

Official User Guide

L47



TABLET CONTROL

CONTROL



Thank you for purchasing a L47!

We appreciate your business and know you'll love your brand new multimedia device. This guide is intended to help you with initial setup of your device and to familiarize you with the Android operating system.

Stay Up To Date!

For the latest updates, news, giveaways, downloads, and support tips, be sure to follow CRUZ on facebook and twitter!(Here are some email address about tablet)

Registration

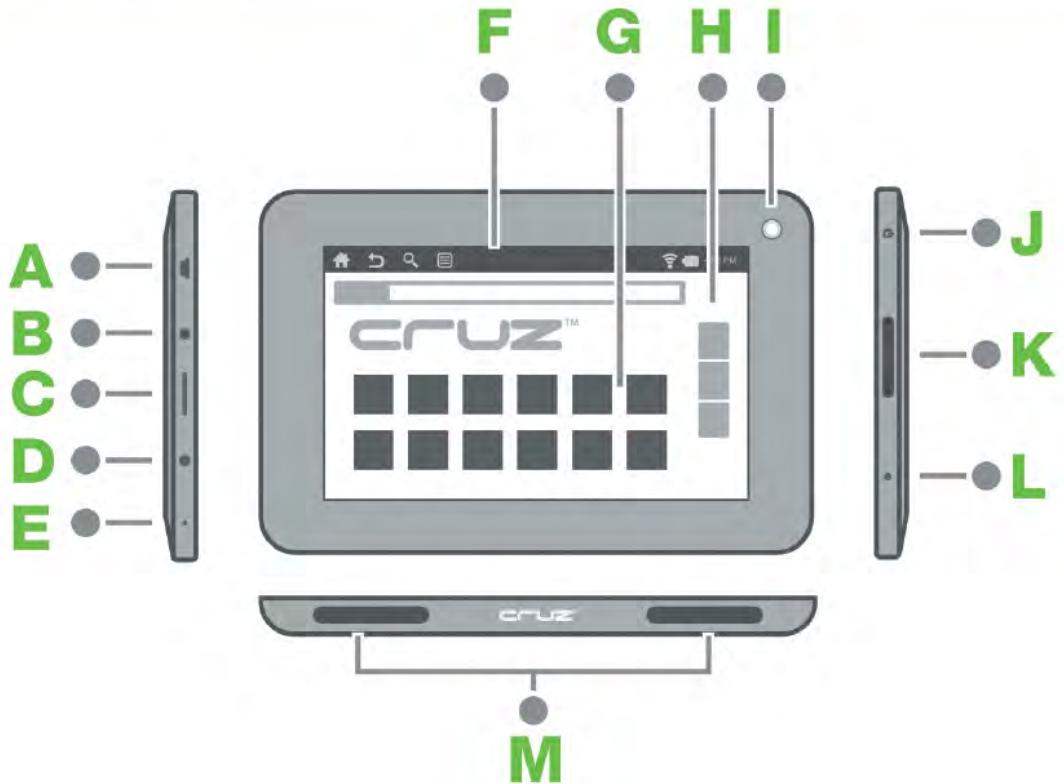
Before we get started, we recommend that you register your CRUZ L47. This allows you to get the most out of our CRUZ technical support. To register your product, please visit: www.....com/support

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Device Exterior:

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A. Mini USB Port

The Mini-USB port is used to tether your CRUZ L47 to a computer for file transfer as well as battery recharge.

B. DC-IN Power

Port used to charge your CRUZ with the included DC power adapter by connecting it to a surge protector or wall outlet

C. Micro SD Card Slot

Micro SD cards provide your CRUZ with expandable storage (up to 32 GB). Store tons of photos, videos, eBooks, music, and more.

D. Headphone Jack

Connect earbuds through this port for a personal media experience.

E. Microphone

An integrated microphone allows for audio-visual chatting and recording.

F. Status Bar

The status bar is an integral part of the Android interface. On the left side of the status bar, you'll find the following icons, left to right: Home, Back, Search, Menu. On the right side: Wi-Fi strength indicator, battery-life, and the time. At the moment, your Wi-Fi icon may display a weak or non-existent signal. Don't worry! We will be fixing that in the next section!

G. Widgets and Applications

Your Home-screen is very much like the “desktop” on a computer. It is a place for app shortcuts and widgets. You have a total of 5 customizable home-screens on your device. To shift screens, either slide your finger left/right, or tap the small grey bullets in the bottom left and right of the home-screen.

Your Home-screen has a designated area for widgets above the app shortcuts. “Widgets” are essentially “applications” that have functionality and accessibility directly from your home-screen. There are several pre-installed widgets on your CRUZ L47, such as a calendar and an analog clock, but you can download several others. To add a widget to your home-screen, press and hold on an empty space on the home-screen. Follow the on-screen instructions to add a widget. You can tap, hold, and drag to position the widget on your screen in the desired location.

H. Nav Bar

The Nav Bar is a semi-transparent 3-button bar at the bottom of the home screen. From left to right, the buttons are: “Gallery,” “App Panel,” and “Web Browser.” The Gallery button opens the primary image and video viewer application. The App Panel button displays all installed Applications. The Web Browser button brings up a new internet browser window.

I. Camera

An integrated front-facing camera turns your CRUZ into a fully-functional webcam.

J. Power Button

The power button is located on the top-right hand corner of the device. While running, this button is also used to send the CRUZ into “Sleep” mode, as well as waking the device up.

K. Volume Buttons (+/-)

The volume buttons are on the top right corner. Press + to increase volume, and - to lower it.

L. Reset

The reset button is inset to avoid accidental activation. To reset the device, use a thin, slender instrument to press down the button. Hold until the device resets.

M. Speakers

Your CRUZ L47 has two built-in speakers each located on one end of the device.

Starting the Device

To start your Cruz, press the on/off button located at the left side of the device.

When you first turn on the Cruz, you will be greeted with a CRUZ logo, then an ANDROID logo, and then your Home screen.

The display has a screen timeout by default set to 10 min. If the unit is left inactive for that period of time, the screen will go dark as if turned off. However, it is simply in standby mode. Tap the power button and a screen will appear with a green padlock button on the lower lefthand corner. This is your LOCK SCREEN. Drag the padlock to the right to unlock.

The Battery should have a nominal charge on it out of the box and should charge fairly rapidly. Connect the charger to the DC-IN jack on your Cruz for 3 hours for a full charge lasting approx. 10 hours. The unit also charges when tethered to PC via USB. Battery life will vary due to many conditions, especially when using Wi-Fi and maximum screen brightness.

Sleep Mode

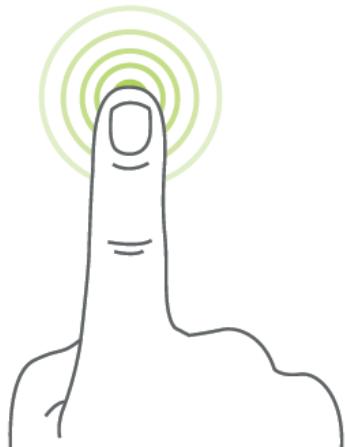
To save battery, you should put your Cruz in sleep mode by turning off the LCD display. To do this, tap (not hold) the power button. Tap again to bring up the lock screen. In standby mode, the battery still discharges as the device continues to run. If left in standby indefinitely, the battery will die and the unit will need to be recharged before normal use.

Power Down

To turn off your Cruz completely, press and hold the power button until the “Device options” dialog appears and tap “Power off.” You should then see a dialog box that reads: “Your device will shut down.” Tap “OK” and your device will proceed to shut down. When powered down, the device will not discharge the battery.

II. Hand Gestures

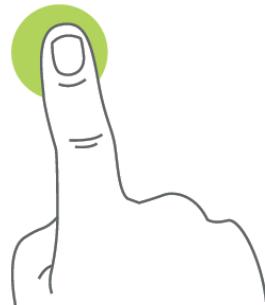
Tapping



Touch your finger to the screen and remove immediately to select an item on the screen. This is the equivalent of a mouse “click” on a computer.

Long-Pressing

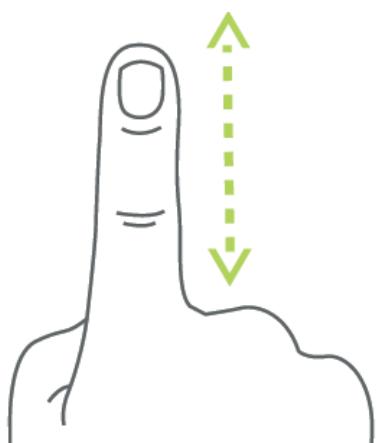
Press and hold your finger on the screen for 2-3 seconds. Oftentimes this will open menu options or perform an app-specific function.



Dragging

Press and hold your finger on the screen, then slide in the desired direction.





Scrolling

Sliding your finger up and down in a vertical, flicking motion scrolls through menus, websites, and lists.

The faster you slide, the faster the scrolling motion will be.



Swiping

Sliding your finger left and right scrolls horizontally. Some eReader apps are designed to turn the page in the direction you “swipe.”



Pinching

Positioning your thumb and index finger roughly 1-inch apart while “pinching” or “spreading” them typically zooms in or out, respectively.

III. Your Home Screen

Think of your home screen as your desktop. What goes on the home screen is up to you. You can fill the space with any combination of shortcuts, widgets, and folders you like. Some pre-installed shortcut icons will appear at the bottom, and a Google Search Widget appears at the top. You have five customizable home screens in total.

When you power up your Cruz for the first time, you'll see the main home-screen panel. This panel is typically centered; you can access additional panels on either side of the main one by sliding your finger left or right. Tapping the dots in the bottom left and right screen will also shift home screens. On the status bar, you'll see four "control buttons" on the left:



Home

The Home icon brings you back to the main Home Screen no matter what app you are running. Keep in mind hitting the "Home" button does not stop an app from running. The application will continue to run in the "background" unless terminated.



Back

The Back icon takes you to the previous screen you viewed. This operates very much like the "back" button on an internet browser, only it functions within all sorts of applications rather than just on the web. If you tap this icon enough times, it will return you to the home screen.



Search

The Search icon allows you to run queries on key words within applications. It also helps you find file names and media on your Cruz's storage. If on the Home Screen, it launches a Google Search.



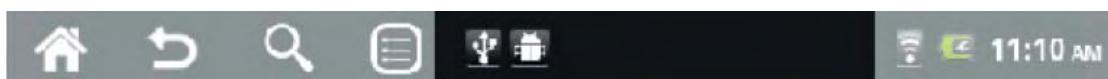
Menu

The Menu icon does several different things and can function very different from app to app. Generally this button is utilized for settings, options, or preferences.

III. Your Home Screen (cont'd)



The time, Wi-Fi signal, and battery icons are on the right hand side of the Status Bar. The battery icon will change as the energy is used up. It will turn orange to warn you that you should consider charging the unit. When the icon is red, it is nearly dead and requires immediate charge. While charging, the icon will change to an animating green bar with a thunderbolt on it. The Wi-Fi icon will only appear when there is a Wi-Fi signal connected.



In the center of the Status Bar is the Notification Area. Various icons will appear for different reasons, notifying you of change of status or the completion of tasks being performed. For instance, once a download is started, a download icon will appear. For more information about these notifications, swipe the Status Bar downward to open the Notification Panel [or tap “Menu,” then “Notifications”]. When tasks are completed, you can open these files or clear these notifications. You can close the Notification Panel by swiping up again from the panel’s control handle.

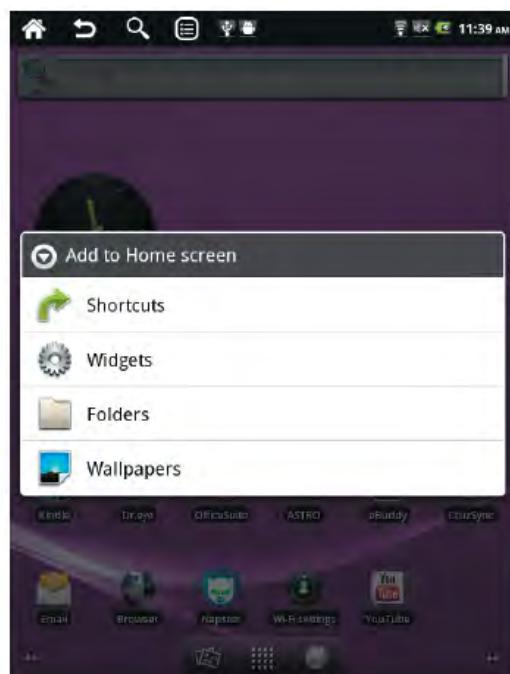


At the very bottom of the Home Screen, you have 3 buttons that make up the main shortcuts. On the left you have a shortcut button to your media library, aka photo, video, and music gallery. In the middle is a shortcut to the application panel, which shows you all the apps you currently have installed on the device. The button on the far right is a shortcut to your web browser. Tapping this will bring up a new browser window. On either side of these nav buttons are tiny white dots. Tapping these will cycle through your various home screens. Each homescreen can have unique widgets and application shortcuts. You have 5 “home screens” in total.

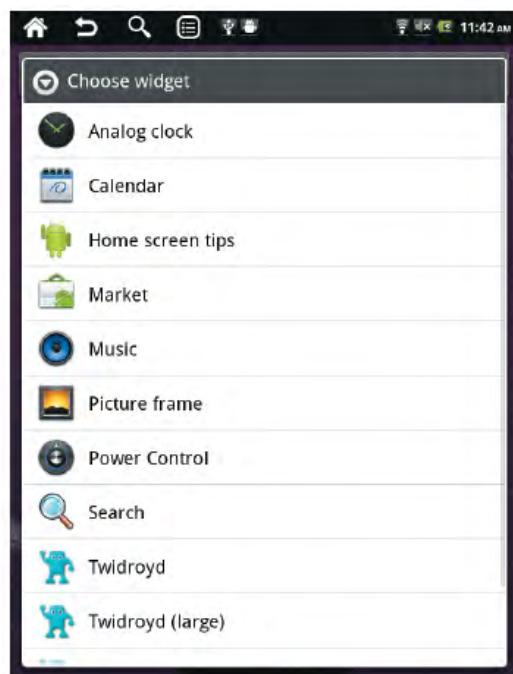
IV. Adding Widgets to the Home Screen

Widgets allow you to place a function of an app onto your Home Screen. For instance, you may add an Analog clock, calendar, picture frame, and other useful widgets. To add a widget, long-press, or tap/hold your finger on any open space on your home screen, and select Widgets from the context menu that opens. From there, select any of the available widgets.

You may long-tap and drag any widget to move it to the desired location on your Home Screen. To remove a widget, you must long-tap the widget, a trash can will appear at the bottom of the Home Screen. Drag the widget into the trash can. When it turns red, release the widget into the trash.



Tapping/holding on an open spot on the homescreen opens this window, from which you choose “Widgets.”



After tapping “Widgets,” this window expands and gives you all the widget options that your Cruz has installed or isn’t currently using.

NOTE: Widgets that require web access are known to drain battery life. If you choose to install a widget that does need web access, you may want to consider switching it off when not in use for the best user experience

V. Connecting to Wi-Fi

Introduction

For the sake of this guide, the assumption is that you are connecting to your Cruz to your own home Wi-Fi Access Point (AP) or a free unsecured Wi-Fi hotspot. From the Home Screen, select the shortcut icon that reads Wi-Fi Settings and ensure that both Wi-Fi and Network Notification are enabled with green check marks. After a moment, your Wi-Fi networks list should populate. If you need to rescan for available networks, tap Menu> then tap Scan.



V. Connecting to Wi-Fi (cont'd)

Accessibility

If a password is required, tap the password text field for the popup keyboard, and enter the security key

Many public Wi-Fi hotspots are freely accessible, though not all are. Some are secured, others are open. And still others appear to have no security, but require either access codes or some other form of access agreement acknowledgment via a browser. It is possible to connect to such a signal, appear to be connected, and still require validation.

Once the Cruz has successfully connected to any SSID, it is saved. The unit will try to auto-connect to the most recently successful connection. When that SSID is no longer available, it is listed in the Wi-Fi networks list as “Not in range, remembered” in the status line.

Troubleshooting

1. If you change the password of your wireless network, be sure to also change the remembered password.
2. If the connection is not made automatically, you may need to scan again by tapping
Menu > Scan
3. If scanning appears ineffective, turn off Wi-Fi and turn it back on again, then scan again.
4. If your Wi-Fi seems to turn off when your device sleeps, you may disable this under Menu> Wi-Fi Sleep Policy.
5. Be sure that the signal strength is not too weak or not in range, understanding that other radio devices like cordless phones may interfere with the signal quality.
6. Some Wi-Fi signals, though listed as unsecured, may still block connections using MAC address filtering. This will need to be disabled in the Wi-Fi router, or the device's MAC address will need to be added to the router as an acceptable device connection.
7. Some Wi-Fi signals appear to be unsecured, but once connected, opening the web browser does not take you to your home page, but to a security page where you must enter credentials or agree to terms of use before getting full web access.

VI. Email Setup

Introduction

The pre-installed Email app is a simple but effective email client for both POP3 and IMAP email services. Configuration is automatic for some email services. For those that are auto-configured, you only need to enter the email address and password, then click next. If this does not work, you'll need to manually configure your account. Details are below.

Prior to beginning, you will need detailed email configuration information which is available from your service provider. You may have to locate the server settings information at your Email Provider's support website, or you may need to call their support line. Unfortunately Velocity Micro cannot provide assistance with this step. Below is the information you will need:

Server Type	You must select POP3, IMAP, or Exchange according to your email service provider's instructions. Typically this is POP3, but many are now allowing for IMAP service. If you need to connect to an Exchange server, contact your business systems Network Administrator for assistance.
Username or Email Address	This must be either your email alias (the part in front of the @ character), or your full email address.
Password	The password is case sensitive
Incoming mail server	This is the address at which your incoming mail is waiting for you.
Port	You must specify a port number for communication with your incoming mail server.
Outgoing mail server	This is the address which is waiting for your outgoing mail.
Port	You must specify a port number for communication with your outgoing mail server.
Security Type	You must specify if/whether a security method is required for communication with your incoming mail server.

Next, complete the fields for the Incoming Server portion of the manual setup. After completing the Incoming Server portion of the manual setup, the app will test your settings. If everything is correct, it will proceed with the Outgoing Server portion of the manual setup. Once that test completes, give the account a name, enter your

display name, and you're done!

VII. Saving Battery Life

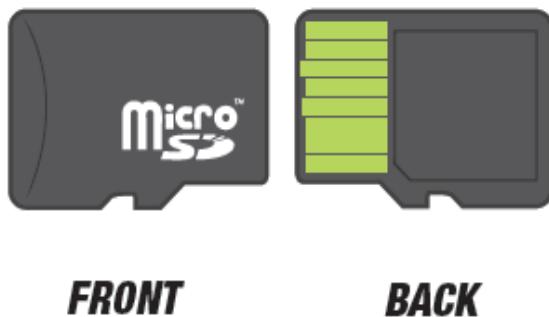


Tips on Extending Battery Life

- 1 Streaming audio or video apps will use a lot of battery life
- 2 Disable Wireless Network Positioning. You can turn it off from Settings > Location & Security > Use wireless networks.
- 3 Switch off Wi-Fi if you're not close to a strong Wi-Fi signal for extended periods of time. This puts strain on the device.
- 4 Use a Quick Screen Timeout. You can alter this option from Settings > Sound & display > Screen timeout.
- 5 Reduce brightness to a comfortable level using a widget (Section IV) or at Settings > Sound & display > Brightness.
- 6 Use Web Widgets wisely. Widgets that access the Web consume more power than widgets that do not.
- 7 Reduce Automatic Updates. Adjust settings within your apps that use an auto-update feature to do so rarely or only manually.
- 8 You may consider a power management app that will regulate the settings discussed above.

VIII. Micro SD Cards

There are two areas for storage on your CRUZ . The first is a micro SD card slot located on the top of your device. You may purchase micro SD cards in a wide range of capacities, varying from 1GB-2GB



To properly load the micro SD card place your CRUZ flat a surface with the screen facing up. Then, with the BACK of the micro SD card showing, slowly and carefully push the card into the micro SD card slot located on the side of the device. Gently push the card until you feel a "click". The card should be instantly recognized by the CRUZ. How to manage files on the card will be covered next.



CAUTION:

If you try inserting the micro SD card in the incorrect direction, both the micro SD card and the CRUZ L47 may become damaged. Damages of this nature cannot be covered by the 1 year limited warranty.

IX. Device Storage and ASTRO

There are TWO areas for storage on this device:

Name	Capacity	Appears in ASTRO as	Storage Uses
micro SD Storage	Supports up to 32 GB	/sdcard	<p>The Android apps you install will write file folders and app content to this removable storage. You may copy content to this location, but be careful of what you delete as it may impact the function of your apps.</p> <p>This slot on the top left corner is for micro SD flash memory cards (up to 32GB) and is useful for storage, or for transferring files to and from your Cruz and your computer.</p>
Built-in Storage	2-4 GB	/	The Android operating system uses this internal embedded storage.

NOTE: To protect your micro SD card's file and directory structure integrity, it should be unmounted before removed. To do this, tap Menu > Settings > SD card & device storage > and under SD card tap Unmount SD card. This best practice is not always followed by most users, and generally no data loss occurs. When this does happen, the Cruz may attempt to save lost data to a folder called LOST.DIR. This folder generally has useless data and can be ignored.

IX. Device Storage and ASTRO (cont'd)

Using ASTRO as a Task Killer

ASTRO is your file manager app. Use it to browse your storage location and manage files on the micro SD card as well as the internal storage. It also features an Application Manager to help install or uninstall your apps, and an micro SD card usage monitor as well. Learn more about how to use ASTRO at <http://www.metago.net/>

You can even use ASTRO to kill all tasks. When multiple apps are running at once, more energy is used up and your device runs slower. Adding a task killing shortcut on your homescreen is very useful to avoid this. Follow these steps:

- 1 open ASTRO
- 2 Tap “Preferences” (Prefs icon on toolbar)
- 3 Tap “Home Screen Icons”
- 4 Check the box for “Processes”
- 5 Tap “Home” and tap on your new shortcut to open the app.
- 6 Tap the apps you want to stop and then tap “Kill Application.” To avoid system instability, avoid tampering with the “Services” and “Processes” tabs

Common Actions Using ASTRO

Copy File(s)	Long click on the file name, select “Edit/Copy.” If there are multiple files, first tap “Multi” button, then “Edit/Copy.” Then navigate to the new directory and tap Edit/Paste
Move File(s)	Long click on file name, select “Edit/Move” then “Edit/Paste” in new directory. If there are multiple files, tap “Multi” first.
Install Apps	In the “Backed Up Apps” tab, check the desired app and tap “Install”
Uninstall Apps	In the “Installed Apps” tab, check undesired apps and tap “Menu/Uninstall”

X. Transferring Files



Tether Via USB to Computer

Step 1 Turn on your Cruz and connect a mini USB cable to the Cruz device and to your PC.

Step 2 Slide the notification panel down and tap the alert that reads, “USB Connected Select to copy files to/from your computer,” then tap “Turn on USB Storage.”

Step 3 This should only be required once. After doing this, the alert should change to “Turn off USB storage ...” This is normal when tethered.

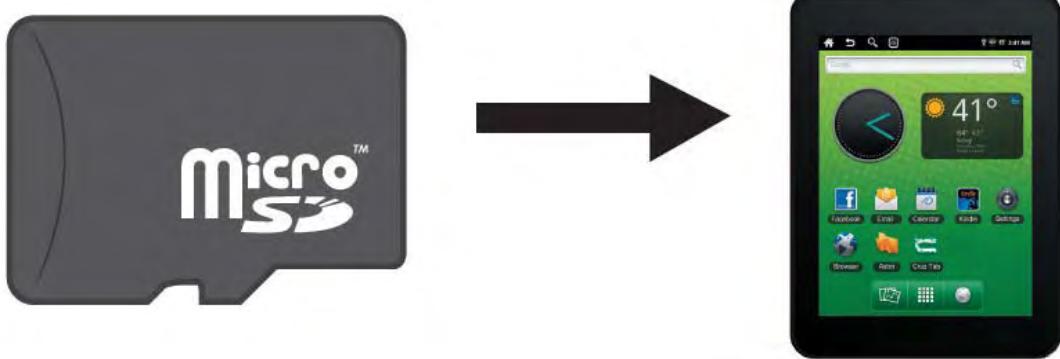
Step 4 Your micro SD card will appear within Windows with a new drive letter assigned. The Auto play feature of Windows may or may not open asking you what you want to do with the media. Click Open Folders to view files. If not, navigate to the proper drive from Windows Explorer by right-clicking the “Start” button.

Step 5 You may now copy files to and from the device as needed. You may create folders here to organize content, or you may place content in existing folders for use by the application that created the folder.

Step 6 When you are done with file management tasks, You may use the Windows application “Safely Remove Hardware” to unmount the Cruz USB drives. You may also tap “Turn off USB storage - Select to turn off USB storage” on the Cruz device.

Step 7 You may now disconnect your USB cable from your Cruz device. Cruz access to the micro SD card returns.

X. Transferring Files (cont'd)



Transfer via micro SD card

Step 1 Unmount the micro SD card: Settings>SD and Device Storage>Unmount SD Card

Step 2 Eject your micro SD card and insert it into SD card adapter. Then insert SD card adapter into your PC

Step 3 Transfer files as needed

Step 4 Eject micro SD card from PC, remove micro SD card from the SD card adapter, and reinsert into Cruz

NOTE: You may also use email or a 3rd party app that allows for file management via Wi-Fi

X. Transferring Files (cont'd)

How to Copy to “FLASH” storage

Step 1 Turn on your CRUZ and connect a mini USB cable to the Cruz device and to your PC.

Step 2 While you connect the device to your PC , you will see this image on your “status bar” at the top of your Cruz. This confirm that your Cruz connected to your PC

Step 3 Long-tap the status bar and drag to reveal more options. Tap “USB connect”

Step 4 Tap the button “Turn on USB storage” in the bottom right of the screen to make Internal storage shown in your PC.

Step 5 You may now copy files to and from the device as needed. You may create folders here to organize content, or you may place content in existing folders for use by the application that created the folder.

Step 6 Open a MicrosoftR WindowsR Explorer session and open the USB disk device named “removable disk(G) or (H)”

XI. File Formats

The file formats that this device can support are numerous, but not infinite. The pre-installed apps should allow you to view many Microsoft Office file formats, including Word, Excel, and PowerPoint, as well as many eReader file types, and music and video

Most files should work, but not all files are encoded the same. For example, some MPEG4 files will work but others may not, depending on how they were encoded and compressed. It should be treated with a case-by-case approach.

Supported Formats	
 <i>Audio</i>	ACC, MP3, WAV, WMA, OGG
 <i>Video</i>	AVI, MOV, MP4, RM, RMVB, MKV, FLV, 3G, MPEG2, H.263
 <i>Images</i>	JPEG, GIF, BMP, PNG
 <i>Reader Files</i>	PDF, ePUB, HTML, TXT
 <i>Office Documents</i>	DOC, DOCX, XLS, XLSX, PPT, PPTX, PPS

NOTE: Android OS handles many formats automatically, but
3rd party apps may be required to open other formats

XII. Preloaded Apps

What Apps Are Installed Out-of-the-box?

Icon	Name	Requires Wi-Fi	Purpose
 Clock	Clock	No	Allows you to set alarms for easy reminders.
 ASTRO	ASTRO	No	This is your file management application. Use it to browse your storage locations, transfer files and even install/uninstall apps.
 Amazon ® Kindle	Amazon ® Kindle	Yes	Your primary eBook library portal. Wi-Fi is only required for downloading new content.
 Browser	Browser	Yes	Default Internet browser. Surf the web, store tons of bookmarks, and stay in the loop!
 Calculator	Calculator	No	Turns your Cruz into a fully functioning calculator with touch screen inputs.
 Calendar	Calendar	No	Stores important scheduled events, organizes your appointments. Stay up to date!
 CruzMarket	CruzMarket	Yes	Browse, purchase, and install applications specifically selected to work great on the Cruz. Many are free!
 CruzSync	CruzSync	Yes	After you sign up for a free account, you can store files in hyperspace using this convenient back-up tool. You can even stream your MP3 library!
 Dr.eye	Dr.eye	No	Full dictionary application.
 eBuddy	eBuddy	Yes	Instant messenger application. Supports your MSN, Yahoo!, AIM, ICQ, GoogleTalk and FaceBook contacts in one single buddylist.

XII. Preloaded Apps (cont'd)

Icon	Name	Requires Wi-Fi	Purpose
	Email	Yes	Set up most web based email accounts quickly and easily with this default mail application. Stay in touch through any Wi-Fi hotspot.
	FaceBook Mobile	Yes	Log into your FaceBook account and stay connected on the go!
	Gallery	No	Access photo or video files for play or display right on the Cruz's full color screen. Use your Cruz as a digital picture frame or fully mobile media hub!
	Music	No	Jam to your favorite tunes! Insert headphones or listen through the built-in speakers. This app can play music while other apps are running.
	Napster	Yes	Purchase songs and download them directly to your CRUZ T301! Requires Wi-Fi only when browsing and downloading music.
	Office Suite	No	Allows you to view Microsoft® Office files, including Excel® Spreadsheets, Word® documents, and even PowerPoint® presentations.
	Settings	No	Access device settings for Wi-Fi, sound and display, location and security, applications, SD card settings & device storage, privacy, language and keyboard, and date and time.
	Twidroyd	Yes	Tweet updates to all your followers with this useful Twitter application!
	UserWallpapers	No	Offers multiple preinstalled wallpaper options that give your Cruz a stylish flair! Upload your own images to make it truly personal!

XIII. Buying eBooks

How To Buy eBooks from the Kindle Store

Your Cruz offers the remarkable opportunity of carrying all your favorite books in the palm of your hand. Each Cruz comes pre-loaded with the Kindle for Android application. This application is a library portal allowing users to sign into their personal Kindle account, browse an immense selection of literature, and purchase/download books in an instant! There are even 100's of free eBooks available for download.

STEP 1

Click on the Kindle icon located on the Home Screen or on your App panel. The app requires Wi-Fi connection, so make sure you are connected.

STEP 2

Once the application loads, create or sign into your Amazon account. This is a free service. If you have forgotten your username or password, the Amazon website (www.amazon.com) is helpful in getting those back.

STEP 3

Once you are logged in, Tap the “Menu” button on the status bar. Then select “Kindle Store” to launch the online Kindle store. You will be presented with numerous genre options. Pick one!

XIII. Buying eBooks (cont'd)

STEP 4

When you find a book you want to download/purchase, click on the book cover.

STEP 5

It will bring you to a product page with the book cover, the price, a “Buy Now” button, as well as a synopsis of the book lower on the page

STEP 6

Clicking “Buy Now” will confirm that you want to add the book to your library. To begin the download, tap the “Menu” button on the status bar, then select “Sync” from main Kindle screen. Then select “Archived Items” from the “Menu” button to load the book.

XIV. Reading 3rd Party eBooks

Many eReader files are in the ePUB file format. The Cruz does not support this file format, so an additional application available on the Cruz Market must first be downloaded.



Keep in mind that many ePUB files are also DRM-protected (Digital Rights Management), preventing illegal distribution of publications. In order to read DRM-protected ePUBs, you will need to download a specialized application that manages the DRM requirements.

For instructions on how to read a DRM-protected ePUB on your Cruz, visit www.....com/support

Reading e-Pub files that are NOT protected by DRM

Step 1 Install Word Player from the Cruz Market (Apps > Books & Reference > Word Player) onto your Cruz.

Step 2 Transfer your ePUB files to your micro SD card at the following folder location: /sdcard/Books

Step 3 Open Word Player and select “Load ePUB from SDcard.” Navigate to the “Books” folder and select your book to begin reading.

Reading PRC and MOBI files with kindle APPS

Step 1 Transfer the .prc or .mobi files to your micro SD card at the following folder location: /sdcard/kindle

Step 2 Open Kindle app and the books will appear in your library

Reading PRC and MOBI files with Kindle App

NOTE: The Kindle App, iReader, and others work well. It is known that FBReader and ‘txtr’ are not compatible with the Cruz. It is not yet known what other apps will be added to the Cruz Market to support these file types

XV. Playing Media

Not only does your Cruz hold tons of eBooks, browse the web, and keep you connected with social networks, it also functions as a great portable media player too. Just load up your micro SD card with your music collection, favorite pictures, or digital videos and take all of your favorites on the road with you. Before beginning, you should understand that certain file formats are not supported. These file formats may require additional applications to open.

Music

After loading your music onto your Cruz, tap the music icon (found by default on your home screen or by opening the App Panel). You'll be given the option of selecting by Artist, Song, Album, or custom Playlist. Tap to select. Your selection will begin to play through the Cruz's built in speakers or through external headphones if attached via the headphone port. The Cruz media player allows you to shuffle, skip, or pause your current selection and even displays the album artwork when available.

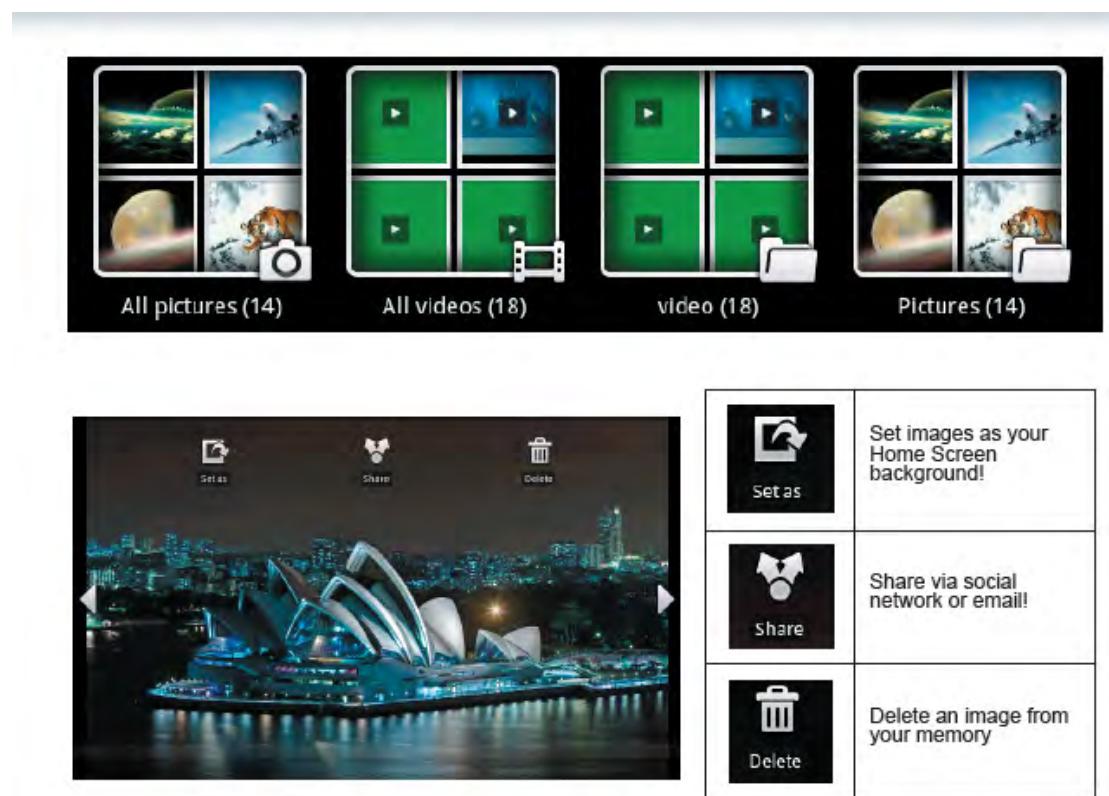


Pictures

You can view, show off, and even edit your digital pictures on the Cruz's full color, high resolution display. After loading your media tap Gallery on your home screen or within the App Panel, then select All Pictures. Tap the desired picture to display. To scroll through your collection, tap left or right.

You can even set images as your wallpaper or share via your social networks by using the icons along the top of the display.

XV. Playing Media (cont'd)



Video

You can play videos stored on your Cruz's micro SD card via the gallery function as well. To play, tap Gallery, then All Videos, then select the video you'd like to play. Your selection should begin automatically. Pause or advance your video via the toolbar along the bottom of the screen.

NOTE: Your media playback experience will be optimal with no other apps or widgets running in the background. If you experience hesitation or stuttering with your video or audio playback, first try terminating all running applications. See the ASTRO section for help terminating applications.

XVI. Camera

How to Use the Built-In Camera

There is one forward-facing camera on your CRUZ L47. It is capable of capturing both still images and video. There is a pre-installed application used to shoot photos/video and save them to your device. To access this application, tap the round, grey icon on your homescreen labeled “Camera.”

A grey panel will appear on the right with several buttons. Among these is a vertical sliding-panel with 2 main options on it:

Once you have dragged the dark round dial to the proper media-type you'd like to capture, position the camera on the CRUZ L47 in the direction of your target.

When taking photos, tap the bottom icon once. When taking video, tap the bottom icon to begin recording, then again to end recording.

Many different applications can access the built-in camera, the most popular of which is Skype. Skype is a free webcam communication application that allows the person you are chatting with to see and hear you in real time.

XVII. Bluetooth

The CRUZ L47 has built-in Bluetooth functionality, which enables other devices to interact with your CRUZ L47 wirelessly. To utilize the bluetooth function of your CRUZ, follow these steps:

Step 1 Tap the Wi-Fi Settings icon then tap Wireless & Networks > Bluetooth settings

Step 2 Tap “Bluetooth” to turn on Bluetooth power.

Step 3 Tap “Discoverable”

How to Connect Devices

Step 1 Ensure that the device you are connecting to your CRUZ L47 is also set to “Discoverable” mode.

Step 2 Tap the Wi-Fi Settings icon then tap Wireless & Networks > Bluetooth settings

Step 3 Tap “Bluetooth” to turn on Bluetooth if necessary, then tap “Find nearby devices” to scan for available bluetooth devices in range. Tap the device you wish to connect with

Step 4 If necessary, tap “Pair” or enter the passkey for the device. A bluetooth icon should appear next to the device once connected

XVIII. Flash and Youtube

Flash Video

Android 2.3 natively supports FLV video and other Flash-based content. That means that YouTube, Facebook games, and other Flash-based interactive content on webpages and games will function without the need for third-party applications.

XIX. Installing Apps

Where Do I Get Apps From?

Android Applications are available via the Cruz Market or other third-party sources like the developer's website.

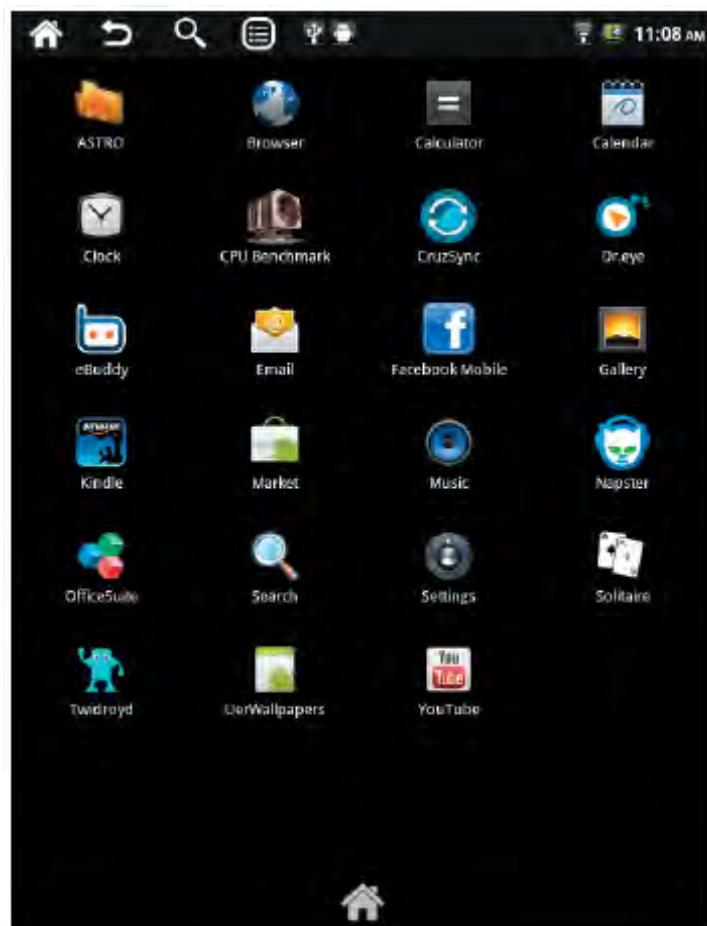
Many Android apps are designed for use with phone devices rather than just tablet devices, but many, many more are great for use on tablets! You can also install any number of eReader Android apps, allowing you to have multiple eReader file formats, all on one Cruz



CruzMarket

Visit the CruzMarket for access to 100's of apps. Some of them are free downloads!

To the right you'll see the expandable App Panel that can be found at the bottom of the homescreen. This is the portal through which all of your applications can be accessed.



NOTE: Google does not permit access to the Official Android Market at this time for any tablet not identified as a "phone" or anything with a screen over 7 inches.

XIX. Installing Apps (cont'd)

How Do I Install An App?

The installation file for Android has a file extension of .APK. The steps below explain how to install these on your Cruz.

Step 1

Download your app to your PC. Files are often distributed in ar-chive format (ie: .ZIP, .RAR). If so, their contents first must be extracted so that the .APK file is all that remains. Note: If the file you download looks like “appname.apk” you can skip to Step 2.

Step 2

Unmount the micro SD card prior to removal. Once unmounted, eject the micro SD card, insert it into the SD slot on your PC, and copy the appname.apk file to it.

Step 3

Open the Application Manager (Settings > Applications) and make sure the Unknown Sources option is checked so that you may install 3rd party apps.

Step 4

Open your File Manager app and navigate to your /sdcard folder to locate your app. Tap to install using Application Manager.

NOTE: If your application fails to install, this may be due to an incompatibility with your Cruz. Applications that are coded to use hardware features not included in your Cruz (GPS, 3G) may not install or function properly.

How Do I Uninstall An App?

Slide the app panel up and tap on Settings > then Applications > Manage Applications> tap on the unwanted app> then Uninstall. Follow the prompts to complete the uninstallation.

NOTE: Preinstalled apps cannot be uninstalled, except for the Kindle app.

XX. System Requirements XX. System Requirements

Platform	 Windows	 Mac
Operating System	Microsoft® Windows® 2000, Me, XP, Vista, 7 or higher (32-bit or 64-bit)	MAC OS X v10.4, 10.5 or higher preferred
Processor	Intel Pentium II or AMD K6-2 300MHz or higher	PowerPC G3 300MHz or higher Including Intel-based Macs
RAM	128 MB	256 MB
Video	Super VGA (800 X 600) or higher resolution video adapter and monitor	Super VGA (800 X 600) or higher resolution video adapter and monitor
USB	USB 2.0	USB 2.0

XXI. Open Source License XXI. Open Source License

Where such specific license terms entitle you to the source code of such component, that source code is available upon request via vmsupport@velocitymicro at cost from Velocity Micro or visiting our website in <http://cruzsupport.velocitymicro.com/> at least three years from the purchase date of this product. If you would like to have a copy of the GPL or certain other open source code in this component on a CD, Velocity Micro will mail to you a CD with such code for \$5 plus the cost of shipping, upon request.

This product's software/firmware includes the following open source components:

GPL license:

1. Xvid,
2. libmad
3. libfaad2

LGPL license:

1. FFmpeg

Full open source agreement is available for download at
<http://.....com>

XXII. Cruz Support and Registration

Cruz Support is available at <http://cruzsupport.velocitymicro.com>. There are a large number of informative knowledgebase articles to answer your questions. You can also download the latest manual for your product. Once registered at the site, you can register your product, submit tickets for support, and administer your tickets and personal profile.

How Do I Get Support?

Registering for support is easy and free.

1. If you have not already done so, create a Support account for yourself at our website: <http://.....com/ics/support/mylogin.asp>.

Note: Those customers who have purchased a Cruz product directly from Velocity Micro may skip this step.

2. Then register your purchased Cruz products:

<http://cruzsupport.velocitymicro.com/ics/support/productRegister.asp>

3. When complete, go to 'My Products'

(<http://cruzsupport.velocitymicro.com/ics/support/ myProducts.asp>) and submit a ticket for the product you are seeking support for. , you must first contact our technical ou create a ticket to upload your Proof of

XXIII. Contact Info

Contact Us

Address:

Phone:

Fax:

Websites:

Thank you for choosing