



VISUAL LAND
Bring the World Home

CONNECT INTERNET TABLET

USER MANUAL



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SECTION 1: Getting Started

1.1 :: Understanding This User Manual

The sections of this manual generally follow the features of your device. This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different. Unless otherwise specified, all instructions in this manual assume that you are starting from a Home screen.

Note: Instructions in this manual are based on default settings, and may vary from your device, depending on the software version on your device, and any changes to the device's Settings. Unless stated otherwise, instructions in this User Manual start with the device unlocked, at the Home screen. All screen images in this manual are simulated. Actual displays may vary, depending on the software version of your device and any changes to the device's settings.

-> Arrows represent the sequence of selecting successive options in longer, or repetitive, procedures. For example: "From a Home screen, press the Menu Key -> Settings -> Wireless and Network -> Wi-Fi Settings."

1.2 :: Battery

Your device is powered by a rechargeable, standard Li-ion battery. A charger has been included to charge your device. It can also be charged by connecting the device to a PC with the included USB cable. However, charging via USB takes longer than using the included charger.

Note: The battery comes partially charged. You must fully charge the battery before using your device for the first time. After the first charge, you can use the device while charging.

1.3 :: Battery Indicator

In the status bar at the bottom right of the screen, there is a battery icon which shows the battery power level. When battery power is 15% or less, your device will prompt you to charge the battery. If you continue to operate the device without charging, the device will power off.

1.4 :: Charging the Battery

Connect the included charger to your device and plug the charging head into a standard AC power outlet. Or connect your device to a PC (make sure the PC is powered on) with the included USB cable. Your device should show a battery indicator on the screen showing the unit is charging. Once charging is complete, unplug the charging head from the power

outlet or unplug the USB cable from the PC and remove the cable from the device.

Important: Do not leave your battery charging for more than one week. Doing so runs the risk of overcharging the battery and shortening its total life span. If the device is not used for an extended period of time, the battery will slowly discharge and the device will need to be recharged before using again. Unplug the charger from the wall when it is not being used. Use only a Visual Land battery in the device and a Visual Land charger to charge your device.

1.5 :: Turning Your Device On and Off

To power on the device, press and hold the Power Key located at the top right of the device for 2-3 seconds. The loading screen will appear and it will take a few minutes to load up the Home screen.

To power off your device, press and hold the Power Key located at the top right of the device for 2-3 seconds. At the prompt, select "Ok". The device will take a couple seconds to fully power off.

1.6 :: Memory Card

Your device supports removable MicroSD and MicroSDHC memory cards (up to 32GB) for storage of music, pictures, videos and other files.

To load a memory card into the device, with the gold contacts facing up, carefully slide the memory card into the slot, pushing gently until it clicks in place.

To remove the memory card, from the Home screen, touch the clock to bring up that window and then touch the settings icon in the lower right corner. This will expand the menu further. Touch "Settings". Select "Storage" under Device then scroll down on the right side to EXTSD. Touch "Unmount SD card". Select "OK" at the prompt. The device will unmount the SD card. Wait until it shoulds "Mount SD card" under EXTSD. Once it does, the card is now ready to be removed. Gently press down on the memory card, so that it pops out from the slot, and carefully pull the card out.

1.7 :: Lock Screen

By default, the device locks automatically when the screen times out, or you can lock it manually. To lock it manually, press the Power key at the top right of the device. To unlock the device, press the Power key, then touch and drag the Unlock icon to the right of the screen.

Note: For added security you can set up a pattern, PIN or password lock. To do this, see the section later in this manual about how to "Set Screen Lock".

IMPORTANT: *You must remember your pattern, PIN or password you set. If you forget it, there is **no way** of retrieving or resetting it. You will have to factory reset your device and will lose your settings, any apps you have installed as well as any files you have saved.*

SECTION 2: Understanding Your Device

2.1 :: Package Contents

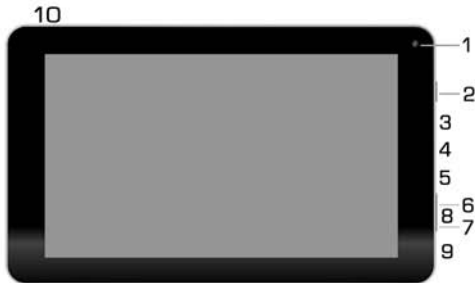
- Visual Land Android Internet Tablet
- Power Supply
- USB cable
- Headphones
- This User Manual

2.2 :: Key Features

- Android 4.0 Operating System
- 9" 5 Point Multi-touch Capacitive Screen (800x480)
- ARM Cortex A8 Processor
- 8GB Internal Memory with MicroSDHC expandable card slot (up to 32GB)
- 802.11b/g/n Wi-Fi
- Front Facing Camera (Still / Video / Webcam)
- Internal Rechargeable Li-ion Battery
- HD Video Player supporting H.263, H.264, MPEG4, 3GP and WMV (v9) formats
- Music Player supporting WAV, MP3, AAC, AAC+ and WMA (v9/10) formats
- Picture Gallery supporting JPEG, PNG, GIF and BMP formats

2.3 :: The Device

1. Front Facing Camera: Used for taking still/video or as a webcam.
2. Power Key: Press and hold to power device on/off. Press to lock device or to wake screen for unlocking.
3. 3.5mm Headset Jack: Plug in an option headset or TTY equipment.
4. Micro USB Port: Connect your device to a PC to transfer files or charge or connect USB flash drives or peripherals.
5. DC-IN: 5V/2A
6. Volume Up Key: Press to raise volume.
7. Volume Down Key: Press to lower volume.
8. Memory Card Slot (on back): Install a memory card for storage of files.
9. Reset Key: Reset the device.
10. External Speaker (on back): Used in music or video playback.



2.4 :: Navigating Your Device

In the status bar at the bottom left of the screen, you'll find three Navigation buttons. They're always available. No matter what you're doing with your device, you can always get back to the main Home screen or return to previous screens. After a short time without getting used, these buttons may shrink to dots or fade away, depending on the current app. To bring them back, touch their location.



Back: Opens the previous screen you were working in, even if it was in a different app. Once you back up to the Home screen, you can't go back any further in your history.



Home: Brings you to Home Screen. If you're viewing a left or right Home screen, opens the central Home screen.



Recent apps: Opens a list of thumbnail images of apps you've worked with recently. To open an app, touch it. To remove a thumbnail from the list, swipe it left or right.



Menu: Located next to the three navigation buttons, this will bring up further tools you can use on the home screen. You will also frequently see this icon in apps, usually at the top right of the screen, to bring up menu options for the current app you are running.

2.5 :: Touch & Type

Use your fingers to manipulate icons, buttons, menus, the onscreen keyboard, and other items on the touchscreen. You can also change the screen's orientation. To select or activate something, touch it. To type something, such as a name, password, or search terms, just touch where you want to type. A keyboard pops up that lets you type into the field.

Other common gestures include:

- **Touch & Hold:** Touch and hold an item on the screen by touching it and not lifting your finger until an action occurs.
- **Drag:** Touch and hold an item for a moment and then, without lifting your finger, move your finger on the screen until you reach the target position. For example, you can drag to reposition shortcuts on the Home screen.
- **Swipe or Slide:** Quickly move your finger across the surface of the screen, without pausing when you first touch (so you don't drag something instead). For example, you can slide a Home screen left or right to view the other Home screens.
- **Double-tap:** Tap quickly twice on a webpage, map, or other screen to zoom. For example, double-tap a webpage in Browser to zoom in, and double-tap again to zoom out.
- **Pinch:** In some apps (such as Maps, Browser, and Gallery), you can zoom in and out by placing two fingers on the screen at once and pinching them together (to zoom out) or spreading them apart (to zoom in).
- **Rotate the Screen:** On most screens, the orientation of the screen rotates with your device as you turn it. You can change this Display setting.

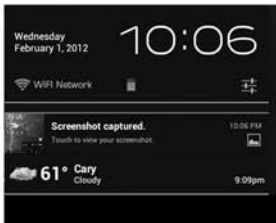
2.6 :: Status Bar

The Status Bar at the bottom of the screen contains several indicators concerning the status of your device. The right side displays the clock, Wi-Fi status, battery status, Alarm set, SD Card status and USB connection status. Tap on that area of the Status Bar to expand it.

You will now be able to see expanded information, including notifications with detailed status messages. You will also see a settings icon below the clock. Tapping on this or on the clock will bring up a quick access menu to the most frequently used settings such as turning on or off Airplane mode, Wi-Fi, Auto-rotate screen, Notifications and setting the brightness. You can go to the full settings menu by selecting "Settings".

Network and Battery Status

Notifications



Settings Icon

2.7 :: Home Screen

The Home screen is the starting point for using your device. Unless stated otherwise, instructions in this User Manual start at this screen. The Home screen has 7 panels which you can navigate between by swiping either left or right. Or you can tap on the icons at the bottom to switch between the screens. The "All Apps" icon will indicate which panel you are currently on. You can tap on this icon to bring up all apps installed on your unit. These panels can be customized by adding widgets or shortcuts (to apps or folders). Widgets are applications that run on the Home screen. Your screen panels have a set size and each widget varies in size, so the number of widgets and shortcuts you can place on each panel may vary depending on which widgets you choose to use.

Navigate panels
with menu icons



"All Apps"
Icon

Swipe screens to
navigate between
them

2.8 :: Change the Wallpaper

Wallpapers are images from Gallery (pictures you shot with Camera, uploaded to the device, and so on), still images included with the system, and live images (such as an animation or a map that centers on your location). They take the place of the default background for your Home screens.

1. Touch and hold anywhere on a Home screen that's not occupied. A list of options appears. Select Wallpapers.
2. Select a wallpaper source.
3. To set a wallpaper, touch "Set wallpaper" at the bottom of the screen.

2.9 :: Arrange & Work With Apps

To see all your apps, touch the All Apps icon on the Home screen. The main All Apps screen opens. This is where you can see all your apps, including those downloaded. You can move app icons to any of your Home screens. From All Apps, you can:

- Move between screens: Swipe left or right.
- Launch an app: Touch its icon.
- Place an app icon on a Home screen: Touch & hold the app icon. The screen will shift to the home screen. Slide your finger, and lift your finger to drop the icon in place where you want it.
- Add a widget: Touch and hold anywhere on a Home screen that's not occupied. A list of

options appears. Select Widgets. Select the widget you wish to add from the list of available widgets.

- To remove an app icon from the Home screen, touch and hold it. A trash icon will appear at either the bottom or the side of the screen. Slide your finger toward the trash icon and it will turn red. Release your finger from the screen and the icon will be removed.

SECTION 3: Using Apps

3.1 Basic Editing

- Move the insertion point: Touch where you want to type. The cursor blinks in the new position, and a green tab appears below it. Drag the tab to move the cursor.
- Select text: Touch and hold or double-tap within the text. The nearest word highlights, with a tab at each end of the selection. Drag the tabs to change the selection. The tab disappears after a few moments, to get out of your way. To make it reappear, touch the text again.
- Delete text: Touch to delete selected text or the characters before the cursor.
- Cut, copy, paste: Select the text you want to manipulate. Then touch the Paste, Cut, or Copy button. To make the keyboard go away, touch Done.

3.2 Tips & Shortcuts

- Type capital letters: Touch the Shift key once to switch to capital letters for one letter. Or touch and hold the Shift key while you type. When you release the key, the lowercase letters reappear.
- Turn caps lock on: Double-tap or touch and hold the Shift key until the black line under the arrow on the key changes to blue. Touch the Shift key again to return to lowercase.
- Show numbers or symbols: Touch the ?123 key. To see more choices, touch the ~\{ key.

- Quickly access common smileys: Touch & hold the :-) key.
- Type special characters: Touch and hold any key with a small gray character in its corner to enter the gray character.
- Touch and hold any key to see alternative letters, symbols, or numbers.
- Change input language or keyboard: Touch the settings key in the lower right corner and the Input options menu appears. Choose the option you want to adjust.

3.3 :: Optimize Memory Usage

You typically don't need to worry about managing apps beyond installing, opening, and using them. But there may be times when you want to know more about what's happening behind the scenes. Apps use two kinds of memory: internal storage and RAM. They use internal storage for themselves and any files, settings, and other data they use. They also use RAM (memory designed for temporary storage and fast access) when they're running. Android manages and carefully guards the portion of internal storage where the system, apps, and most data for those apps are stored, because this area may contain your private information. It's not possible to view this portion of internal storage when you connect your device to a computer with a USB cable. The other portion of internal storage, where music, downloaded files, and so on are stored, remains visible for your convenience. Android also manages how apps use RAM. It may cache some things you've been using recently, for quicker access if you need them again, but it will erase the cache if it needs the RAM for

new activities. You affect the way apps use internal storage directly and indirectly in many ways; for example, by:

- Installing or uninstalling apps.
- Downloading files in Browser, Email, and other apps.
- Creating files (for example, by taking pictures).
- Deleting downloaded files or files you created.
- Copying files between your device and a computer via USB.

You rarely need to manage the way apps use RAM. But you can monitor apps' RAM usage and stop them if they misbehave.

3.4 :: Use the Apps Screen

The Apps screen allows you to adjust several aspects of the way your device uses memory. To view these settings:

1. From a Home or All Apps screen, touch the Settings icon.
2. Under Device, touch Apps.

You'll see four tabs at the top of the screen, each displaying a list of apps or their components:

- **Downloaded:** Displays apps you've downloaded from a market or other sources.
- **On SD Card:** Displays apps installed on the removable SD card.
- **Running:** Displays all apps, processes, and services that are currently running or that

have cached processes, and how much RAM they are using. The graph at the bottom of the Running tab shows the total RAM in use and the amount free. In the upper right corner of the screen, touch "Show Cached Processes" or "Show Running Services" to switch back and forth.

- **All:** Displays all apps that came with Android and all apps you downloaded from a market or other sources. To switch the order of the lists displayed in the Downloaded or All tabs, touch Menu icon (in the upper right corner of the screen) -> Sort by name or Sort by size.

To view details about an app or other item listed under any tab, touch its name. The information and controls available vary among different types of apps, but commonly include:

- **Force stop button:** Stops an app that is misbehaving. Stopping an app, process, or service may cause your device to stop working correctly. You may need to restart your device after doing this.
- **Uninstall button:** Deletes the app and all of its data and settings.
- **Disable button:** Prevents the app from running, but does not uninstall it. This option is available for some apps and services that can't be uninstalled.
- **Clear data button:** Delete an app's settings and other data without removing the app itself.
- **Clear cache:** If the app stores data in a temporary area of the tablet's memory, lists how much information is stored, and includes a button for clearing it.

- **Launch by default:** If you have configured an app to launch certain file types by default, you can clear that setting here.
- **Permissions:** Lists the kinds of information about your tablet and data the app has access to.

3.5 :: Use Your Camera

The Camera app is a combination camera and camcorder. You can view photos and videos you take with Camera in the Gallery app . Your personal videos are also available in the Videos app, along with movies that you rent or download. To take pictures and videos, first touch the Camera icon on a Home or All Apps screen. When Camera opens, you can:

- **Take a picture:** Touch the blue button.
- **View the most recently taken picture:** Touch the thumbnail near the blue button.
- **You can now share the picture by touching the Gmail, Google+, Messenger, or other icons displayed along one side of the image.**
- **To view this picture and others in the Gallery app, touch the picture.**

3.6 :: Manage Your Calendar

The Calendar app lets you view and edit your schedule. To change the Calendar view, touch the date at the top and choose Day, Week, Month, or Agenda. Swipe to scroll vertically or horizontally. In the Day or Week views, spread your fingers apart or pinch them together to

zoom in or out. From any of these views, you can:

- Read or edit event details. Touch an event to view its details.
- Manage events and calendars. Touch icons across the top or Menu to search or create events, return to today, or adjust settings.

You can sync your calendar by adding an account. Go to the settings menu by touching the menu icon in the top right corner of the screen, then touch settings. Touch "Add Account" in the top right corner and follow the steps to add the account you wish to sync with.

SECTION 4: Wi-Fi

Wi-Fi is a wireless networking technology that can provide Internet access at distances of up to 100 meters, depending on the Wi-Fi router and your surroundings. To use Wi-Fi, you connect to a wireless access point (WAP), or "hotspot." Some hotspots are open and you can simply connect to them. Others implement security features that require other steps to set up, such as digital certificates or other ways to ensure that only authorized users can connect. To extend the life of your battery between charges, turn off Wi-Fi when you're not using it. You can also set your device to disconnect automatically from Wi-Fi networks when it's sleeping.

4.1 :: Turn Wi-Fi On and Connect to a Wi-Fi Network

If you're adding a Wi-Fi network when first setting up your device, Wi-Fi is turned on automatically.

1. Touch the Settings icon on a Home or All Apps screen.
2. Touch Wireless & networks > Wi-Fi.
3. Slide the Wi-Fi switch to the On position.

The device scans for available Wi-Fi networks and displays the names of those it finds. Secured networks are indicated with a Lock icon. If the device finds a network that you connected to previously, it connects to it.

4. Touch a network name to see more details or connect to it. If the network is secured, you're prompted to enter a password or other credentials. (Ask your network administrator for details.) To modify a network's settings, touch and hold the network name.

4.2 :: Add a Wi-Fi Network

You can add a Wi-Fi network so your device will remember it, along with any security credentials, and connect to it automatically when it's in range. You must also add a Wi-Fi network if the network does not broadcast its name (SSID), or to add a Wi-Fi network when you are out of range. To join a secured network, you first need to learn security details from the network's administrator.

1. Turn on Wi-Fi, if it's not already on.
2. In the Wi-Fi settings screen, touch Add Network.
3. Enter the SSID (name) of the network. If necessary, enter security or other network configuration details.
4. Touch Save.

The information about the network is saved. Your device will connect to this network automatically the next time you come within range.

4.3 :: Forget a Wi-Fi Network

You can make the device forget about the details of a Wi-Fi network that you added; for example, if you don't want the tablet to connect to it automatically or if it's a network that you no longer use.

1. Turn on Wi-Fi, if it's not already on.
2. In the Wi-Fi settings screen, touch the name of the network.
3. Touch Forget in the dialog that opens.

4.4 :: Configure Proxy Settings for a Wi-Fi Network

Some network administrators require you to connect to internal or external network resources via a proxy server. By default, the Wi-Fi networks you add are not configured to connect via a proxy, but you can change that for each Wi-Fi network you've added. Proxy settings are used by Browser but may not be used by other apps.

1. Touch & hold a network in the list of Wi-Fi networks you've added.
2. Touch Modify network in the dialog that opens.
3. Select Show advanced options.
4. If the network has no proxy settings, touch None under Proxy Settings, then touch Manual in the menu that opens.
5. Enter the proxy settings supplied by your network administrator.
6. Touch Save.

The proxy settings apply only to the Wi-Fi network you modified. To change the proxy settings for other Wi-Fi networks, modify them individually.

4.5 :: Set Wi-Fi Notifications, Disconnect Policy, and Other Advanced Options

To work with advanced Wi-Fi settings:

1. Turn on Wi-Fi, if it's not already on.
2. In the Wi-Fi settings screen, touch the Menu icon and choose Advanced.

These are the settings you can adjust:

- **Network notification:** By default, when Wi-Fi is on, you receive notifications in the Status bar when your device detects an open Wi-Fi network. Uncheck this option to turn off notifications.

- **Keep Wi-Fi during sleep:** To conserve mobile data usage, your device stays connected to Wi-Fi when the screen goes to sleep. Touch this option to change this default behavior. Either to stay connected to Wi-Fi only when the device is connected to a charger (when battery life isn't a problem), or never to stay connected to Wi-Fi during sleep. The latter choice is likely to increase mobile data usage.
- **Avoid poor connections:** Check to automatically avoid using networks with a low-quality or intermittent Internet connection.
- **MAC address:** The Media Access Control (MAC) address of your device when connected to a Wi-Fi network.
- **IP address:** The Internet Protocol (IP) address assigned to the device by the Wi-Fi network you are connected to (unless you used the IP settings to assign it a static IP address).

SECTION 5: Connections

5.1 :: Connect to a Windows Computer via USB

You can use a USB cable to connect your device to a Windows computer and transfer music, pictures, and other files in both directions. This connection uses the MTP protocol, which is supported by most recent versions of Windows. If you are using USB tethering, you must turn that off before you can use USB to transfer files between your tablet and computer. When you connect your device to the USB port on your computer, its USB storage is mounted as a drive and appears on your computer screen. You can now copy files back and forth as you would using any other external device. When you're finished, simply disconnect the device by unplugging the USB cable.

Note: You must use the OTG/CHARGE USB port on your device to connect to a computer.

5.2 :: Connect to a Macintosh Computer via USB

You can use a USB cable to connect your device to a computer running Mac OS X with a USB cable and transfer music, pictures, and other files in both directions. This connection uses the MTP protocol, which is not supported by Mac OS X natively. Therefore, you first need to install the free Android File Transfer application on your Macintosh. It's available from www.android.com/filetransfer, along with instructions on how to install it. After you install Android File Transfer, follow these steps:

1. If you are using Android File Transfer for the first time, double-click it to open it. After you start Android File Transfer once, it opens automatically whenever you connect your device to your computer.
2. Connect your device to your computer with a USB cable. Android File Transfer starts, if it's not already running, and opens a window that displays the contents of your device, along with storage

space details at the bottom of the window. You work with this window much as if it were a Finder window: opening and closing folders, creating new folders, and dragging files to or from it and other Finder windows. Disconnect the USB cable when you're finished.

5.3 :: Connect to Virtual Private Networks

Virtual private networks (VPNs) allow you to connect to the resources inside a secured local network, from outside that network. VPNs are commonly deployed by corporations, schools, and other institutions to let people access local network resources when not on campus, or when connected to a wireless network. To configure VPN access, you must first obtain the details from your network administrator. Depending on your organization's solution, you may need to obtain a VPN app, either from your administrator or from an apps market. The VPN settings screen allows you to add VPN networks and adjust their settings. To view this screen and perform the tasks described here:

1. From a Home or All Apps screen, touch the Settings icon.
2. Under Wireless & networks, touch More > VPN.

5.4 :: Add a VPN

1. From the VPN screen, touch Add VPN network.
2. In the form that appears, fill in the information provided by your network administrator
3. Touch Save. The VPN is added to the list on the VPN screen.

5.5 :: Connect to a VPN

1. From the VPN screen, touch the name of the VPN.
2. In the dialog that opens, enter any requested credentials.
3. Touch Connect.

When you're connected to a VPN, a Status icon and notification are displayed continuously. To disconnect, touch the notification for the VPN connection.

5.6 :: Edit a VPN

1. From the VPN screen, touch and hold the name of the VPN.
2. In the dialog that opens, touch Edit network.
3. Edit the VPN settings you want.
4. Touch Save.

5.7 :: Delete a VPN

1. From the VPN screen, touch and hold the name of the VPN.
2. Touch and hold the VPN you want to delete.
3. In the dialog that opens, touch Delete network.

SECTION 6: Accounts and Sync

6.1 :: Add or Remove Accounts

You can use multiple Google Accounts and Microsoft Exchange ActiveSync accounts on your device. You may also be able to add other kinds of accounts, depending on your apps. Some you can add in the Accounts & Sync screen, as described here. Others you add using an app that works with those kinds of accounts. For example, you can add IMAP and POP3 email accounts with the Email app. To view the Accounts & sync settings screen described here:

1. From a Home or All Apps screen, touch the Settings icon.
2. Under Personal, touch Accounts & sync.

6.2 :: Add an Account

To add some accounts, you may need to obtain details from system administrator about the service to which the account connects. For example, you may need to know the account's domain or server address.

1. Go to Settings > Personal > Accounts & sync.
2. Touch Add account.
3. Touch the kind of account to add.
4. Follow the onscreen steps to enter information about the account.

Most accounts require a username and password, but the details depend on the kind of account and the configuration of the service you're connecting to. Depending on the kind of account, you may be

asked to configure what kinds of data you want to sync, name the account, and other details. When you're finished, the account is added to the list in Accounts & sync. Depending how you configured the account, email, contacts, and other information start syncing to your device.

6.3 :: Remove an Account

You can remove an account to delete it and all information associated with it from your device, including email, contacts, settings, and so on.

1. Go to Settings > Personal > Accounts & sync.
2. Touch the account to delete.
3. Touch Menu icon > Remove account.

6.4 :: Configure Account Sync Options

You can configure synchronization options for any of your apps. You can also configure what kinds of data you synchronize for each account. Some apps, such as Gmail and Calendar, have separate synchronization settings that provide more fine-grained control. In such cases, the settings you select at the account level are still valid. For some accounts, syncing is two-directional; changes that you make to the information on your device are made to the copy of that information on the web. Your Google Account works this way. Other accounts support only one-way sync: the information on your mobile device is read-only. To view the Accounts & sync settings screen described here:

1. From a Home or All Apps screen, touch the Settings icon.

2. Under Personal, touch Accounts & sync.

Some apps also have their own settings related to syncing. For example, to control message syncing in the Gmail app, touch Menu icon > Label settings > Sync messages.

6.5 :: Configure General Sync Settings

1. Go to Settings > Personal > Accounts & sync.

A green icon indicates that some or all of an account's information is configured to sync automatically. A gray icon indicates that none of an account's information is configured to sync automatically.

2. Check or uncheck Menu icon > Auto-sync app data to control whether changes you make to information on your device or on the web are automatically synced with each other. If you turn off Auto-sync, you need to sync manually to collect messages, email, and other recent information, and won't receive notifications when updates occur. For example, when this option is checked, changes that you make in your People app are automatically made to your Google contacts on the web. If this option is not checked, you may be able to use an application's tools to sync data manually. You can also sync manually to collect messages, email, and other recent information. Leaving Auto-sync off can help extend your battery life, but will prevent your from receiving notifications when updates occur.

6.6 :: Sync Information Manually

1. Go to Settings > Personal > Accounts & sync.
2. Touch the account whose data you want to sync.
3. Touch Menu icon > Sync now.

6.7 :: Change an Account's Sync Settings

1. Go to Settings > Personal > Accounts & sync.
2. Touch the account whose sync settings you want to change. The Sync Settings screen opens, displaying a list of the kinds of information the account can sync.
3. Check or uncheck items as needed. Unchecking an option does not remove the information from your device; it simply stops it from being kept in sync with the version on the web.

SECTION 7: Backup, Reset & Security

7.1 :: Change Backup & Reset Options

You can back up settings and other data associated with one or more of your Google Accounts. If you need to replace or factory reset your device, you can restore your data for any accounts that were previously backed up. To view these settings:

1. From a Home or All Apps screen, touch the Settings icon .
2. Under Personal, touch Backup & reset.

These options are available:

- **Back up my data:** If you check this option, a wide variety of your personal data is backed up automatically, including your Wi-Fi passwords, Browser bookmarks, a list of the apps you've installed from the apps markets, the words you've added to the dictionary used by the onscreen keyboard, and most of your customized settings. Some third-party apps may also take advantage of this feature, so you can restore your data if you reinstall an app. If you uncheck this option, your data stops getting backed up, and any existing backups are deleted from Google servers.
- **Backup account:** Displays the Google Accounts whose information gets backed up. You must sign in with one or more of these accounts on a new or reset device to retrieve the associated information. To add a new account, touch Backup account > Add account.
- **Automatic restore:** Check this option to restore settings and other data when you reinstall an app. This feature requires that you are backing up your data with your Google Account and that the app

is using the backup service.

- **Factory data reset:** Touch this option, then Reset device to erase all your personal data from internal storage, including information about your Google Account, any other accounts, your system and app settings, any downloaded applications, and your music, photos, videos, and other files. After resetting your device, you'll need to re-enter the same information requested when you first set up your device. If you've been backing up your data to a Google account, an option during the setup process allows you to restore it. Some third-party apps also make use of the backup service, so if you reinstall one, its settings and data are restored.

7.2 :: Use the Lock Screen

To protect personal information, you can adjust your device's lock settings:

1. From the Home or All Apps screen, touch the Settings icon .
2. Scroll down and touch Security.
3. Touch Screen lock.
4. Touch the type of lock you'd like to use.

After you set a lock here, a lock screen displays whenever your screen wakes up, requesting the pattern, PIN, or other specified key. Screen lock options are listed in the approximate order of the strength of their security, starting with None and Slide, which provide no security. Pattern provides minimal security, although they can be more convenient than the stronger options. If your device is playing music when the screen locks, you can continue listening or pause the selection without unlock-

ing.

7.3 :: Set Screen Lock

Depending how you use your device, you may want to set some form of automatic screen lock to prevent unauthorized access. If a screen lock has been set, the screen locks when your phone's display goes to sleep. To adjust your phone's lock settings:

1. From a Home or All Apps screen, touch the Settings icon.
2. Touch Personal > Security > Screen lock.
3. Touch the type of lock you want and follow the onscreen instructions.

If you have previously set a lock, you must enter the pattern, PIN, or password to unlock the lock settings. You can choose among these lock options, listed in approximate order of strength:

- Slide provides no protection, but lets you get to the Home screen quickly, or open Camera and start taking pictures immediately.
- Pattern lets you draw a simple pattern with your finger to unlock the phone.
- PIN requires four or more numbers. Longer PINs tend to be more secure.
- Password requires four or more letters or numbers. This is the most secure option, as long as you create a strong password.

Important For best security, specify a password that is

- A least 8 characters long.
- Contains a mixture of numbers, letters, and special symbols
- Doesn't contain any recognizable words or phrases.

7.4 :: Encrypt Your Device

You can encrypt all the data on your tablet: Google Accounts, application data, music and other media, downloaded information, and so on. If you do, you must enter a numeric PIN or password each time you turn on your device. Note that this is the same PIN or password that you use to unlock your device without encryption, and cannot be set independently. Warning! Encryption is irreversible. The only way to revert to an unencrypted device is to perform a factory data reset, which erases all your data. Encryption provides additional protection in case your device is stolen, and may be required or recommended in some organizations. Consult your system administrator before turning it on. In many cases the PIN or password you set for encryption is controlled by the system administrator. Before turning on encryption, prepare as follows:

1. Set a lock screen PIN or password.
2. Charge the battery.
3. Plug in your device.
4. Schedule an hour or more for the encryption process: you must not interrupt it or you will lose some or all of your data.

When you're ready to turn on encryption:

1. From a Home or All Apps screen, touch the Settings icon.
2. Touch Personal > Security > Encryption > Encrypt phone.
3. Read the information about encryption carefully.

The Encrypt device button is dimmed if your battery is not charged or your device is not plugged in. If you change your mind about encrypting your device, touch the Back button.

Warning! If you interrupt the encryption process, you will lose data.

4. Touch Encrypt tablet.
5. Enter your lock screen PIN or password and touch Continue.
6. Touch Encrypt tablet again.

The encryption process starts and displays its progress. Encryption can take an hour or more, during which time your device may restart several times. When encryption is complete, you're prompted to enter your PIN or password. Subsequently, you must enter your PIN or password each time you power on your device, to decrypt it.

7.5 :: Work with Certificates

You can use digital certificates to identify your device for a variety of purposes, including VPN or Wi-Fi network access as well as authentication to servers by apps such as Email or Browser. To use a certificate to identify your device, you must obtain it with help from your system administrator, and install it in your device's trusted credential storage . Android supports DER-encoded X.509 certificates, saved in files with a .crt or .cer file extension. If your certificate file has a .der or other extension, you must change it to .crt or .cer or you won't be able to install it. Android also supports X.509 certificates saved in PKCS#12 key store files with a .p12 or .pfx extension. If our key store has some other extension, you much change it to .p12 or .pfx or you won't be able to install it. When you install a certificate from a PKCS#12 key store, Android also installs any accompanying private key or certificate authority certificates.

7.6 :: Install Client and CA Certificates

To install a certificate from your device's internal storage:

1. Copy the certificate or key store from your computer to the root of your device's internal storage (that is, not in a folder).
2. From a Home or All Apps screen, touch the Settings icon.
3. Go to Personal > Security > Credential storage > Install from SD card.
4. Touch the filename of the certificate or keystore to install. Only certificates that you haven't already installed are displayed.

5. If prompted, enter the key store password and touch OK.
6. Enter a name for the certificate and touch OK. Typically, a CA certificate included with a client certificate is installed at the same time. You can also install separate CA certificates using the same steps. If you have not already set a pattern, PIN, or password for your device, you're prompted to set one up. The type of lock that's acceptable may be predetermined by your system administrator. You can now use the certificate that you installed when connecting to a secure network or for client authentication with Email, Browser, and third-party apps. After a certificate is installed successfully, the copy in storage is deleted.

Important Apps such as Email and Browser that support certificates allow you to install certificates directly from within the app. For details, see the Help or other instructions that come with each app.

7.7 :: Work With CA Certificates

If a certificate authority (CA) certificate gets compromised, or for some other reason your organization doesn't want to trust it, you can disable or remove it. To do so, follow these steps:

1. From a Home or All Apps screen, touch the Settings icon.
2. Go to Personal > Security > Credential storage > Trusted credentials. The trusted credentials screen has two tabs:

System: displays certificate authority (CA) certificates that are permanently installed in the ROM of

your device.

User: displays any CA certificates that you have installed yourself, for example in the process of installing a client certificate.

3. To examine the details of CA certificate, touch its name. A scrolling screen displays the details.
4. To remove or disable a CA certificate, scroll down to the bottom of the details screen and touch either Disable for system certificates or Remove for user certificates. When you disable a system CA certificate, the button at the bottom of its details screen changes to Enable, so you can enable the certificate again if necessary. When you remove a user-installed CA certificate, it is gone permanently and must be reinstalled if you want it back.
5. In the confirmation dialog that appears, click OK.

Safety Information

- The battery is not intended to be replaced by the consumer. If you believe the battery is damaged or needs to be replaced, contact Visual Land customer support for inspection and/or replacement.
- Do not let the battery come in contact with liquids.
- Do not place your device near a heat source or leave it in your car in high temperatures.
- Do not dispose of the battery in a fire.
- Avoid dropping the device.
- Never use any charger or battery that is damaged in any way. Use only the provided charger which is specifically designed for your device.
- Do not use if screen is cracked or broken as this could cause injury to you.
- Please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic, non-sharp stylus. Using excessive force or hard or sharp objects when pressing on the touch screen may damage the tempered glass surface and void the warranty.
- Do not set the volume at its highest levels when using headphones. Prolonged exposure to loud noise could damage your hearing.

FCC Compliance

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.

FCC Radiation Exposure Statement: This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



FOR ADDITIONAL SUPPORT:
<http://www.visual-land.com/109faqs.html>



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