


Safety Precautions

- Do not subject the device to severe impact or drop it from heights.
- Do not use the device in extreme hot or cold, dusty or damp conditions. Do not expose it to direct sunlight.
- Avoid using the device near strong magnetic fields.
- Normal functioning of the product may be disturbed by ESD. If so, simply reset and restart the device following the instruction manual. During file transmission, please handle with care and operate in a static-free environment.
- Keep the device away from water and other liquids. In the event that water or other liquids enter the device, power off the product immediately and clean the device.
- Do not use chemicals to clean the device in order to avoid corrosion. Clean it with a dry cloth.
- Do not install this equipment in a confined space such as a book case or similar unit. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Attention should be drawn to environmental aspects of battery disposal.
- Use the apparatus in moderate climates.
- We are not responsible for damage or lost data caused by malfunction, misuse, modification of the device or battery replacement.
- Do not attempt to disassemble, repair or modify the product. This will invalidate the warranty.
- If the device will not be used for an extended period of time, please charge the battery at least once per month to maintain battery life.
- Charge the battery if:
 - a) The battery level icon displays (An empty battery)
 - b) The device powers off automatically when restarted.
 - c) There is no response when pressing keys with keys unlocked and battery full.
- Do not interrupt the connection when the device is being formatted or transferring files. Otherwise, data may be corrupted or lost.
- When the device is used as a portable HD, please use only per the instructions. Otherwise, permanent data loss could occur.
- Please use and install data using the attachments/accessories provided and only according to the manufacturer's instruction.
- Please refer to the information on the bottom of the device for electrical and safety information before installing data or operating the device.
- To reduce the risk of fire or electric shock, do not expose this device to rain or moisture. The device should not be exposed to dripping or splashing. Never place objects filled with liquids, such as vases, on the device.
- There is danger of explosion if the battery is replaced incorrectly. Replace only

with the same or equivalent type.

- The battery (battery or batteries or battery pack) should not be exposed to excessive heat such as sunlight, fire or the like.
- Please follow responsible procedures for battery disposal.
- If the power adaptor disconnected from the device, the device will remain operable as long as the battery has sufficient charge.
- The power adaptor is a CLASS II apparatus with double insulation, and no external ground is provided.
- Safety symbol explanation:



- The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
- To reduce the risk of electric shock, do not remove the cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the device.
-  Correct Disposal of this product. This marking indicates that this product should not be disposed of with other household waste in the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To dispose of your used device, please use the return and collection systems available in your area or contact the retailer where the product was purchased. They can take this product for safe environmental recycling.
- This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
- CE in which countries where the product may be used freely: Germany, UK, Italy , Spain, Belgium, Netherlands, Portugal, Greece, Ireland, Denmark, Luxembourg g, Austria, Finland, Sweden, Norway and Iceland. In France, except the channel 10 through 13, law prohibits the use of other channels.

Listening Cautions

- This product respects the current regulations for limiting the output volume of consumer audio devices to a safe level. By listening to your device with headphones or earbuds at high volumes, you run the risk of permanent damage to your ears. Even if you get used to listening at high volumes and it seems normal to you, you still risk the possibility of damaging your hearing. Reduce the volume of your device to a reasonable level to avoid permanent hearing damage. If you hear ringing in your ears, reduce the volume or shut off your device. This device has been tested with the supplied earphones. In order to preserve your hearing, it is advised that you use only the following headphone models: the earphones supplied with your device, or any other headphones that respect the current regulations. Other types of headphones may produce higher volume levels. (At full power ,the prolonged listening of the walkman can damage the ear of the use)
- Maximum output voltage $\leq 150\text{mv}$
- Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations created by obstructed hearing.
- Even if your headphones or earphones are the open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you.
- Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. What sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting the volume of your device at a safe level BEFORE your hearing adapts.
To establish a safe volume level:
 - a. Start your volume control at a low setting.
 - b. Slowly increase the sound until you can hear it comfortably and clearly, and without distortion. Once you have established a comfortable sound level, leave it there.

This manual may not reflect your actual device's operation. All information is subject to change without prior notification. Please follow your actual device's operational procedures.

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Feature Summary

Wi-Fi Connectivity

With the latest Wi-Fi technology, you can access the Internet wherever you are.

10 Touch Screen

Big touch screen provides you exceptional visual experience.

Third-party Application Support

Android™ OS allows you to install diverse third-party applications in the device.

Dual Built-in Camera Lenses

Equipped with two built-in camera lenses, this unit can function better as a webcam or video recorder.

Bluetooth functionality

This device supports file transference with Bluetooth functionality.

Built-in G-sensor

The screen picture changes its direction automatically as the device rotates clockwise or anti-clockwise.

Entertainment

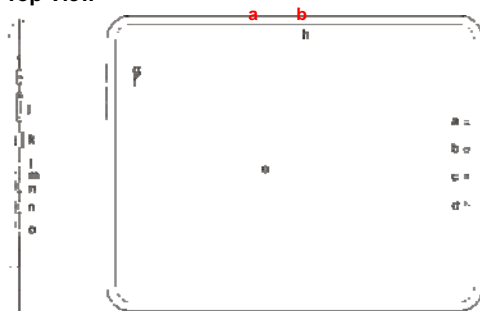
You can enjoy music, movies, pictures and e-books with the device.

Accessories

- Main Unit
- USB cable
- AC Adaptor
- User Manual
- Warranty Card

Buttons & Ports

Top View



- a. Search
- b. Home
- c. Menu
- d. Esc
- e. Touch Screen
- f. Ornamental hole
- g. Charging led
- h. Camera lens 1
- i. Power button
- j. Volume button
- k. HDMI jack
- l. Earphone socket
- m. Microphone
- n. USB port (Mini)
- o. DC-In socket

Back View



- p. Camera lens 2 (back)
- q. Built-in speakers
- r. Reset pin hole
- s. SD card slot

Charging Battery

The device has a built-in rechargeable battery. No extra battery installation is required. Just charge the device when it indicates low battery.

To charge the battery, connect the device to any standard wall outlet via the DC-IN port using the power adaptor. It takes about 5 hours to fully charge the battery. When the battery is fully charged, the charge indicator at the left bottom should light up in green. During charging, the indicator lights up in red.

Note:

- a. **You are strongly recommended to charge the battery immediately when the device indicates the battery is lower than 15%!**
- b. You can operate the device even when it is being charged. But for extended battery life, it is suggested NOT to use the device when it is charging.
- c. It is recommended to charge the battery before you use the device for the first time.
- d. For maximum performance, lithium-ion batteries need to be used often. If you don't use the device often, be sure to recharge the battery at least once per month.
- e. **Be sure to use only the dedicated power adaptor provided with the unit for charging.**

Installing Memory Card

This device can read files directly from memory card.

To use a memory card, find the card slot at the bottom of the device and then insert the memory card into the slot in the correct orientation. To access the files stored in the memory card, enter the **Explorer** mode by tapping the Explorer icon and select the "SD Card" directory.

Transferring Files

This device supports USB connectivity, thus you can transfer data or files between the device and a computer via USB cable:

- (1) Connect the device to a computer with the supplied USB cable.

- (2) Once the connection is done, the device will notify "USB connected" and tell you to turn on the USB storage by tapping on "turn on USB storage".
- (3) When the USB storage is turned on, the device notifies "USB storage in use". Instantly, two more removable disk drives will appear on your computer standing for the memory card (external SD card), and the internal memory (flash) of the device. Now you can transfer files between the device (either removable disk drives) and the computer.
- (4) When the device is connected to the computer, you can drag from the top bar downwards any time to display the USB notification message as shown.



Drag downwards

- (5) To disconnect the device to computer, select and tap on the button "Turn off USB storage".
- (6) Disconnect the device from the computer safely.

Note: The pre-installed applications and Android OS occupy a considerable part of capacity – nearly more than 1GB, it is normal that you see huge difference between available memory space and total capacity.

Turning On/Off

To turn on the device, press and hold the **Power** button on the unit until you see the boot-up screen then release. It may take a few minutes to start up the system, please wait before you proceed.



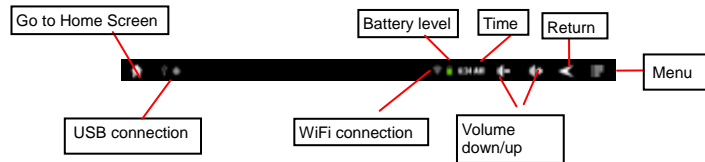
To turn off the device, press and hold the **Power** button until you see the option "Power Off", tap on "Power Off" and then tap on "OK".

Tip: For the sake of power saving, this device may sleep with the screen display locked when there is no touch actions for a while (depending on the actual setting of Screen Timeout). You can briefly press the **Power** button to wake it up.

Home Screen



- a. Status bar
- b. Search bar
- c. Shortcut of Internet Browser
- d. Applications menu button
- e. Shortcut of System Settings







The extended Home Screen

Slide your finger horizontally on the screen to go to the left or right panel of the extended Home Screen.



Customize the Home Screen

You can customize the Home Screen by adding/removing shortcuts and widgets, changing the wallpaper.

- To add a Home Screen item (shortcuts, widgets, folders etc.), tap on the Menu icon  and then select "Add" . You can also hold your finger on the screen and then choose an item from the list.
- You can add a folder onto the Home Screen by holding your finger on the screen and then choose Folders → New Folder. You can drag shortcuts or widgets to the folder.
To rename the folder, a) tap to open the folder, b) hold your finger on the title bar of the opened folder until the Rename window pops up, c) input folder name.
- To move a Home Screen item, hold your finger onto it until it is highlighted, then drag it to the desired location, and release it.
- To remove a Home Screen item, hold your finger onto it until it is highlighted, drag it to the recycle bin which turns from the **Application Tab**, and then release your finger.
- To change the wallpaper, from the Home Screen, tap on the Menu icon , a list of options appears. Tap on "Wallpaper" and then choose a picture as the desktop wallpaper.
- To change the System Settings, from the Home Screen, tap on "Settings"  on the home screen. Choose a category: "Wireless & Networks", "Sound & Display",


"Date & Time" etc for setting. For more information on the different settings, see the System Settings section.

Weather Forecast Setting

- You can choose a worldwide city you are interested in by tapping the weather forecast indicator. Locate the city by selecting the state where the city is and then selecting the city, or inputting the city name directly in the "Search City" field.
- You can change the default temperature unit by checking or unchecking the "Use Celsius" option.




Display all Applications


The device has many useful applications pre-installed. You can tap the Application Tab  to display them.



Unlocking the Screen






The screen will lock itself when no action performed on it for a short while. You will have to unlock the screen by pressing POWER button once and dragging the lock icon  to the arrow direction before you continue to use the device.



Note: Dragging the  icon to the arrow direction will mute the sound.

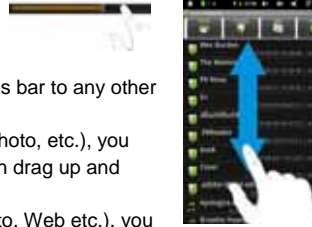
Touch Screen & Buttons Usage

Main Touch Screen Actions

- ESC : You can always return to upper level menus interface by tapping this icon once or repeatedly. (on the top right of the screen)
- HOME : You can always return directly to the Home screen by tapping on this icon (on the top left of the screen).
- MENU : In different application interface, tap this icon to display the context menu options.
- While playing a video or song, you can pause/resume it by tapping on the Pause  / Play  icon.

Other Touch Screen Actions

- When watching a video or listening to music, you can tap on the progress bar to playback any designated section of the file. You can drag the cursor of the progress bar to any other elapsed time point of the file.
- In different browsers (File, Music, Video, Photo, etc.), you can hold your finger on the screen and then drag up and down to scroll the file list up and down.
- In some browsers (File, Music, Video, Photo, Web etc.), you may hold your finger on an item to display options.




Accessing Internet

This device features Wi-Fi connection which makes it easy for you to access the internet over Wi-Fi network.

You need to configure a Wi-Fi network before accessing internet. For such purpose, you have to stay in a Wi-Fi service zone. Whenever it is within the coverage of a Wi-Fi network you have configured, the device will attempt to make a connection.

Make Wi-Fi Connection

Before launching an Internet application such as the web browser, you first need to activate the Wi-Fi and configure a Wi-Fi network.

- (1) In the Home Screen, tap the tap on “Settings”  icon to open the menu.
- (2) Tap on WiFi & Network to start WiFi configuration;
- (3) Tap the “**Wi-Fi**” setting to turn on Wi-Fi connection if it is off.
- (4) Select “**Wi-Fi settings**”, this device will scan automatically for available Wi-Fi networks and display the result. The list of available networks shows all the wireless networks of which your device is within the service range.



Note:

- a) The available network list is constantly refreshed automatically.
- b) When the Wi-Fi is enabled, the device will connect automatically to your configured networks when they are in range.
- c) If the device detects a network that has never been configured, it will display a notification icon.


- (5) Tap the network you want to connect to, enter the network information (password) if required and then tap “Connect”. This device will now attempt to establish a connection to that Wi-Fi hot spot with the network parameters you entered.




If the connection is successful, the message Connected to XXX will appear under the Wi-Fi setting.



Advanced Connection

To manually scan for available Wi-Fi networks,

- (1) In the “Wi-Fi settings” screen, tap the **Menu** icon , and then tap “Scan.”
- (2) If the Wi-Fi network you want to connect to does not appear in the list, scroll down the screen, then tap “Add a Wi-Fi network.” Enter the required information, and then tap “Save.”

To set up IP address manually, tap the Menu icon , tap “Advanced” and then input all required network parameters (“Regulatory domain,” “IP address,” etc). You can obtain these parameters from the network administrator.

Launching the Web browser

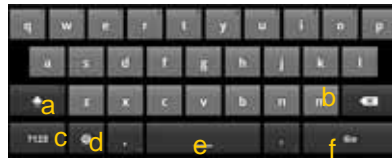
To launch the Web browser, you tap the Browser icon  in the Applications screen, If you are already connected to a network, the Web browser will simply open and you can start browsing the Web. To access a new website, tap the Menu icon  to display the menu, and then select “Go” to input the new website address.

Note: Not all wireless networks offer access to the Internet. Some Wi-Fi networks only link several computers together, without any Internet connection.

Using the Virtual Keyboard

Tapping on any text input field can open the virtual board. With the virtual keyboard, you can enter a website address or any text required.


Indications



- a. Caps Lock
- b. Backspace.
- c. Number and Characters
/Letter Keyboard Switch.
- d. Input method setting
- e. Space
- f. Enter

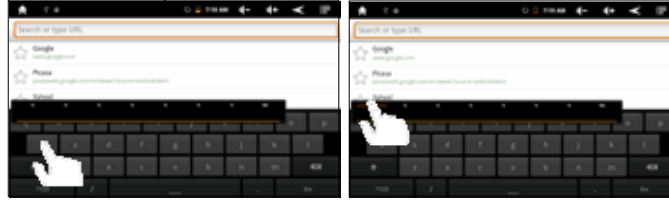
Selecting Input Method

If you have installed more than one input method in this device, you can select one




method by a) tapping the  button to pop up an overlay menu “Input Options”; b) choosing “Select Input Method” to set your desired input method.

Inputting special characters


To input a special character like “à”, hold your finger on “a”, a menu containing all the special variant characters of “a” will appear, then just slide your finger to the one you need and release to input the character.





Using the Web Browser

- You can scroll the screen up and down by tapping on the page and dragging it up or down (be careful not to tap a link until you are ready!).
- To open a link, simply tap it.
- You can open several web pages at a time, view them all at once on the screen, and then tap one of them to view it in full screen.
- To go back to the previous page that you browsed, tap the Back icon .
- To display the available menu items, tap the Menu icon .
- To go back directly to the Home screen, tap the Home icon .
- Depending on where you are in the web browser, holding down on an item will give you access to more options.
- To fill in a text field, tap in the field, then use the virtual keyboard to type in the required text.

Web Browser Menu Items

When you are viewing a page, you can tap the menu icon  to display the menu items.

New window	Allows you to open new windows.
Bookmarks	Will open the “ Bookmarks ” manager. You will see three tabs: “ Bookmarks ,” “ Most visited ,” and “ History .” “ Bookmarks ” shows you a list of bookmarks. Just tap one of them to open it in the current window. Holding down a bookmark will give you access to several options (you will be able to edit it, rename it, delete it, etc.). You can also use the Menu icon  which will allow you to bookmark the last-viewed page. “ Most visited ” and “ History ” allow you to access your “Most visited”

	sites and your visit history. In the "History" tab, the Menu icon  allows you to clear the history.
Windows	When you have several windows currently opened, tap " Windows " to display them all at once on the screen. Just tap one of the small windows to view it in full screen, or tap the Close icon in the small window to close the window.
Refresh	"Refresh" will refresh the current web page, if it has stopped loading.
Forward	Will go to the next page that you browsed.
More	Will give you access to other options ("Add Bookmark", "Find on page," "Select text," "Page info," "Downloads," "Settings" etc.).

Reading E-Books

Transfer E-books from Computer

Before reading, you need to transfer or download e-books to the device. You can copy e-books from your computer's local drive to the device by USB connection (see the "Transferring files" section mentioned before).

Note: Make sure your e-books are in format of PDF, EPUB, TXT, FB2, RTF or PDB supported by the device.

Download E-books with Adobe Digital Editions

The Adobe Digital Edition application allows you to download e-books protected by DRM to the device.

- (1) Access the website <http://www.adobe.com/products/digitaleditions/>, and then install the Adobe Digital Editions software following the instructions.



- (2) Authorize your computer with your Adobe ID and Password.



- (3) Activate the device.
Connect the device to PC with the USB cable and start up the Adobe Digital Editions. Click "Authorize Device" to authorize your tablet.

- The Adobe ID can be used only for six times. It should expire after 6 tries of authorizing device. Later on, you need to delete the expired ID by pressing CTRL+SHIFT+D on the computer keyboard or using the **Erase Activation Record** setting on the device and then get a new one.

- The device remembers the ebooks downloaded with the latest Adobe ID only, and will overwrite the eBooks downloaded with the previous Adobe ID.

- (4) Download DRM-protected PDF files to your computer.
Access an online bookstore and search for e-books. Choose your favorite e-books and download them. If the e-book is protected by DRM, you should be prompted by DRM license information. Click "Open" to start downloading the DRM-protected e-book.



- (5) Click "Purchase", and then you should see your downloaded e-book at the right panel of the Adobe Digital Editions user interface.



- (6) Connect your device to the computer with the USB cable, and the Adobe Digital Editions should recognize your device.



- (7) Click "Purchase" to see your downloaded e-book and then drag it to your device.

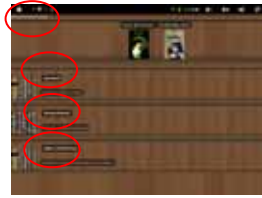
Start Reading

- (1) In the Home Screen, tap the E-book Reader shortcut to enter the e-book reader mode.
(2) Tap an e-book to start reading immediately.



History and Bookshelf


You can tap "Recent Reads:" to view your reading history or tap "Bookshelf" to check the collection of e-books. "Recent reads" shows all of the e-books that you have read by date. "Bookshelf" shows all of e-books stored in the device. Besides, you can browse the available online catalogs by tapping on "Download books" or check the books by tapping on "Author and Filename"




Note: E-book cover will show as defaulted cover by the device if the e-book has no cover data. That's why you see some e-book covers are the same.

Page Up/Down

When you are reading the e-book, you can slide your finger on the screen left and right to page up or down.

You can let the ebook page up and down automatically by: a) tapping the **Men Menu** icon  to display e-book settings; b) Tap "Auto Flip"; c) Selecting a flip interval time.


Increase Font Size

- (1) When you are reading, tap the **Menu** icon  to display e-book settings.
- (2) Tap "Font Size" to adjust the font size.
- (3) Tap a size that you want, and then tap "OK" to confirm.




Jump to a Page

You can directly go to a page that you have specified.

- (1) When you are reading, tap the **Menu** icon  to display e-book settings.
- (2) Tap "Go to".
- (3) Tap the page number input field to display the virtual keyboard.
- (4) Tap the numbers to input the page number.
- (5) Once you finish inputting the page number, tap "OK" to jump to the specified page.


Use Bookmarks

You can add, delete or load bookmarks on the page.


- (1) When you are reading, tap the **Menu** icon  to display e-book settings.
- (2) Tap "Bookmarks" to display a bookmark menu. Use the menu to add, delete or display bookmarks.

Show Outline of the e-book

You can view the outline of the e-book and then choose your desired chapter or section to read.


- (1) When you are reading, tap on the **Menu** icon  to display e-book settings.
- (2) Tap on "TOC" to display the outline of the e-book, and then tap the chapter that you want to read.

View Book Information

During reading Ebook, you can view the book information anytime by tapping on the Menu icon  and selecting **BookInfo** item in sequence.

Auto Flip



During reading, you can use the Auto Flip (turning the pages automatically) function for your convenience.






- (1) Tap on the Menu icon  to bring up the overlay menu.
- (2) Tap on **Auto Flip** to set a proper flip mode (Manual, 15seconds etc..)

Playing Music

In the **Home Screen**, tap the Music icon to enter the music player mode. Optionally, you can tap the Applications shortcut to display all applications and then tap the Music icon to enter the music mode.

In music menu, all the music files are sorted in different ways (Songs, Artist, Album, Playlist etc.)

- You can drag your finger up and down on the file list to scroll through it.
- Tap a song to play.
- To return to the Home Screen, tap  / 


 Songs	List all music files.
 Artist	List music files by artist.
 Album	List music files by album.
 Playlist	List your favorite songs.
 Now Playing	Go to the Now Playing screen.

Playback menu

During playback of a music file, tap on the MENU button to bring up a context menu:

- Library**– return to music library menu.
- Party Shuffle** –select Party Shuffle mode
- Add to playlist** – add a song to the playlist.
- Delete** – delete a song.
- Sound Effects** – Set the sound effects for the music playback.

Shuffle songs

In the library, tap the Menu icon  to display options – Play all, Party shuffle and Shuffle all.

- Play all** – play tracks in normal order.
- Party shuffle** – shuffle 7-8 songs as a group each time.
- Shuffle all** – shuffle all songs stored in the device.

Playback Screen



- a. Now Playing List
- b. Shuffle mode
- c. Repeat mode
- d. Lyric display
- e. Artist Name
- f. Album Name
- g. Song Name
- h. Previous song/Rewind
- i. Play/Pause
- j. Next song/Fast Forward
- k. Progress bar

f d i h
g e

- To pause or resume the playback, tap on the Pause / Play icon.
- To play the previous/next song, tap on / .
- You can tap on the progression bar to go directly to a different location in the song. You can also drag the cursor of the progress bar to another location in the song.
- Tap to adjust the volume.
- To preview songs on the list, tap , and then tap a song for preview.
- To change the repeat mode, tap .
- To display menu options, tap .
- Tapping continuously on the track title can search for the information about the track from the Internet.
- To go back directly to the Home screen, tap on the Home icon or Return icon .

Playlist

The playlist is a list of songs that you have added manually.

To play the playlist,

- (1) In the Music menu, tap the Playlist icon to display all the playlist. All songs that you have added are listed.
- (2) Tap a song to start playing.

Playing Video

In the **Home Screen**, tap the Video Player icon to enter the video player mode.

Optionally, you can tap the Applications shortcut to display all applications and then tap the Video Player icon to enter the video mode.

Navigate through Video Files

You should see the video list when you enter the video player.













- You can drag your finger up and down on the video list to scroll the video list up and down.

- Tap a video to start playing.
- You can go back directly to the **Home Screen** by tapping on the Return icon  or Home icon .

Playback Screen




- VOL-
- Progress bar
- VOL+
- Bookmark
- Brightness
- Previous video/Fast Rewind
- Play/Pause
- Next video/Fast forward
- View Mode
- Exit
- Video settings

- Tap on the  /  icon to pause/resume the video playback.
- Tap on  to display the menu items.
- Tap on the progress bar to go directly to a different location in the video. You can also use your finger to drag the cursor in the progress bar to another location in the video.
- Tap on  /  to adjust the volume.
- Tap on  to set a bookmark at the current spot in the video. Please note only one bookmark can be set for one video, and the new bookmark should cover the old one. To resume playing a video from the bookmark, go to the Home Screen, enter the Video Player, and tap on the bookmarked video. You should be prompted to "Play from beginning" and "Play from bookmark". Select "Play from bookmark". In default, the video plays from beginning. To remove the bookmark, tap on  to display the menu, and then choose "Delete Bookmark".
- Tap on  to adjust the brightness of screen.
- Tap on  /  to play the previous or next video.
- Tap on  to change the aspect ratio of screen.
- Tap on  to stop playing and return the video list.

Note: Some video files may not be played correctly with the device. Refer to the Technical Specifications at the end of the manual, and make sure the video resolution, encoding format or file type is supported.

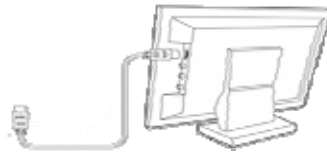
Video Playback Settings

Tap on the  icon to display the video settings.

Delete BookMark and Play from beginning	Delete bookmark and play from beginning.
Delete Bookmark	Delete the video bookmark.
Play Mode	<p>Single – plays the current video and then stops after playing.</p> <p>Repeat One – Repeat the current video.</p> <p>Repeat All – Repeat all videos.</p>

Help	Get instructions on playing video.
Return	Exit from the menu.

Output video image to TV screen



The device features a HDMI interface with which you can connect it to digital audio devices, computer monitors or digital televisions. HDMI connection can deliver high-definition audio and video quality.



To use the HDMI function on digital televisions,

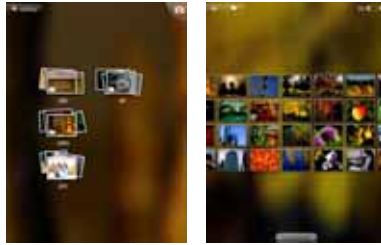
- (1) Make sure that the digital television to be connected with has a corresponding HDMI interface.
- (2) Connect this device to the digital television with proper HDMI cable.
- (3) Turn on the television, and set it to HDMI mode.
- (4) Turn on the device and play a video. The video will be output to digital television automatically, and the display screen of the device will turn black completely as HDMI connection is working.
- (5) Enjoy the sharpest image quality on the wide screen of television.
- (6) To enable the image display on the screen of the device, disconnect the HDMI cable between the device and the television.


Viewing Photos

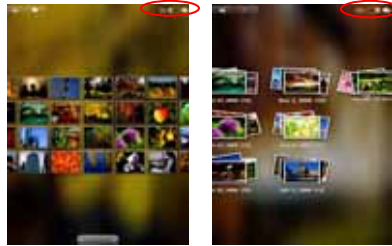
In the **Home Screen**, tap the **Gallery** icon to enter the photo viewer mode. Optionally, you can tap the Applications shortcut to display all applications and then tap the **Gallery** icon to enter the photo Gallery.

Viewing Photos

- (1) Folders containing photos should be listed once you enter the Gallery. Tap a folder to open it.
- (2) Photos in the opened folder are listed in thumbnail. You can slide your finger on the screen or tap   to browse photo thumbnails.



- (3) You can tap the Thumbnail/Group toggle button  to display photo thumbnails or group photos by date.



- (4) Tap a photo thumbnail to view the photo in full screen.




- (5) To display the previous/next picture, slide your finger on the screen horizontally.

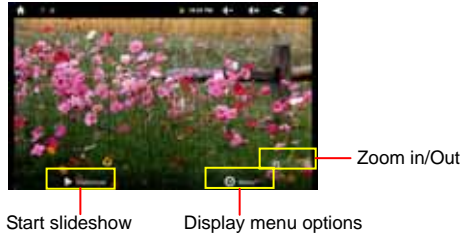


- (6) To zoom in or out the picture, pinch your finger on the picture.

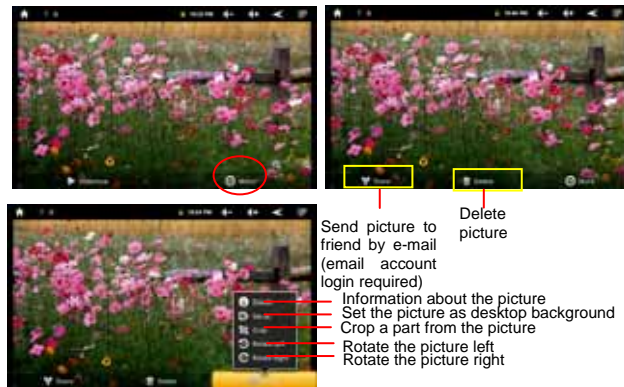


Display Toolbar

When you are viewing the picture, you can tap on the screen or the Menu icon  to show a floating menu.



Tapping "Menu" can display other menu options.




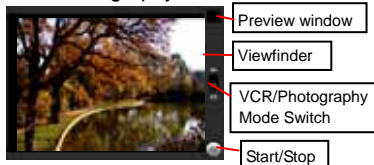
Slide Show


To start an automatic slideshow, tap on the screen to show a floating menu, and then tap the Slideshow menu on the toolbar. To stop the slideshow, tap the screen.

Using the Camcorder/Camera

The device features built-in VCR which allows you make video clips or take photos. Tap on the **Application Tab** to display applications, and then select **“Camcorder”/ “Camera”** to enter the VCR/Photography mode.

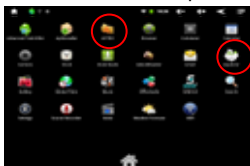
- To start making video clips, tap on the Start/Stop button  to start video recording.



- Tap on the Start/Stop button  again to stop video recording or photographing.
- The video clip / photo can be previewed in the Preview Window.
- To play the video clip that you have made, enter the Video Player, and then tap the video.
- To view the photo that you have taken, enter the Photo Viewer mode, and then tap the photo.







Exploring Files


You can explore files and folders with either the Explorer or ASTRO application. In the Home Screen, tap the Applications shortcut to display all applications and then tap the Explorer or ASTRO icon to enter the file explorer mode.



Using the Explorer

Navigate through Files and Folders

- You can drag your finger up and down to scroll the file list up and down.
- To open a file or folder, tap the file/folder.
- Tap the menu icon , you can manage the applications (see details in the “Managing 3rd party Applications” section).
- You can go back or forward one level in the interface by tapping on the **Back** icon  or **Next** icon .
- You can go back one level in the directory by tapping on the LevelUp button .
- Wherever you are in the interface, you can go back directly to the Home screen by tapping on the Return icon  or Home icon .

- Tap the Home icon  to go to the root directory.

Using the Toolbar

You can use the toolbar to navigate through your device's internal memory/ memory card and delete or copy files.


Tapping on the grey area can hide/display the toolbar.



Sliding your finger on the toolbar can scroll through all tools.

Home	Go to the Home Screen.
LevelUp	Go back one level in the directory.
Multi	Select more than one file.
Editor	Copy, delete, move, paste or rename the file or folder.
Back	Go back one level in the interface.
Next	Go forward one level in the interface.

Copy/Move Files and Folders

- (1) In the file list, scroll up and down by sliding your finger to select the file/folder that you want to copy or move.
- (2) Hold the selected file/folder until a pop-up menu appears.
- (3) Select "Copy" or "Move" from the pop-up menu.
- (4) Navigate to the location where you wish to copy or move the file/folder to.
- (5) Select the Editor icon  from the toolbar and then choose "Paste."



Delete Files and Folders


- (1) In the file list, scroll up and down the list by sliding finger to select the file/folder that you want to delete.
- (2) Hold the selected file/folder until a pop-up menu appears.
- (3) Select "Delete" from the pop-up menu, then select "Delete" to confirm or "Cancel" to quit.


Rename Files and Folders

- (1) In the file list, scroll up and down the list by sliding finger to select the file/folder that you want to rename.
- (2) Hold the selected file/folder until a pop-up menu appears.
- (3) Select "Rename" from the pop-up menu.
- (4) Tap the input field to display the virtual keyboard, and then choose letters from the virtual keyboard to rename the file/folders.
- (5) Tap "OK" to confirm the new name.

Select Multiple Items








You can select more than one file or folder together.

- (1) In the top toolbar, tap the Multi icon .

- (2) Tap the files/folders you want to choose. The file/folder name turns red when selected. (To deselect the file/folder, tap it again.)
- (3) Once you finished selection, you can delete, copy or move the selected files by tapping on the Editor icon .

Using the ASTRO

Navigate through Files and Folders

- You can drag your finger up and down to scroll the file list up and down.
- To open a file or folder, tap the file/folder.
- Tap the menu icon , you can manage the applications (see details in the “Managing 3rd party Applications” section).
- You can go back or forward one level in the interface by tapping on the **Back** icon  or **Next** icon .
- You can go back one level in the directory by tapping on the LevelUp button .
- Wherever you are in the interface, you can go back directly to the Home screen by tapping on the Return icon  or Home icon .
- Tap the Home icon  to go to the root directory.



Using the Toolbar

You can use the toolbar to navigate through your device's internal memory/ memory card and delete or copy files.




Tapping on the grey area can hide/display the toolbar.





Sliding your finger on the toolbar can scroll through all tools.

Home	Go to the Home Screen.
Up	Go back one level in the directory.
Multi	Select more than one file.
Edit	Copy, delete, move, paste or rename the file or folder.
Search	Search for a specific file or folder
Back	Go back one level in the interface.
Next	Go forward one level in the interface.
View	Display files and folders in list or icons.
Sort	Sort files and folders by name, date, size or file type.
Prefs	Preferences for the ASTRO
Network	Enable the Wi-Fi network or Bluetooth.



Copy/Move Files and Folders

- (1) Navigate through the file/folder and locate the file/folder you want.
- (2) Tap the Multi icon  and then tap the file(s) /folder(s) that you want. You can select multiple items by tapping. To deselect the item(s), tap the Cancel icon .
- (3) Select "Copy" or "Move" from the pop-up menu.
- (4) Navigate to the location where you wish to copy or move the file/folder to.
- (5) Select the Edit icon  from the toolbar and then choose "Paste."

Delete Files and Folders

- (1) Navigate through the file/folder and locate the file/folder you want.
- (2) Tap the Multi icon  and then tap the file(s) /folder(s) that you want. You can select multiple items by tapping. To deselect the item(s), tap the Cancel icon .
- (3) Select "Delete" from the pop-up menu and then select "Delete" to confirm.

Compress Files/Folder with Zip

- (1) Navigate through the file/folder and locate the file/folder you want.
- (2) Tap the Multi icon  and then tap the file(s) /folder(s) that you want. You can select multiple items by tapping. To deselect the item(s), tap the Cancel icon .
- (3) Select "Zip" from the pop-up menu.
- (4) Enter a name for the zip file and then tap "Create".



File Options

You can hold your finger on an item to display the following options:

Details – file information

Open As – open the file with another application.

Edit – copy, delete, move, zip the file

Send – send the file by e-mail (email account login required.)

Set As – set the file as desktop

Sending/Receiving E-mails

This device has an E-mail application pre-installed. You can send or receive e-mails from the Internet at any time with this device. Make sure you have an Internet connection before using the email service.

In the Home Screen, tap the Applications shortcut to display all applications and then tap the Email icon to launch the e-mail application.

Setup Email Account

First you need to setup an E-mail account for receiving or sending emails.

- (1) Start up the email application by tapping the **Email** application icon and you are prompted to setup an account.
- (2) Input your email address and login password. You can set the account as default

- by selecting the option "Send email from this account by default".
- (3) Tap "Manual Setup" to set the email server information.
 - (4) Choose the server type from POP3, IMAP or Exchange for incoming emails. To know what type of your email server is, you can consult the service provider, network administrator or search for information in the Internet.
 - (5) Input required information (server, port etc.). You can obtain the information from the service provider, network administrator or the Internet.
 - (6) Choose the server type for outgoing emails, and input required server information.
 - (7) Click "Next" to continue. Your tablet will check the server settings. When it prompts you that "Your account is set up, and email is on its way", your account is set up successfully.
 - (8) Input your name and then tap on "Done" to finish.





Note: If you have more than one account, every time when you start up the email application, you enter the default email account.

Manage Accounts


You can setup more than one account and manage these accounts by checking information about the account, adding another account or deleting an account.

Add another Account


Following these steps to add another account if you want.

- (1) Launch the email application and then tap on the Menu icon  to display the menu item. Choose "Accounts" to display accounts.
- (2) Tap on the Menu icon  to display the menu item, and then choose "Add account".
- (3) Follow the steps of setting up a Email Account to add an account.

Delete an Email Account

- (1) When you are in the email box, tap on the Menu icon  to display the menu items.
- (2) Tap on "Accounts" to display all email accounts.
- (3) Hold your tap on the account that you want to delete until a menu pop up.
- (4) Tap on "Remove Account" , and then tap on "OK" to confirm.

Check the Account Setting


- (1) When you are in the email box, tap on the Menu icon  to display the menu items.
- (2) Tap on "Accounts" to display all email accounts.
- (3) Hold your tap on the account that you want to check until a menu pop up.
- (4) Tap "Account settings" , and then you should see all setting information about the account. You can edit these settings as you want.

View Emails

You should enter your mailbox when you start up the email application.

- In the mailbox, you can slide your finger up and down to scroll through the email list.
- Tap on an email to open it.
- Holding your tap on the email can display a menu. With the menu, you can open, reply, forward or delete the email.

Email Menu Items

In the email list, tap on the Menu icon  to display the menu.

Refresh	Refresh the emails.
Compose	Compose a new email.
Folders	Go back to email box.
Accounts	View all email accounts.
Account Settings	Check your account settings.

Reading Office Documents

The device provides support to Microsoft Office document with its built-in OfficeSuite application. You can read documents in Word, Excel or PPT etc.

- (1) Copy Office documents to the device by USB connection.
- (2) Launch the OfficeSuite application.
- (3) Locate an Office document with the file explorer.
- (4) Tap the document to open it. On the opening page, you can slide your finger up and down to turn over the page.




- (5) You can tap the Menu icon to display menu options. With these options, you can search for specific texts or count words in the document.



Managing 3rd Party Applications

Your device provides support to many useful third-party applications. You can purchase the applications to add more functions to your device. They are available online at the Internet or directly on your product.

Pre-installed Applications

The device has pre-installed applications when it was manufactured. You can see them by tapping the Applications icon . They are video player, audio player, browser, alarm clock, calculator etc.

Install Applications

You can install applications manually following these steps:

- (1) Download the installation file directly from the built-in application library (e.g. SLIDEME). Make sure the file is in format of .apk which is supported by this device.
- (2) Connect your device to computer with the USB cable.
- (3) Copy the installation file to your Device.
- (4) Disconnect your device from the computer.
- (5) Turn on your device and enter the file explorer mode with the Explorer.
- (6) Locate the installation file and open it.
- (7) Follow the on-screen instructions to install the application.
- (8) Once the application is installed successfully, you can find it in the application tab.

Uninstall Applications

- (1) Tap the Settings shortcut in the Home Screen to display all system settings.
- (2) Select "Applications".
- (3) Select "Manage Applications".
- (4) Tap on the application that you want to uninstall.
- (5) Tap on "Uninstall" to uninstall the application.

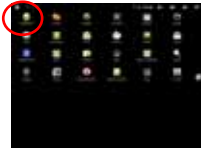
Note:

- You cannot uninstall the pre-installed applications.
 - Some of the applications developed for Android mobile might not run properly in the Device. Please consult the respective software developer for further information.
-

Managing Tasks

Your device can handle multiple tasks at the same time. For example, you can view photos while listening to music. Multitasking is helpful but inefficient if too many tasks are running. In order to save system memory and enhance system performance, you can end some tasks that you don't use at the moment.

(1) Tap "Advanced Task Killer" application.





(2) Tap the task that you want to end.



(3) Tap "KILL selected apps" to end the task.

System Settings

In the Home screen, tap "**Settings**" and choose a category: "**Wireless & Networks**," "**Sound & Display**," "**Date & Time**," etc.

- When a down arrow appears on the right of a parameter, this means that this setting includes sub-parameters. Tap it to display the list of sub-parameters.
- When a check box appears on the right of a parameter, tap it to enable or disable this option.
- When it is possible, you can use your finger to scroll the screen up and down to reveal settings that you don't initially see.
- When you have finished adjusting your settings, tap the Back icon  to go back to the list of settings, or tap the Home icon  to go directly to the Home screen. Your settings are saved instantly.

Wireless & networks	Wi-Fi – tap on this line to enable or disable the Wi-Fi connection. Wi-Fi settings – allows you to set up and manage your Wi-Fi networks.
Sound	Silent Mode – mute sound except of media and alarm. Volume – modify the volume output. Notification Ringtone – Set your default notification ringtone. Audible selection – enables/disables the touchscreen click sound. Screen lock sounds – enable/disable sound when locking or unlocking the screen.
Display	Brightness –allows you to adjust the brightness of the screen. Auto-rotate screen – switch the screen orientation automatically when the device rotates. Animation –enables/disables the display of animations when opening and closing applications. Screen timeout –allows you to adjust the delay before the screen automatically turns off and locks itself. To turn the screen back on, press the Power button once, and press it again to unlock the screen.
Location & Security	This screen gives you the possibility to allow certain Android™ applications to determine your current location. You can also define a screen unlock pattern and other security parameters.
Applications	This screen allows you to manage your Android™ applications. You can view information about all the applications installed on your device.
Privacy	This setting allows you back up or restore your system settings or data.
Storage	This setting allows you un-mount the SD card or check SD card and internal

	storage space.
Language & keyboard	Set your preferred language and region, and configure text settings for faster and more accurate text input.
Date & Time	This setting allows you set up the date, time, time zone and formats.
Update Media Library	Update the media library of your Device manually.
Erase activation record	Used to erase record of DRM activations.
About Device	Display information about your Device system.

Troubleshooting

Reset this device

- In the event that the device freezes, you can force the device to shut down by holding the **Power** button for 15 seconds.
- If the **Power** button does not reset your device, use the “pinhole reset” button, located on the back the device.

Specifications

Item	Description
CPU	Based on Cortex-A8, Main CPU frequency : 1GHz
DDR	2X256MB
Built-in operating system	Android OS 2.3 or above
Hardware	IBM PC or compatible PC, Note-book or Macintosh with USB port
Internal Memory	4GB(1.2MB for apps installation, 2.8GB for internal system) or above
Memory Card type	SD card: 1GB, 2GB, 4GB (SDHC), 8GB (SDHC), 16GB(SDHC),32GB(SDHC)
Operation System	Windows2000/XP/Vista/windows 7/Linux2.4/ MAC OS 10.6.7 or above
Interface	USB2.0 High speed
	Micro SD (compatible SDHC)
	3.5mm Earphone
Connection Agreement	WiFi (802.11 b/g/n)
Bluetooth function	supported
Camera lens	Dual(Front 2.0 Mega pixels and rear)
HDMI output	supported
E-compass	supported
Light sensor	supported
G-sensor	Support rotation in 360 degrees
Vibration	supported
Weather Forecast	Support
E-Book	File Format
	PDF/EPUB/TXT/FB2/PDB/RTF
Photo Format	JPEG(Baseline) : 96*32pixels to 8000*8000 pixels
	BMP / GIF (Static) / PNG
Audio	File Format
	MP3/WAV/OGG/FLAC/APE/AAC/WMA

	Coding Format	MP3 (MPEG1/2/2.5 Audio Layer 1/2/3) : 8 ~ 48KHZ/8 ~ 320Kbps,CBR and VBR	
		WAV (MS-ADPCM, IMA-ADPCM, PCM): 8 ~ 48KHZ	
		OGG (Q1- Q10): 8 ~ 48KHZ	
		FLAC(Compression Level 0 ~ 8): 8 ~ 48KHZ	
		APE (Version 3.95,3.97,3.98,3.99,normal and fast) : 8 ~ 48KHZ	
		AAC(ADIF, ATDS Header AAC-LC and AAC-HE): 8 ~ 48KHZ	
Video	File Format	AVI, 3GP, MP4, RM, RMVB, FLV, MKV, MOV, VOB,WMV,DAT	
	Coding Format	AVI(MPEG4,XVID, DIV X3/4/5/6, MS MPEG4 V3)	1920*1088pixels/30FPS/38.4Mbps (Max) Audio Codec: MP2/MP3/AC3/AAC/PCM/DTS
		3GP/MP4(H.264,H.263 ,MPEG4,XVID, DIVX3/4 /5/6, MS MPEG4 V3)	MPEG4,XVID, DIVX3/4/5/6: 1920*1088pixels/30FPS/38.4Mbps (Max.) H.264: 1920*1088pix/30FPS/20Mbps (Max) Audio Codec: MP2/MP3/AC3/AAC/PCM
		RM/RMVB(Real video 8/9) :	1920*1088pixels/30FPS/38.4Mbps (Max) Audio Codec: Cook/AAC
		FLV(Sorenson Spark)	1920*1088pixels/30FPS/38.4Mbps (Max) Audio Codec: MP3
		MKV(H.264,MPEG4, XVID, DIVX3/4/5/6,MS MPEG4 V3):	MPEG4,XVID, DIVX3/4/5/6: 1920*1088pixels /30FPS(Max) H.264: 1920*1088pixels/30FPS//57.2Mbps(Max) Audio Codec : MP2/MP3/AC3/AAC/PCM
		MOV(H.264, H.263, MPEG4,XVID, DIVX3/4/ 5/6, MS MPEG4 V3)	MPEG4,XVID, DIVX3/4/5/6, MS MPEG4 V3: 1920*1088 pix /30FPS/38.4Mbps(Max.) H.264: 1920*1088pix/30FPS/20Mbps(Max) Audio Codec: MP2/MP3/AC3/AAC/AMR
		MPG/DAT/VOB(MPEG1 /2)	1920*1088pix/30FPS/80Mbps(Max.) Audio Codec: MP2/MP3
		Read speed	8-10MB/S (MLC flash)
	Write speed	3.5-4 MB/S (MLC flash)	
Battery Charge Time	About 5 Hours		
Battery Life	About 7 hours of music playback; About 6 hours of video playback; About 6 hours of web browsing.		
Display	10.0-inch TFT LCD, Touchpad (capacitive touch pad), 1024X768 pix.		
SNR	>=80dB		
Frequency Response	20Hz--20KHz		
Power Supply	Rechargeable lithium-ion polymer battery; AC Adapter: AC Input 100-240V ~ 50/60Hz, DC Output 12V/2A		
Storage Temp.	-20 ~ +65		
Ambient Temp.	0 ~ +50		
Operation RH	20% ~ 90% (40)		
Storage RH	20% ~ 93% (40)		

FCC Statement

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.

changes or modifications not expressly approved by the party responsible for compliance

could void the user's authority to operate the equipment.

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:

- 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 RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.