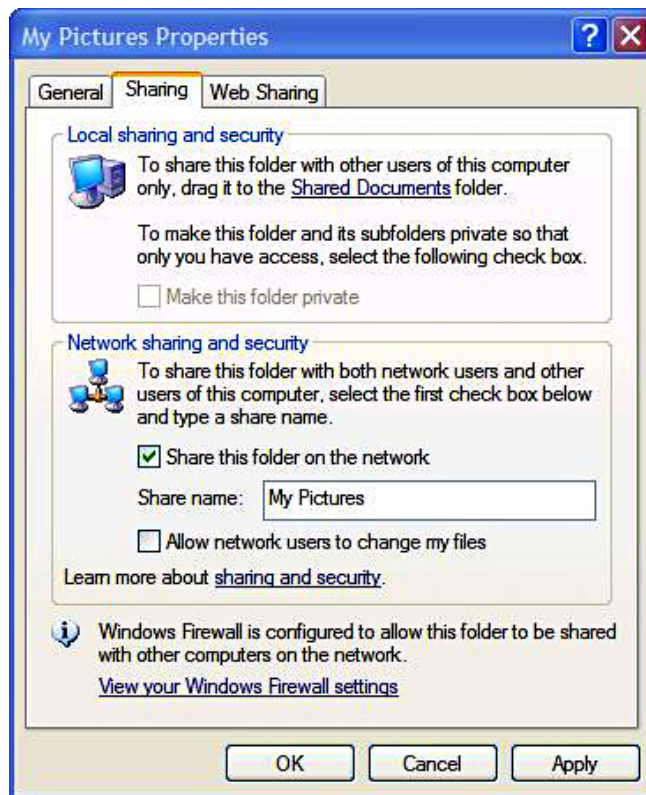
Step1: Right click on the folder to be shared and select **Sharing and Security**.

Step2: If this is the first time you intend to share a folder, Windows XP will prompt a warning message, urging you to use the Network Setup Wizard for safety purpose. Choose to either run the Wizard or do it yourself. XP will display another warning. If you want the firewall enabled, select **Use the wizard to enable file sharing**. Otherwise, select **enable file sharing**.

 **Note**

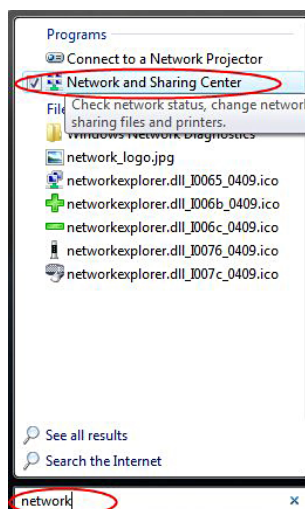
File sharing may lead to security problems since, by definition, it gives other users access to the content of a part of the hard drive. As a result, it is essential that you share only folders for which it would not be extremely important if their contents are revealed.

Step 3: You may now specify a “**Share Name**”, which will be used for users on the network to access the shared folder. The icon of the shared folder will be changed to showing a hand holding the folder.

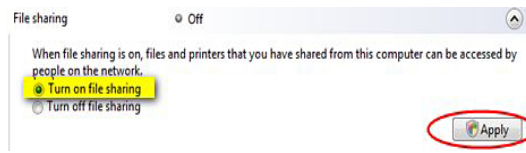


If your operating system is Windows Vista, please refer to the following instructions:

1. Open the **Control Panel** and then open **Network and Sharing Center**.
2. Click the **down arrow** to the **right** of **File Sharing** to expand it.

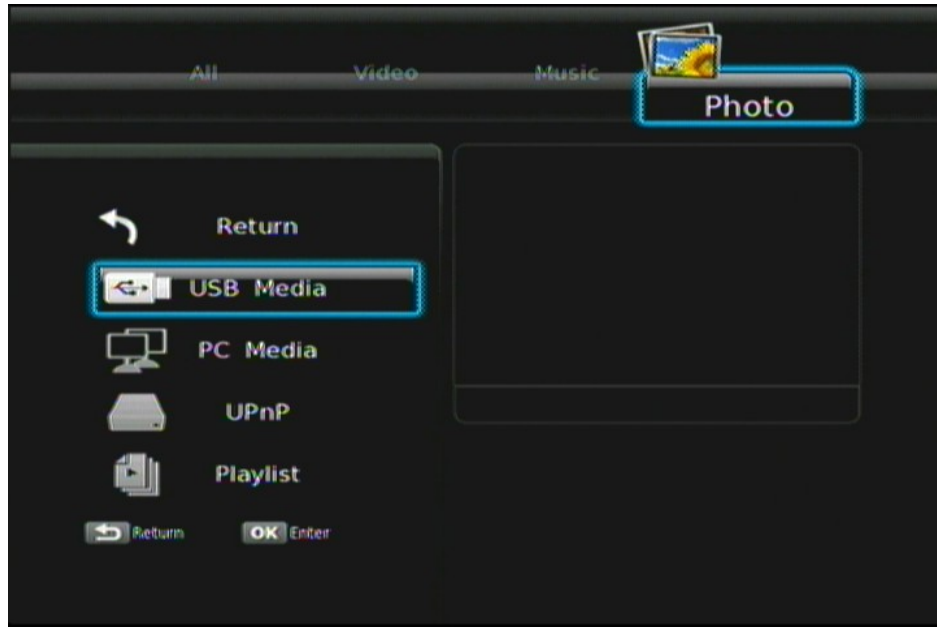


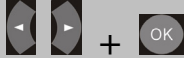






3. Click **Turn on file sharing** and then click **Apply**.



You may also refer to **Setup** menu on the OSD screen of ITB-3001 to select wired connection.

CHAPTER 4 PLAY MEDIA



Button	Description
 + 	Enter OSD Menu > Play Media
 + 	Under Play Media , select the media source from USB Device/ PCs/ UPnP/ Playlist.
 + 	Open your selected folders. There will a folder/file list on the left.
	Play the selected video/music/photo file.

4.1 USB Media

ITB-3001 searches and plays all available images, music and video files on the external device with USB interface automatically.

4.2 PC Media

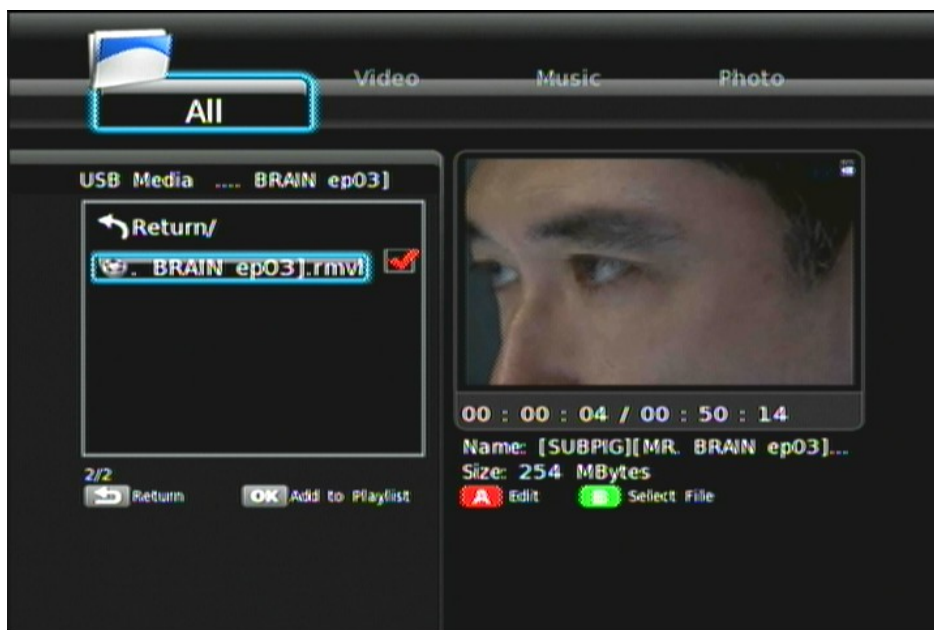
Connect ITB-3001 to your PC using a USB 2.0 cable. By connecting your PC in the Local Area Network, you can play the media files from the remote PCs. Please confirm the network settings and sharing files setup have been finished successfully. (See Chapter 3 for more information.)




4.3 UPnP

UPnP (Universal Plug and Play) allows you to connect UPnP-enabled devices (available on the network) and share their content with the media player. When you enter UPnP application, ITB-3001 will automatically detect the PCs inside LAN. Please make sure that your PC supports Windows Media Player Version 11 and higher. Due to compatibility issue, some PCs may not be able to support UPnP.

4.4 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.

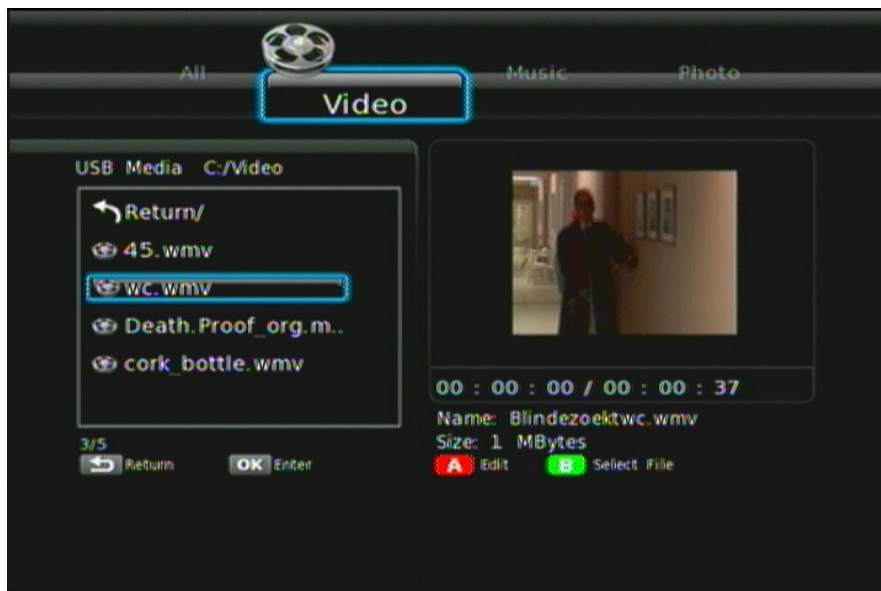








Button	Description
 + 	Add to Playlist
	Edit

Note

For the files added to the playlist, ITB-3001 will separate the media files by video/music/photo tags.















4.5 Video Playback



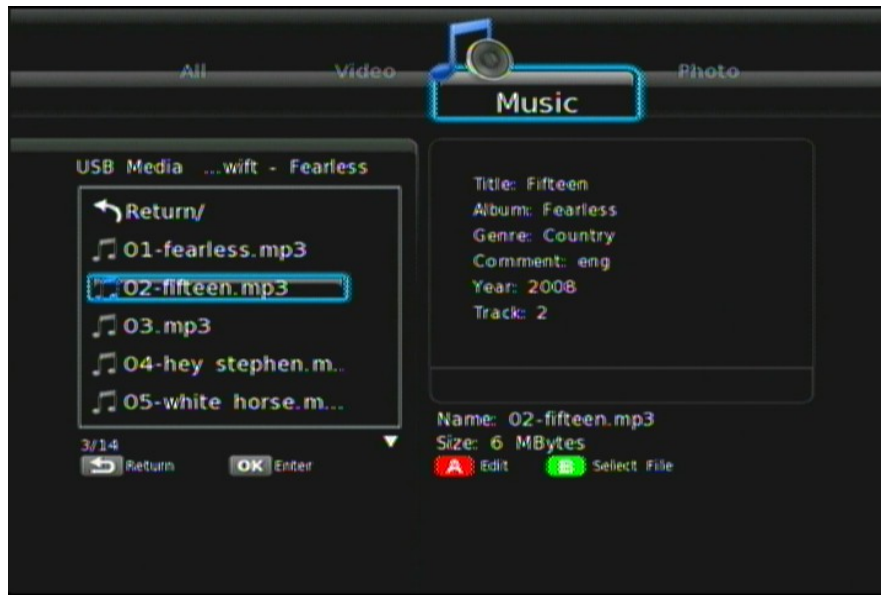
Button	Description
	Enter Play Media > Video Playback.
	Navigate the media file you want to play. The preview window will show the highlighted video.
	Edit
 + 	Add to Playlist
	Back

	Full screen mode.
---	-------------------



4.5.1 Full Screen Mode


Button	Description
	Play/pause selected file.
	Rewind/Forward
	Slow motion.
	Return to previous file.
	Go to next file.
 Zoom	Zoom in/out on photos or movies.
 Volume	Increase/decrease the volume.
 Mute	Mute the sound.
 GOTO	Video/movie chapter selection.
 Subtitles	Switch subtitle files.
 Info	Display the infor of media files in play mode.
 Audio	Switch audio outputs.
 L/R	Enable/disable Left/Right speaker.
	Stop playback and leave full screen mode.

4.6 Music Playback

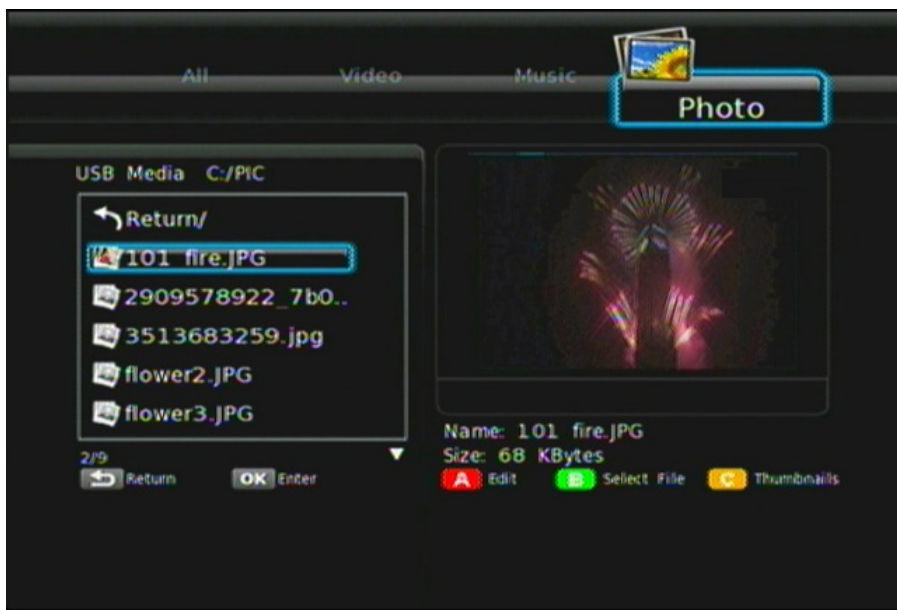










Button	Description
	Enter Play Media > Music Playback
	Navigate the media file you want to play. The preview window will show the file details of highlighted file.
Edit	Rename /Delete file.
Add to Playlist	Add selected file to Playlist.
Back	Back to previous display.
	Play selected file.
	Play/pause selected file.
	Fast forward.
	Rewind.
	Previous file.
	Next file.
Volume	Increase/decrease the volume.
Mute	Mute the sound.

	Info	Display the info of media files in play mode.
		Stop playback and return to the previous display

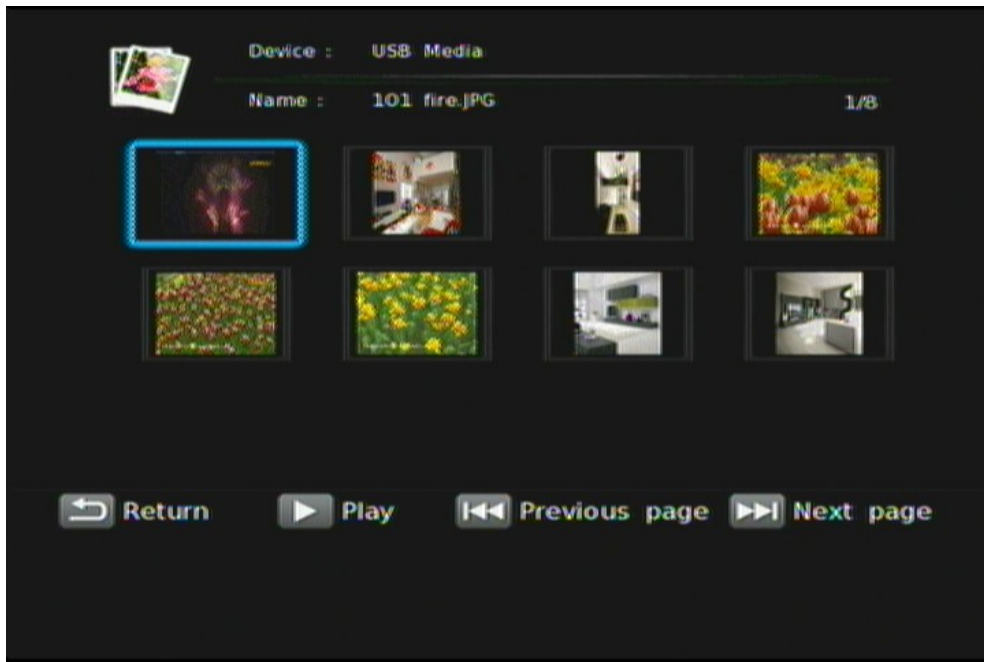
PS Music will continue playing as background music when you leave MUSIC PLAYBACK menu. Press  to stop playing.

4.7 Photo Playback



Button	Description
	Enter Play Media > Photo Playback
	Navigate the media file you want to play. The preview window will show the file details of highlighted file.
	Rename /Delete file.
 + 	Add selected file to Playlist.
	Thumbnail mode.
	Back to previous display.
	Full screen mode.





4.8 Thumbnail Mode



Button	Description
	Full screen mode.
Back	Back to previous display.
	Previous page.
	Next page.
	First page.
	Last page.
	Leave thumbnail mode.

4.9 Full Screen Mode



Button	Description
	Rotate the viewing picture counterclockwise
	Rotate the viewing picture clockwise.
 Info	Display the info of media files in play mode.
	Leave full screen mode.

PS You can choose the preferred slide show effects in **Setup** menu. If you'd like to turn off the function, please enter **Setup > Other> Transition Effect**.

EDIT FUNCTION

Button	Description
Cancel	Back to main OSD display.

Rename	Rename the selected file.
Delete	Delete the selected file.
Add to Playlist	Add selected file to Playlist.

CHAPTER 5 WEB SERVICE

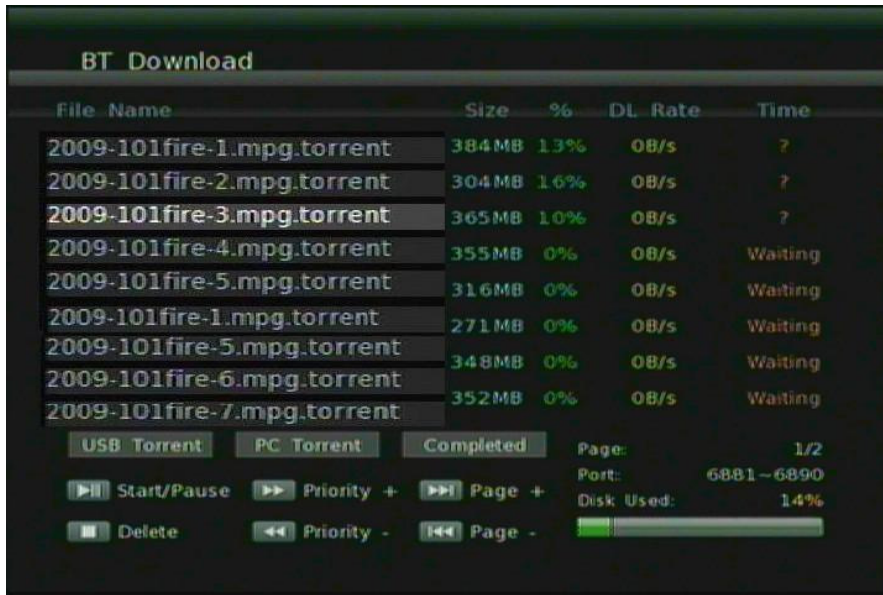
5.1 BT Download

To activate this feature, please make sure:

- The ITB-3001 is connected to the network;
- The network is properly set up. For more information on this part, please refer to "Step 2" in "Setting up ITB-3001" section, and "Network" under "Setup Menu".

BitTorrent is the leading and the most common peer-to-peer file-sharing communications protocol. The ITB-3001's built-in BitTorrent client/engine allows this product to download media files to the external USB device or to the remote PC. This BT download process is computer-free. First, you need to prepare at least one USB hard drive with at least 20GB of free capacity, in the format of NTFS or EXT-3, and connect it to the USB port on the front panel of the ITB-3001.

 **Note** Please do not download illegal files or contents.



Step 1: Connect external USB device into ITB-3001 USB port.

Step 2: If your external hard drive has not been formatted, the warning message "This action will erase all data on the device. Are you sure to







continue?" will appear to remind you to format your hard drive. Press +

to select **Yes** to format your USB storage device. It may take up to several minutes, according to the size of your USB device.

Step 3: A message will pop up to ask you to choose either the external hard drive or the remote PC as the media download destination. Press

+ to select one for the .torrent seeds.

Note Please make sure torrent seeds are already imported to the external hard drive or on the network PC before downloading media files associated with the .torrent seeds to your PC or USB devices. Files cannot be downloaded if there is less than 10% of the capacity left on the USB drive.

Step 4: Press   +  to select .torrent files to download, and then you can see the download process page. To ensure the system's efficiency, only 3 download tasks will take place simultaneously, and each .torrent file will be downloaded in sequence. You can also press   +  to adjust the priority of the download files. To see the downloaded files in your USB devices, see **USB Media** menu.

For more information on Download Media Step-by-Step, please visit www.planet.com.tw .

Note





When you remove the HDD/USB device, a window will pop up and show message "Warning! BT HDD has been removed, the system will restart".

CHAPTER 6 SETUP MENU







Button	Description
Cancel	Back to main OSD display.
Rename	Rename the selected file.
Delete	Delete the selected file.
Add to Playlist	Add selected file to Playlist.

6.1 Audio

Button	Description
	Enter "Audio" setup menu.
	Select the item for adjustment.
	Confirm the change.
	Return to previous display.





Item	Options
Night Mode	On/Off
Digital Output	HDMI LPCM HDMI RAW SPDIF LPCM SPDIF RAW
Change Audio L/R	L/R L/L R/R

6.2 Video





Button	Description
	Enter "Audio" setup menu.
	Select the item for adjustment.
	Confirm the change.
	Return to previous display.
Item	Options
Aspect Ratio	Pan Scan 4:3 Letter Box 4:3 16:9 Full Screen
Resolution	HDMI Auto NTSC 480P 576P 720P 50HZ 720P 60HZ 1080i 50HZ 1080i 60HZ

	1080P 50HZ
	1080P 60HZ

6.3 System

Button	Description
	Enter "Audio" setup menu.
	Select the item for adjustment.
	Confirm the change.
	Return to previous display.
Item	Options
Menu Language	English Traditional Chinese Español Français Simplified Chinese
Text Encoding	Unicode (UTF 8) Simplified Chinese (GBK) Traditional Chinese (BIG5)
Subtitle Size	Big Moderate Small
System info	N/A
Software Update	Online Update USB Update
Default Setting	Cancel/OK

6.4 Other

Button	Description
	Enter "Audio" setup menu.
	Select the item for adjustment.
	Confirm the change.
	Return to previous display.
Item	Options
Slide Show Timer	Off/2,5,10,30 Seconds/1,2 Minutes
Transition Effect	Off/Cross Fade/Left to Right/Top to Bottom/Waterfall/Snake/Dissolve/Strip Left Down/All Effect Shuffle
Background Music	Off/On
Screen Saver	Off/On
Movie Preview	Off/On

APPENDIX A: Trouble Shooting

The following reference list represents situations that you may encounter, and methods for remedy. Please refer to this checklist prior to contacting qualified service personnel.

You can also visit the FAQ page on www.planet.com.tw

Symptom	Remedy
No picture is displayed.	<ul style="list-style-type: none"> ● Check the power cord connection. Or connect the power cord to another power outlet. ● Are the Component Y/Pb/Pr/ AUDIO L/R cables or HDMI Cable loose or disconnected? Make sure one of connections is correct. ● Try the "SOURCE" button on the remote control of the external display/ TV, to select the correct input source.
When entering "PC Media" menu, the available PC list is not displayed.	<ul style="list-style-type: none"> ● Check your wired connection to make sure that it's working properly. Use an Ethernet LAN cable to connect from the Network jack of the ITB-3001 to the network router or Access Point. ● Check your Network Setting of the Setup menu. ● Check the setting on the shared folder/file on your computer.
On "USB Media" menu under the main menu, no USB device is searched.	<ul style="list-style-type: none"> ● Check USB device is already firmly connected. ● Check the format of your USB drive: is it in NTFS/EXT-3 format?
The BT multimedia files can't be downloaded.	<ul style="list-style-type: none"> ● For BitTorrent, users need to set up port forwarding on the TCP range 6881-6890 of Access Point or IP sharing. ● Your Internet bandwidth will limit BT download speed ● BT is a peer- to-peer download technology. It requires more people or torrents to share the files at the same time.

APPENDIX B: Product Specification

Product	High Definition IP Set-Top Box	
Model	ITB-3001	
Hardware Specification		
Port	Video Output	HDMI Auto(480p,720p,1080i,1080p), YPbPr and Component Video
	Audio Output	Audio L/R
	Ethernet	1Ethernet:10/100Mbps, Half or Full Duplex, Auto-negotiation, Auto MID/MID-X
	USB	1 USB 2.0 (Host External Storage support)
LED Indicators	1 Power LED light on front panel 1 Network LED light on front panel	
Power Switch	1 Power On / Off Switch on front panel	
Decoding	Up to 1080p(RMVB up to 720p)	
Software Specification		
Media Format	Video	MPEG1 (AVI/MKV/TS/DAT/MPG/MPEG/VOB) MPEG2 (MKV/DAT/MPG/MPEG/VOB/ISO/IFO/TS/TP)/M2TS MPEG4 (AVI/MP4/MKV/MOV/WMV/ASF) DivX 3/4/5/6 · Xvid (AVI/MKV/MP4/MOV) H.264/AVC (TS/AVI/MP4/MKV/MOV/FLV)/M2TS VC-1 (TS/AVI/ASF/WMV)/M2TS WMV9 (ASF/WMV) Real Video 8/9/10 (RM/RMVB), up to 720p
	Audio	MPEG I Layer 1,2,3(2-CH) and MPEG II Layer 1,2 (Multi-Channel) LPCM,ADPCM,FLAC,AAC,WAV and OGG Vorbis Dolby® Digital Plus / AC3 Supports 7.1 / 5.1 down mix to 2 channel outputs DTS 2.0 + Digital Out® Supports 7.1 down mix to 2 channel outputs RA1/RA-cook/RA-lossless WMA
	Photo	HD JPEG with unlimited resolution GIF

		PNG BMP TIF TIFF
	Subtitle	SRT, SMI, SUB, SSA, and IDX+SUB
Reading Storage File System		EXT3 NTFS FAT16/32 HFS+
Writing Storage File System		EXT3 NTFS
Environmental		
Dimension (W x D x H)		204× 145× 40 mm
Weight		420 g
Cables		AV Cable (RCA) x 1 RJ-45 Cable x 1
Power		12V DC, 2A
Operating Temp.		0 ~ 45 Degree C
Storage Temp.		-25 ~ 55 Degree C
Operating Humidity		80 % RH Non-condensing
Storage Humidity		80 % RH Non-condensing
Emission		FCC, CE

EC Declaration of Conformity

For the following equipment:

*Type of Product : High Definition IP Set-Top Box

*Model Number : ITB-3001

* Produced by:

Manufacturer's Name : **Planet Technology Corp.**

Manufacturer's Address : 11F, No. 96, Min Chuan Road, Hsin Tien
Taipei, Taiwan, R.O.C.

is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility (2004/108/EC).

For the evaluation regarding the Electromagnetic Compatibility, the following standards were applied:

EN 55022	(2006, Class B)
EN 61000-3-2	(2006, Class A)
EN 61000-3-3	(1995 + A1: 2001 + A2: 2005)
EN 55024	(1998 + A1: 2001 + A2: 2003)
IEC 61000-4-2 Edition 1.2	(2001-04)
IEC 61000-4-3 Edition 3.0	(2006)
IEC 61000-4-4	(2004)
IEC 61000-4-5 Edition 2.0	(2005)
IEC 61000-4-6 Edition 2.2	(2006)
IEC 61000-4-8 Edition 1.1	(2001-03)
IEC 61000-4-11 Second Edition	(2004-03)

Responsible for marking this declaration if the:

Manufacturer **Authorized representative established within the EU**

Authorized representative established within the EU (if applicable):

Company Name: **Planet Technology Corp.**

Company Address: **11F, No.96, Min Chuan Road, Hsin Tien, Taipei, Taiwan, R.O.C**


Person responsible for making this declaration

Name, Surname **Jonas Yang**

Position / Title : **Product Manager**

Taiwan
Place

26th Jan., 2010
Date


Jonas
Legal Signature

PLANET TECHNOLOGY CORPORATION