TB2007B

TV Box

User Manual

FCC Information and Copyright

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.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to   part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in   a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However,   there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful   interference to radio or television reception, which can be determined by turning the equipment off and on, the user is   encouraged to try to correct the interference by one or more of the following measures:

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—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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

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

CE The symbol means that the unit complies with European safety and electrical interference directives.

The vendor makes no representations or warranties with respect to the contents here and specially disclaims any implied warranties of merchantability or fitness for any purpose. Further the vendor reserves the right to revise this publication and to make changes to the contents here without

obligation to notify any party beforehand. Duplication of this publication, in part or in whole, is not allowed without first obtaining the vendor's approval in writing.

The content of this user manual is subject to be changed without notice and we will not be responsible for any mistakes found in this manual. All the brand and product names are trademarks of their respective.

Safety Precautions

1. Don't use the TV box near water.
2. Clean only with a dry cloth.
3. Don't block any of the ventilation openings, install according to the manufacturer's instructions.
4. Don't install near any heat sources such as radiators, heat registers, stoves, or other apparatus(including amplifiers) that produce heat.
5. Don't defeat the safety purpose of the polarized or grounding - type plug. When the provided plug does not fit into your AC power outlet, consult an electrician for replacement of the obsolete outlet.
6. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
7. Only use attachments/accessories specified by the manufacturer.

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8. Unplug this apparatus during lightning storms or unused for long periods of time.
9. Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way.

Accessories

- AC adapter/Power cable
- Remote control
- TV Box
- User Manual

Contents

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TB2007B is a smart TV box based on Android operating system. It supports HDTV, network function and third party software.

Parts and Control

Rear View — 1 2 3 4 5

Top View — 6

Front View — 7 8 9
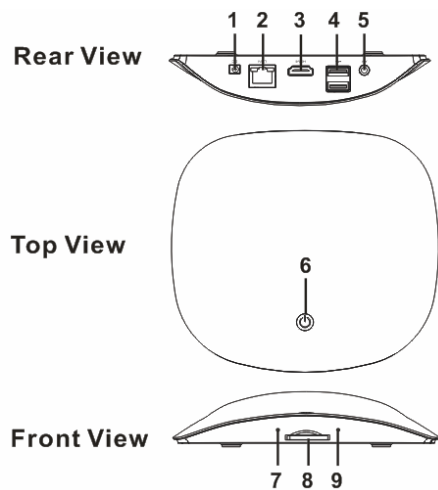
1. **DC in jack** – for connecting power cable to power adapter.
2. **Lan port** – to connect Ethernet network via RJ45 cable.
3. **HDMI port** – to connect HDTV via HDMI cable.
4. **Mini USB jack** – for connecting with external USB device.

5. **AV jack** – to connect TV/monitor via AV cable.

6. **Standby button** – Press to go to standby or wake-up mode.

7. **IR window** –To receive IR signal from IR remote control.

8．**Memory card slot** – supports Micro SD card

9．**Status indicator** – blue light for working mode, red light for standby mode.

Remote Control

STANDBY button
– press to go to standby/wake-up mode

SUB MENU button
– press to display the option menu

SETUP button
– press to enter into settings

PG.UP/DN button
 – press to go to previous/next song/video

HOME button
– press to return to home screen

Exit button
– return button, to return the previous screen

Skip button
– press to fast rewind/ fast forward

Zoom button
– press to Zoom in/out

Repeat button
– press to set repeat mode

MUTE button
– press to mute the TV box.

TV OUT button
– press to select TV out mode.

AUDIO button
– press to select Audio mode.

SUBTITLE button
– press to change subtitle.

BACKSPACE button
– press to delete a character

OK button
– press to confirm the selection

Directional buttons
– press to move the cursor left/right/up/down.

INFO button
– press to display the media file information.

PLAY/PAUSE button
– press to play or pause the playback

Volume button
– press to increase or decrease the volume.

STOP button
– press to stop the playback

APP button
– press to display the main menu

GOTO button
– press to go to the desired playback

Using the remote control

• Remove the plastic sheet before using the remote control.

• To use the remote control, point the remote control at the IR window located on the unit and press the buttons.

• The recommended effective distance for

remote operation is about 5 meters.

Battery Replacement

When the battery become weak, the operating distance is greatly reduced and you will need to replace them.

1.   Take out the Lithium battery at the bottom of the unit cover.

2.   Insert a new identical Lithium battery.

Note: you can also use the wireless remote control with mouse and keyboard (not included) for quick operation and more control on TV screen.

Power supply

Using the AC adapter

- The supplied 5V/2A adapter operates on AC 100-240V, 50/60HZ.

- Connect the AC adapter to DC-in jack, and then plug the AC adapter into AC outlet.

Note: While the AC adapter is connected and the unit is on standby, power will still be consumed.

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Connections

Connecting to HDTV using HDMI cable

1. Use the HDMI cable to connect the TV box to the HDTV.

2..Use the AC adapter to connect a suitable wall outlet.

3. Turn on your HDTV and then power on the TV box.

Connecting to a TV using AV cable

1. Use the AV cable to connect the unit to TV/Monitor.

2. Use the AC adapter to connect a suitable wall outlet.

3. Turn on your TV and then power on the TV box.

Connecting to the internet

Wi-Fi connection: if the unit detects Wi-Fi signal, in **Settings < Wi-Fi** to set (See page25) .

LAN connection: connect RJ45 cable, in **Settings < Wireless and network< More < Ethernet** to set (See page25).

Transferring Contents

From USB Device

- The TV box supports USB Mass Storage Device function.
- To import contents (video, audio, photo etc) into the TV box, insert the USB device.
- Upon successful connection to TV box, go to [**File Explorer**], click to open.

From memory card

This unit supports SD card up to 32 GB

To insert a Memory card

Insert the card correctly with its label facing up until it clicks into the place. You may damage the card and the TV box if SD card is not inserted correctly.

To remove SD card, push the card once again until it clicks.

- When a SD card is inserted in or ejected from the TV box, it may take few seconds for the TV box to update the content.

- Please avoid inserting or ejecting SD card when other operation is running as this may cause the system hang.

- Do not remove the card if the content inside the card is being played. This will halt the operation of the TV box and cause the TV box to restart.

Home screen

When the TV box is turned on, it will enter into the Home screen.

- Press ⌂ anytime to return to the Home screen.
- Use the Directional buttons on the remote control to press any icon to get started.

- Press **Apps** button on the remote control or ▦ on TV screen to show the Main menu.

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Enter into system settings

Enter into music player

Enter into file explorer

Enter into play store to download the desired APP.

Enter into web browser

Customizing Home screen

Adding icons on home screen
You can add shortcuts or widgets to home screen.
Press **Menu → Add widgets to workplace**, press the desired options to add to home screen.

Removing icons on home screen
Press **Menu → Delete widget from workplace**, use the directional buttons to press the desired options to remove from the home screen.

Setting wallpaper for home screen
Press **Menu→ Set the wallpaper**, press the desired picture as wallpaper.

Chapter 1   Basics

Main menu

All application icons are on the Main menu.

- On home screen, press **Apps** button or ⊞ on TV screen to show the Main menu.
- Press an icon on the Main menu to open the desired application.
- Press 🏠 to return to home screen.
- On Main menu screen, press the Menu button to uninstall the application.

Buttons

- Use the Directional buttons and press **OK/Enter** button to select an item.

- Select an icon to open an application.
- Press the Return button (**Exit or ESC** button) on the Remote control to return to previous screen.

- Press button anytime to return to Home screen.
- Press the **Menu** button on the Remote control anytime to display the option menu.

Scrolling

- Use the Directional-up/down button to scroll file list.
- On webpage, use the directional buttons to scroll around the page（be careful so as not to click the link）.

Onscreen keyboard

Use the onscreen keyboard to enter text, such as web addresses.

- Press on the text field to bring up the keyboard.

 Uppercase key   Backspace key

    Numeric/punctuation/symbol key

Web browser

View a webpage

- From **Home screen** or **Main menu**, press **Browser icon** to open web browser.

- On address bar, type the web address and press **OK** button on the remote control.

- Press the link on the webpage to open a new webpage.

- Use the Directional buttons to scroll around the webpage.

- To return to the previous page, press the **Exit or ESC** button.

Notice：

- Browser start page always defaults to Google home page.

Add bookmark

Press ☆ to add the current visited webpage as bookmark.

Bookmarks List

Press 🔖 to show bookmarks list, press a bookmark to open the webpage. Touch and hold the bookmark to display the option menu for bookmark.

- History

Access to view history lists. To remove these

lists, press **Menu** then select **Clear history**.
● Settings

Press [icon] to use more available function, including Privacy & security, Accessibility and so on.

Refresh/Stop

Press [icon] to refresh on the current page, press **X** to stop loading the current page.

Forward

Press ← / → go to previous/next webpage screen.

Using the option menu

Press **Menu** to display the browser option menu. Press on the desired item to use webpage viewing control.

Stop
Forward
New tab
New incognito tab
Share page
Find on page
Request desktop site ☐
Save for offline reading
Page info
Settings

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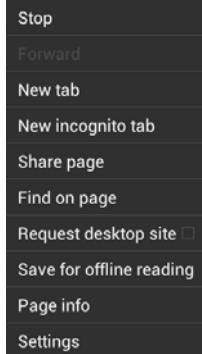
Watching Videos

Playing videos

- In File Explorer, use the directional-up/down button to scroll through the file list.

- Press to select a desired video file, then select **TvdVideo** player to playback.

Controlling Video Playback

When playing video, press OK or Directional buttons on the remote control to display the video control bar.

Play or Pause a video	Press / or press **Play/Pause** button on the remote control.

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Stop a video playback	Press ⏯ button on the remote control
Play previous/next video	Press ⏮ / ⏭ on the remote control.
Fast rewind or fast forward	Press ⏪ / ⏩ onscreen or press ◀◀ / ▶▶ on the remote control.
Adjust the volume level.	Press the **Volume +/-** button on the remote control.
Set play mode	Press 🔲.
Set playback effect	Press ⬡.
Set subtitle gate,color etc..	Press 🅰.
Go to the desired playback.	Press 🔲.
Change sound channel	Press 🔲.
Adjust the screen size: full screen,16:9,4:3	Press 🔲.
Return to the video browser screen	Press the Return button.

Notes：
- Video player supports subtitle file, please load the subtitle file to be displayed on the current video, unless the subtitle is integrated into the video itself.
- The TV box supports subtitle of sub, ssa, srt, lrc format, encoded in UTF8 format.
- The file name of the subtitle must be identical to that of the video file. The subtitle will be loaded automatically during video playback.
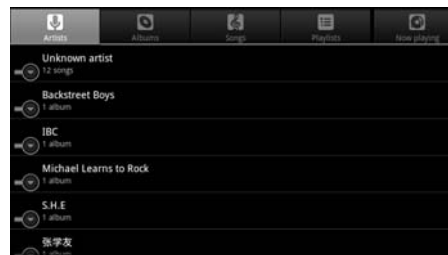
Playing Music

About music library

From Home screen, press or from **Main menu**, press **Music icon** to enter into music library.

 Sorting by artist Sorting by album

 All songs Sorting by Playlist
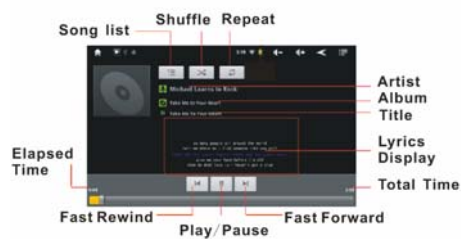
 Return to Now playing screen

Playing songs

1. From **Main menu**, press **Music** to enter music library.

2. Press on a desired tab to enter song list.

3. Press the Directional-up/down button to scroll the song list.

4. Press the desired songs to start playing.

Note: If you want to exit music mode, press to pause, then press Return button or .

Controlling Song Playback

Pause or play songs.	Press ⏸ / ▶ or press ▶⏸ on the remote control.
Stop music playback	Press ▶⏸ on the remote control.
Play previous or next song.	Press ⏮/ ⏭ on the remote control.
Fast rewind or fast forward	Press ◀◀ / ▶▶ on the remote control.
Adjust the volume level.	Press the volume buttons on the remote control.
Display the current song list	Press ☰.
Set shuffle mode	Press ⤨.
Set Repeat mode	Press ⟳.
Display the music playback menu	Press **Menu** button.
Add the current playing song to	Press **Menu→ Add to playlist.**

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playlist	
To return to the Media Library	Press the Return button.

Using the playlist

Use the playlist to manage the songs in the library

Creating a new playlist

In the music playback screen, press →**New**, and enter the name for the new playlist, then press **Save**.

Adding the current song into playlist

In the music playback screen, press . Press on a desired playlist, then the current song has been added into the selected playlist.

Viewing photos

From Main menu, press **Gallery** to view photos.

Thumbnail View

Thumbnail view displays the catalog as a table of thumbnail images in adjustable sizes.

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- Press the **Directional-up/down** button to scroll the song list.

- Press the desired photo to full screen view.

- In full screen mode, press the Return button to return to thumbnail view mode.

Start to view photo

Press Menu button to show the control bar.

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View the previous / next photo.	Press Directional-right/left button
Share the photo with your friends	Press
Rotate the photoleft/right	Press .
Crop and Edit the photo	Press .
Set the photo as wallpaper	Press .
Delete the photo	Press
To use more control (view photo information, set slideshow mode)	Press
Zoom in or zoom out	Press the **Zoom** button on the remote control.
Return to thumbnail mode	Press the Return button.

Note:
- In zoom in /out mode, use the Directional button to move photo.

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File Explorer

- From **Home screen** or **Main menu**, press **File Explorer icon**.
- Press to select **Local Disk /SD card /USB** to enter.
- Use the **Directional-up/down button** to scroll through the file list to press the desired folder or file.
- To open a file or folder, press on the file or folder.

Using the option menu

On file explorer screen, press the **Menu** button to show the option menu.
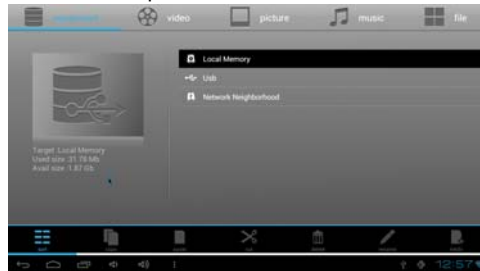
Copy / move files or folders
1. From the file list, select the desired files/folders to be copied or moved.

2. Press Menu to show the option menu, press **Cut** or **Copy**.

3. Go to the target folder that you want to put the selected file or folder.

4. Press **Menu → Paste**.

Note: it may take longer time to paste files/folder with big file size.

Rename the file or folder
1. From the file list, select the desired file/folder to be renamed.

2. Press Menu to show the option menu, select **Rename.**

3. Use Onscreen keyboard to enter a new file name.

4. Press **Rename** to confirm.

Delete files or folders

1. From the file list, select the desired files/folders to be deleted.

2. Press Menu to show the option menu.

3. Press **Delete** to delete the file/folder.

Managing third party applications

This unit support third party applications (such as Game applications, etc.), you can install or uninstall applications for the system.

Download and install the application.

1. Download the desired applications into your computer.

2. Copy the downloaded applications to the unit via USB device (you can also download the desired applications from the browser in your device.).

Note: The system only supports XXX.apk format applications to be installed.

3. From **Main menu**, press **Settings→Security→unknown source**..

4. In file explorer, find the directory where the application is placed to press to start the installation.

5. After finishing the installation, you will see the Applications on the Main menu.

Uninstall application
1. From the **Main menu**, then press **Settings→ Apps**.
2. Press the application you desire to uninstall, then press **Uninstall**.
Note:The default applications can't be uninstalled from the unit.

From Home screen or Main menu, choose
Settings, then press the desired items to be
configured to start the Setting.

Wireless & networks

The Wi-Fi settings allow you manage networks,
such as turn Wi-Fi on and join Wi-Fi networks.
Turn on Wi-Fi: From Main menu choose
Settings→ Wireless&networks→Wi-Fi, Then
" √" will appear next to Wi-Fi when you have
turned on the Wi-Fi.
Join a Wi-Fi network: From the detected
network list, select a network, if necessary,
enter a password and tap "**Connect**" to save
the settings for the encrypted connection and
connect to Wi-Fi. (Networks that require a
password appear with a lock icon).
Select "**show advanced option**" to show more
network control options.
If more than one previously used network is in
 range,TB2007B joins the one last used.
When TB2007B is connected to a Wi-Fi
 network, the Wi-Fi icon at the top of the screen
 shows connection strength.
Tap **More** to use more wireless network control
including Ethernet network setting, PPPOE
settings.

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Sound

Customize the sound settings, including Volumes, Default notification, Click sounds, Screen lock sound and Audio output mode.

Display

Customize the display settings, including the settings for Brightness, Contrast, Saturation, Wallpaper, Font size, Screen adaption, Screen trimming, Display output mode.

Storage

View the memory status of Micro SD card and internal storage, USB device, enable media scanning feature.

Apps

Allows you to manage the applications sorted by download, On SD card, Running and All.

Accounts & sync

Allows you to add new email account and sync all the email accounts.

Location service

Let apps use data from sources such as Wi-Fi and mobile networks to determine you approximate location. Moreover, let Google use your location to improve search results.

Security

Allows you to set Encryption, Passwords, Device administration and Credential storage.

Language & Input
Set region and language, text input methods.

Backup & reset
Allows you to backup account, app data, Wi-Fi passwords, and other settings to Google servers. Additionally, This item helps restore the TB2007B system to factory settings.

Date& Time
Set date, time, time zone.

Accessibility
Allows you to install web scripts, set large text, touch and hold delay.

Developer options
Helps you manage the TB2007B system, such as USB debugging, Stay awake, HDCP checking and so on.

About Device
Display the information about TB2007B, such as legal information, model number, firmware version, Build number and so on.

Power on the TV box, but TV detects no signal
Make sure the HDMI /AV cable is securely connected firmly. Make sure the TV is selected for the correct HDMI/AV port.

Can't power on the TV box
Make sure the power adapter is correctly plugged, if the unit is powered on, the status indicator at the front panel will lights in red.

Can't connect to Wi-Fi or Ethernet network
Make sure you have connected to Wi-Fi network or Ethernet network, check whether the network has been successfully encrypted password.

TV display is not in full screen size
Please check the display settings.

Upgrading firmware

1. Put the firmware issued by the manufacturer to store in SD card.

2. Insert the SD card into the TV box before you power on it. Then reboot to automatically update, and the status indicator will blink in red.

3. After the upgrade is complete, the status indicator will not blink. And the TV box will boot into the Home screen, then you must eject the SD card and remove the upgrade folder, otherwise next time you will boot into re-upgrading status.

Maintenance

- If TV box does get wet, turn off TV box immediately. Wait for TV box to dry completely before turning on again.
- Clean the unit with a soft and dry cloth; be careful not to wipe it with anything abrasive.
- Never use alcohol, benzene, thinner, cleaning fluid or other chemicals. Don't use compressed air to remove dust.
- If TV box needs service, please consult the authorized dealer through the contact information provided in the warranty card. Faulty service may void the warranty.

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Product Specifications

System Properties
Operating System: Android 4.0
Processor: A10
Architecture: ARM Cortex-A8
Speed: 1.5GHz
RAM Memory: DDR 512MB/1GB

Storage memory
Built in memory: up to 32GB
Supports micro SD card: up to 32GB

Media File Format supported
Audio: MP3, WMA, AAC, WAV, OGG
Photo: JPG, BMP, GIF, PNG
Video: MKV/ISO/VOB/RMVB/Divx

Connectivity
Data transfer: Micro USB 2.0 High Speed
Audio: phone jack (L/R Stereo audio),SPDIF,HDMI1.4
LAN : RJ45 (10/100MB)

Wireless connectivity
Wi-Fi : Built-in, 11b/g/n

Power supply
DC 5.0V, 2.0A

Physical properties
Dimension: 160*145.2*31.1mm (approx.)
Weight: 200g (approx)

※ Design and specifications are subject to change without
prior notice.

Disposal and Recycling Information

Your TV box must be disposed of properly according to local laws and regulations.
Because this product contains a battery, the product must be disposed of separately from household waste. When your TV box reaches its end of life, contact your local authorities to learn about recycling options.

Battery Replacement:
The battery in it should be replaced only by an authorized service provider.

This symbol on the product or in the instruction means that your electrical or electric equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU,For more information, please contact the local authority or your retailer where you purchased the product.

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