



***MobileLite Wireless G2
5-in-1 Mobile Companion
User Manual***



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Introduction

MobileLite Wireless G2 (MLWG2) is a portable media reader that allows you to wirelessly stream digital media content (such as music, photos, videos, etc). to your tablet or phone. Serving as its own mobile wireless network, MobileLite Wireless G2's lithium-ion battery gives you up to thirteen hours of Wi-Fi access to your digital library (within a 30-foot range) anywhere you go. MobileLite Wireless G2 is the perfect solution for expanding your on-the-go media library.

What will this device do for you?

- **Extend your mobile storage**

Simply plug your existing USB Flash drive or SD card to add capacity.

- **Smartphone charger**

Charge your phone up to 2x with a fully charged MobileLite Wireless.

- **Media Storage device**

This is great for movies, photos, music, documents. This is not great for applications, see next section.

- **SD Card/USB Reader**

Read USB Flash drives, USB external hard drives, SD cards or microSD cards from your mobile device.

- **Wi-Fi Access Point**

Plug in an Ethernet cable from an existing network to create your own Wi-Fi network.

What won't this device do?

- **Application Storage**

Most mobile operating systems will not allow you to run apps from external storage.

- **Tablet charger**

While it will provide a charge to your tablet we feel it is too slow of a process to recommend this function.

- **Standalone Wi-Fi Hotspot**

There is no Internet connection built into the device. You will need to join the MobileLite Wireless to an existing network in order to use the Internet.

What's Included:



1 - MobileLite Wireless G2



1 - USB Cable (1.5ft. A to Micro-B)

(For charging the MLWG2 and connecting to PC as a local reader)

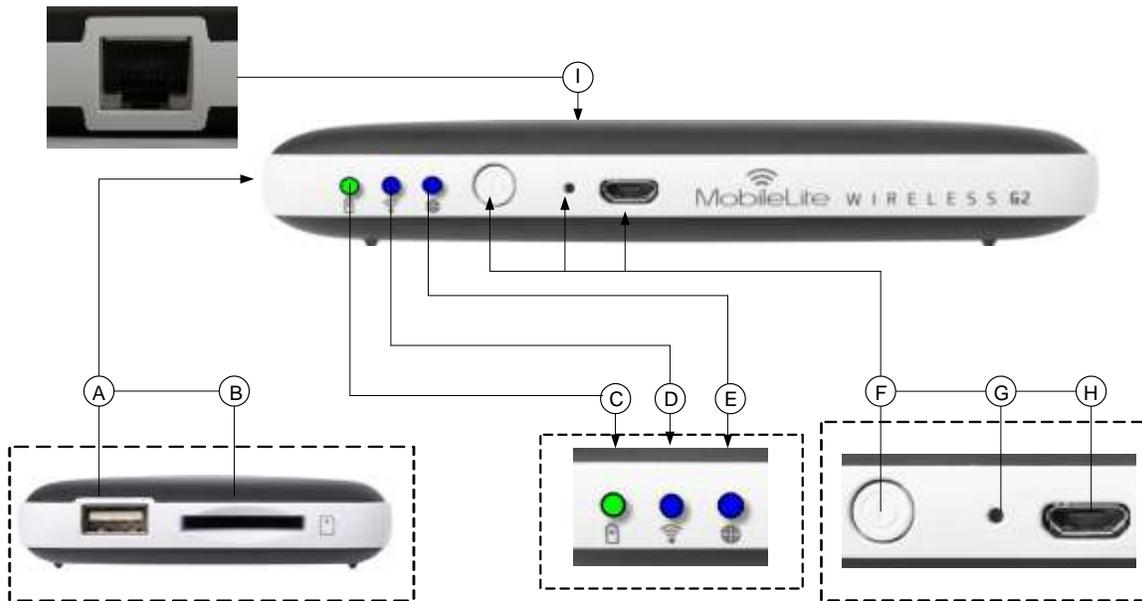


1 - MicroSD Adapter

(Allows you to plug a MicroSD card into the MobileLite Wireless G2)



Getting to Know MobileLite Wireless G2



A. USB 2.0 Port - Allows you to connect an external USB Storage Device to MobileLite Wireless G2. It also allows you to charge your mobile device.

B. SD Slot - Allows you to connect a memory card (SD/SDHC/SDXC or any microSD w/ adapter) to MobileLite Wireless G2.

C. Battery LED/Power* - Indicates current battery status and current power state.

D. Wi-Fi LED - Indicates current status of Wi-Fi broadcast.

E. Bridged LED - Indicates whether or not MobileLite Wireless G2 is bridged to an Internet gateway via Wi-Fi or Ethernet.

F. Power Button - Powers on or powers off the MobileLite Wireless G2 device. Short press (1 Second): Power Bank Mode/Long press (3 seconds): Wi-Fi Mode.

G. Reset Button - Allows you to reset the MobileLite Wireless G2 device back to its original (default) configuration. Hold button down for more than 10 seconds.

H. Micro-B USB Port - Allows you to charge MobileLite Wireless G2 or connect it to a standard USB port on your computer for fast, easy data transfer. Each media expansion port will require its own drive letter if media is inserted.

I. Ethernet port – Allows you to connect an Ethernet cable to create a hotspot for wireless Internet access. Wi-Fi mode will temporarily disable while connected to Ethernet.

**The battery LED also indicates how much battery time is left while the MobileLite Wireless G2 is powered on. Green indicates 51% - 100% battery charge remaining; orange indicates 25% - 50% battery charge remaining; and red indicates less than 25% or less battery charge remaining.*



Requirements

- (As a local SD Card/USB reader) Computer running Windows® 8.1, Windows® 8 (non RT), Windows® 7 (SP1), Windows Vista® (SP2), Mac OS X (10.7.x+), Linux (v.2.6+ kernel) operating system
- Mobile devices running Android 4.0 (minimum requirement)
- Mobile devices with Internet access to Google Play (required to install the Kingston MobileLite App)



Charging the MobiLite Wireless

We urge you to fully charge the MLWG2 before you begin to use it. This can take up to three hours. The MLWG2 can be charged with a computer's USB port, or a USB power adapter (minimum 1.2A), using the included Micro-B USB Cable

Battery LED

The battery indicator light on the front of the MLWG2 indicates the current battery strength and tells you whether the MLWG2 is charging when it's connected to a computer or outlet. The battery indicator's LED blinks when it is charging and has a solid green LED when it is finished.

The battery LED also indicates how much battery time is left while the MobileLite Wireless G2 is powered on. Green indicates 51% - 100% battery charge remaining; orange indicates 25% - 50% battery charge remaining; and red indicates less than 25% battery charge remaining.

Less than 25% battery charge remaining



25%-50% battery charge remaining



51%-100% battery remaining





Installing the MobileLite Wireless Application

To configure MobileLite Wireless G2, you must first install the Kingston MobileLite App (to your Android tablet, or phone) from Google Play (Internet access required). The Kingston MobileLite App is free and allows you to customize the wireless network settings and wirelessly access the content you've uploaded to your SD/USB device connected to MobileLite Wireless G2. To install the App, please follow these steps:

1. Open Google Play from your Android phone or tablet and search for "**Kingston Mobilelite.**" See **Figure 5.1**. Google Play may return multiple results for your search, just be sure to select Kingston MobileLite.



Figure 5.1 – Google Play Search

2. Locate and select the **Kingston MobileLite** App by **Kingston Digital, Inc.** and tap the 'Install' button. See **Figure 5.2**.



Figure 5.2 – Kingston MobileLite App by Kingston Digital, 'Install'

3. After selecting 'Install,' you will need to accept the App permissions in order to begin the installation of the Kingston MobileLite App to your device. See **Figure 5.3**.

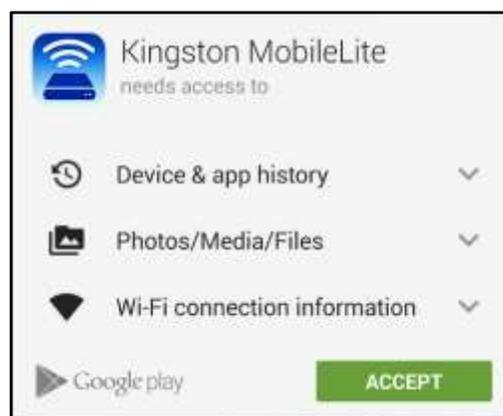


Figure 5.3 – App permissions

Once the App has been installed, you may exit Google Play and proceed to the next section of this manual.



Connecting to MobileLite Wireless G2 Using the Kingston MobileLite App



Figure 6.1 - Choose a Wireless Network

When you launch the Kingston MobileLite App for the first time, a connection wizard will give you an opportunity to select and join a wireless network, even if you are currently connected to another network.

In this example, you see the Wi-Fi network name, MLWG2-XXXX, where "XXXX" represents the last four digits of your MLWG2's MAC address. Each device has a unique MAC address; therefore each unit will have a different name suffix.

Once you've selected the MLWG2 network, your Android phone or tablet will connect to the MLWG2's Wi-Fi network and walk you through a setup wizard.

The setup wizard will allow you to configure a personalized SSID name, secure your network with a password, and bridge your device to an existing Internet Connection.

NOTE: The MAC address of your device can be found on the bottom (back side) of the MobileLite Wireless G2 device.



Figure 6.2 - Name Your MLWG2 Network

When changing the default name of your wireless network, you are also changing the SSID name that gets broadcasted in the list of Wi-Fi networks available to you. This means you will be disconnected from the MLWG2-XXXX network you selected above, and have to join the new network name you created after the setup wizard is finished.

(NOTE: All changes in the setup wizard are OPTIONAL, meaning you do not HAVE to make any changes. If you decide to keep the default settings, just click 'SKIP' in the bottom left-hand corner of each setup screen to exit the wizard. The configuration to the MLWG2 can later be changed in the App settings).

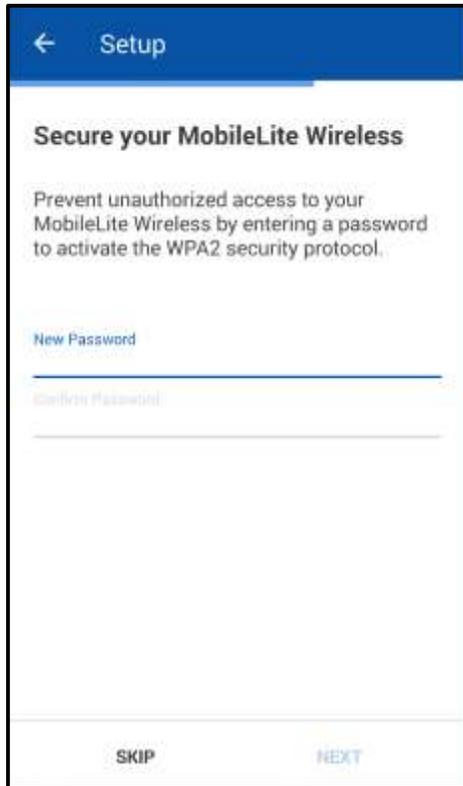


Figure 7.1 - Securing Your Network

Securing your MobileLite Wireless network with a password protects you from unauthorized users accessing files your network.

To protect your network, simply type a password on the line indicated by 'New Password' and confirm it by entering the same password on the second line indicated by 'Confirm Password' (passwords on both lines must match exactly). Once you've created a password, click 'Next' on the bottom right-hand corner of the app and proceed to the next screen.

NOTE: By default, there is no security password set for the MobileLite Wireless G2.

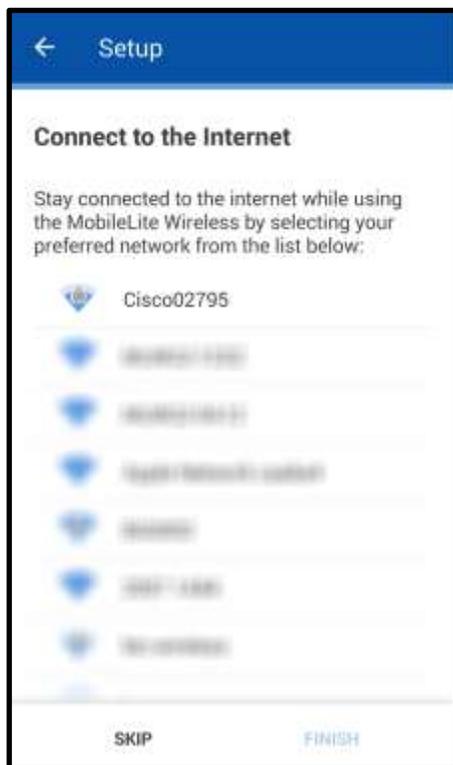


Figure 7.2 - Connecting to the Internet (Bridge)

You can bridge to the Internet while continuing to use the MobileLite Wireless by selecting a preferred network from the list provided in this step. If the connection is secured by a password, you must authenticate to the network first, and then click 'Finish'. If any changes were made, then the MLWG2 will reboot to save the changes.

(Note: The initial setup will only be present the first time you launch the Kingston MobileLite app. For any future changes, you will be required to navigate to the device settings).



Connecting to MobileLite Wireless G2 Using the Android Device Wi-Fi Settings

MobileLite Wireless G2 is its own independent wireless network. When browsing for Wi-Fi networks from your Android device, you will see 'MLWG2-XXXX', where XXXX refers to the last four characters of the MLWG2's unique MAC address in the list of available networks to join.

From your Android device:

Settings --> Wi-Fi --> Choose a Network (**MLWG2-XXXX** by default).

NOTE: The MAC address of your device can be found on the bottom (back side) of the MobileLite Wireless G2 device. By default, there is no security password set for the MobileLite Wireless G2.

Once you connect to the MobileLite WiFi network, you will substitute your tablet/phone's Internet connection with MobileLite Wireless G2's wireless connection. This means you will no longer have access to the Internet. However, MobileLite Wireless G2 does provide a bridging function that allows you to maintain access to MobileLite Wireless G2's content while connecting to a Wi-Fi Internet connection. Please see page 19 for bridging configuration.

Updating the Firmware on the MLWG2

The MobileLite Wireless Application will check for firmware updates automatically. Firmware updates to the MLWG2 will add features along with fix any issues encountered after release of the hardware. It is always recommended to update the firmware to make sure to get the best experience out of the MLWG2.

1. The following will appear once the app is refreshed and if a new firmware is available.

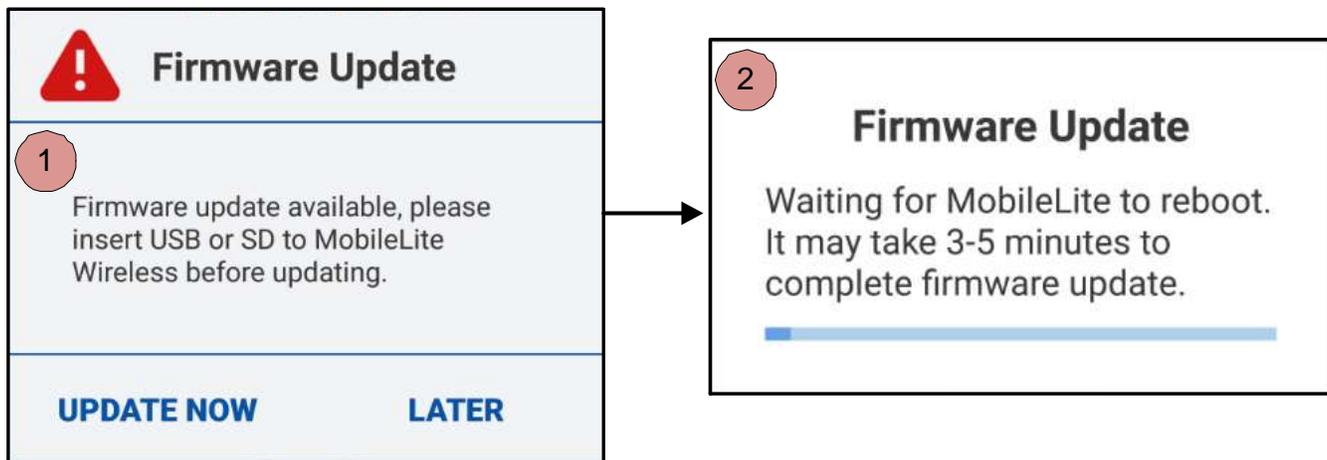


Figure 8.1 – Firmware Update

2. If 'Update Now' is selected, then the firmware will upload to the USB or SD connected to the MLWG2.

Note: Once the firmware update is complete, the file will be deleted from the USB/SD.

3. Once the firmware is uploaded to the USB or SD, the firmware update will begin. The update takes 3-5 minutes, during which you cannot access the content on the MLWG2.

When the update is complete, the MLWG2 will restart, and the user has to reconnect to the MLWG2.

To check the firmware version, connect to the MLWG2, open the MLW app and select settings.



Getting to know the Kingston MobileLite App

- A. All Files** option displays all the files on USB/SD/Offline depending on what media is selected. Accessing either media device will display all stored content of the device regardless of type or extension. See **Figure 9.1**.
- B. Photos** filters all photos/image file types. MobileLite Wireless G2 will search through all files and folders on the USB/SD/Offline and list the supported image file types in list/thumbnail view. See **Figure 9.1**.
- C. Music** filters all the music or audio file types. MobileLite Wireless G2 will search through all files and folders on the device and display the supported Music file types. See **Figure 9.1**.
- D. Video** filters video file types. MobileLite Wireless G2 will use this filter to search through all files and folders for supported video file types. See **Figure 9.1**.
- E. Search** the contents of the USB/SD/Offline storage options. See **Figure 9.2**.
- F. Sort** the contents of the USB/SD/Offline storage options by 'Name', 'Size', 'Date', and 'Type'. See **Figure 9.3**.
- G. Options** menu allows you to 'Refresh', change to 'List View', and 'Settings'. See **Figure 9.4**.
- H. Options** menu allows a folder/file to be copied/moved, deleted, and rename/info. (menu items vary according to what you're currently doing in the app). See **Figure 9.5**.
- I. Circle** button allows adding a new folder and copy/move files and folders. See **Figure 9.6**.

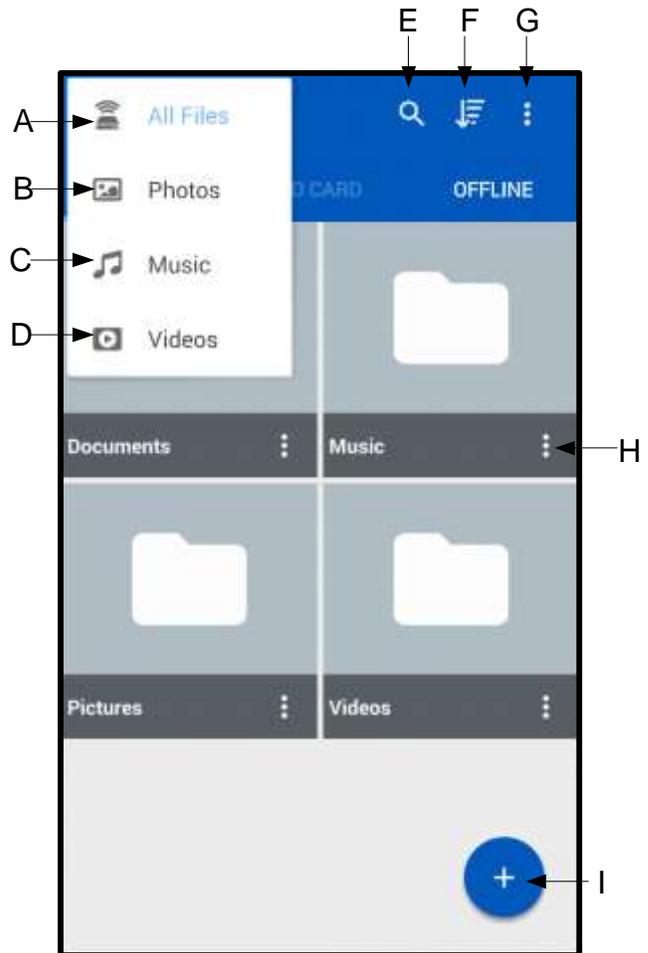


Figure 9.1 – MobileLite Wireless G2 Contents

E. Search



Figure 9.2 - Search

F. Sort



Figure 9.3 - Sort

G. Main Options

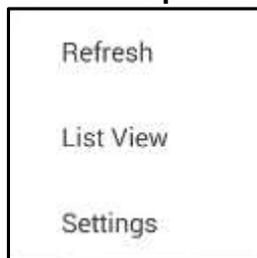


Figure 9.4 - Main

H. Folder/File Options

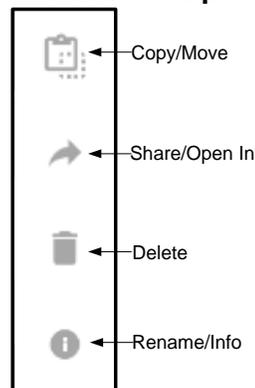


Figure 9.5 - Options

I. Circle Option

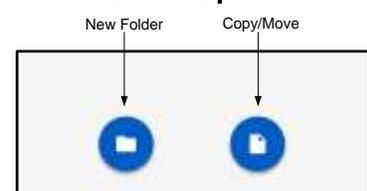


Figure 9.6 - Circles



Extend your storage using Copy/Move function to and from SD/USB/Offline



Figure 10.1 – Selecting a Photo



Figure 10.2 – Sharing a Photo

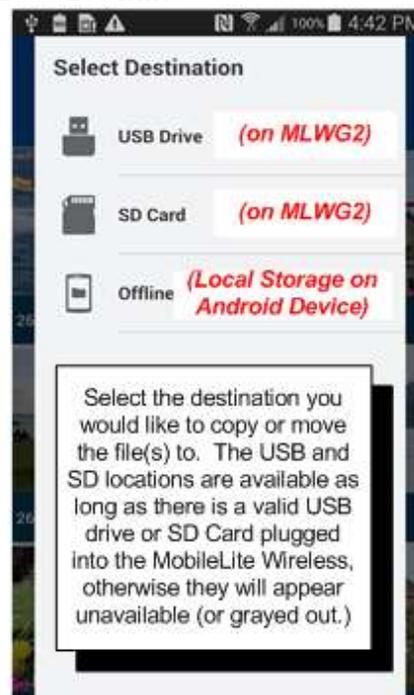


Figure 10.3 – Choose Location



Figure 10.4 – Press and Hold

If you wish to move or copy multiple files (or folders) to a location on your Android device, **press and hold** any folder to invoke the following checkboxes:

These checkboxes will allow you to select or deselect any (or all) files/folders in order to move, copy, or delete multiple items. Once selected, you can click on the clipboard icon to choose your destination as seen in **Figure 10.3**.

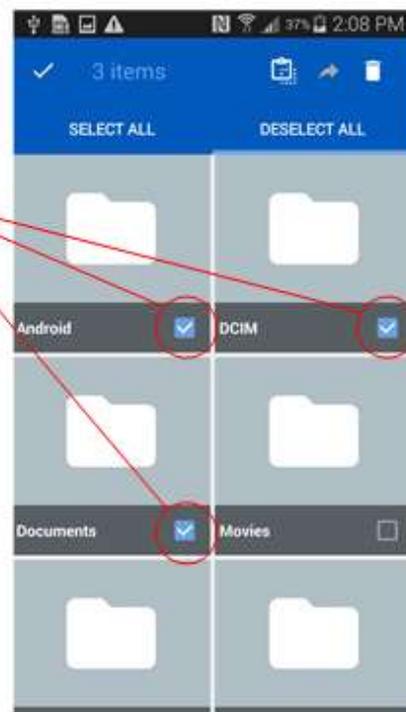


Figure 10.5 – Multiple Photos



Charge Your Smartphone

Battery Backup

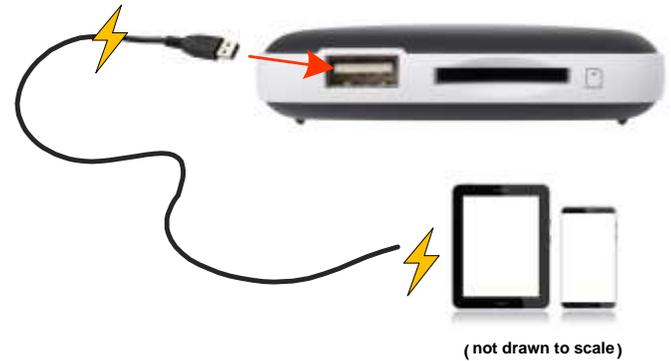
In addition to being its own Wi-Fi network, MobileLite Wireless can also be used as a battery backup.

This feature allows you to charge your smartphone using the built-in USB port.

To use this function, follow these steps:

- If the device is powered on, press and hold the power button for three seconds or until Power LED turns off.
- Attach your mobile device to the USB port on MobileLite Wireless G2
(using the Android Device's own Type-A USB power cable).
- With MobileLite Wireless G2 powered off, press the power button for 1 second and release; do NOT press and hold the power button, as this will turn the wireless broadcast function on.

Once the power LED begins to flash, the unit is ready and your mobile device should be charging.



Connecting MobileLite Wireless G2 as a Local SD Card/USB Reader

To add content to the MLWG2, you can connect it to a computer using the USB cable that came with the device (with a card or USB device connected to the MLWG2) or you can copy content directly to a USB, SD, or MicroSD (using the accompanied adapter) and inserting the media into the appropriate slot on the MLWG2.

When connected to a computer, MLWG2 has to be powered off, so it can behave like any standard media reader device, creating a data volume on your PC or Mac for any media type you have inserted on the MLWG2 (i.e. USB, SD, MicroSD). You can populate each volume with digital content that you can later share or access wirelessly via the Kingston MobileLite Application.

When copying content to the media, it is highly recommended that you create folders on each volume to help you organize and quickly locate files each time you update and/or change the content of MLWG2 (as opposed to dumping all of your files onto the root volume or into a single folder). For example, you may want to store all of your music files in a folder called *“My Music”*, or keep all of your photos in a separate folder called *“My Pictures”*, and so on.

When you are finished loading content, please safely disconnect the MLWG2 from your computer. This will keep the power of the device off. To turn it back on, press and hold the power button for 3 seconds.





Photos

If you want to Copy/Move, Share/Open In, Delete, or Rename/Info, simply tap on the Option Menu icon at the bottom right of the image. A menu will appear with the different options seen in **Figure 11.1**. The

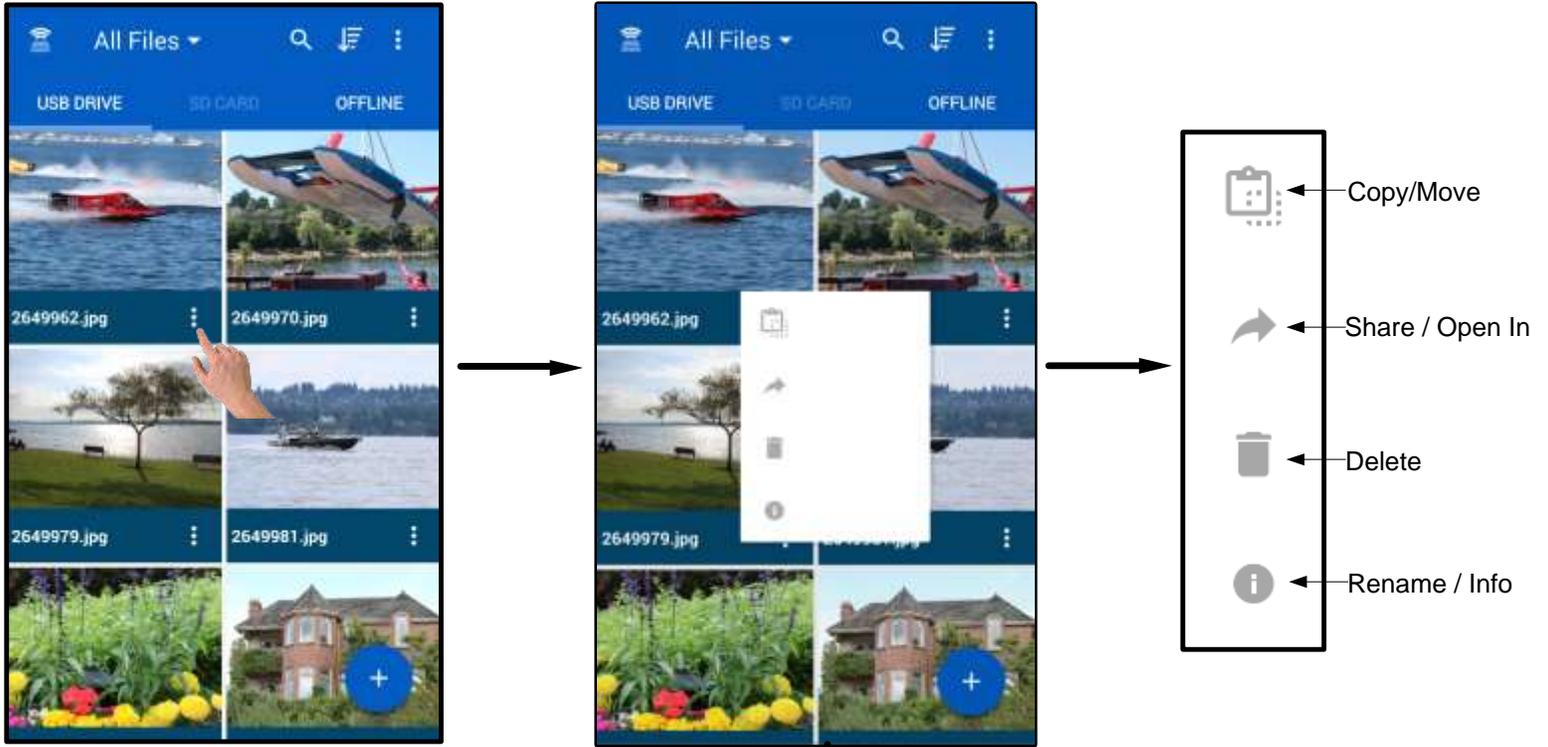


Figure 12.1 – Enable ‘Option Menu’.



Figure 12.2

Copy/Move: Allows you to transfer files to and from USB/SD/Offline.

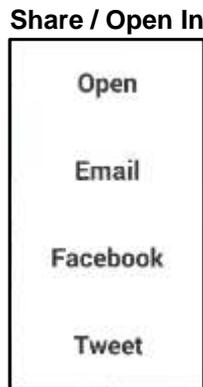


Figure 12.3

Share/Open In: Allows you to share to Facebook or Twitter and open the file in a third party app



Figure 12.4

Delete: Confirm that you want to delete the folder/file.

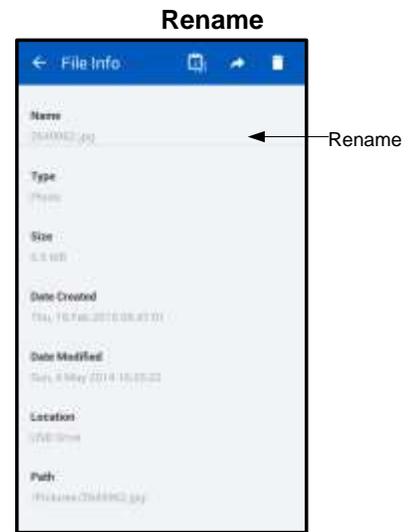


Figure 12.5

Rename: Folders and files.

Sharing Media



A. Tap an image once to view the file using the app's built-in photo viewer.



B. If you wish to open or share a photo using another application* associated with the file type you are currently viewing, tap the "bullet menu" on the bottom right-hand corner of the image, and select the desired action.

*Application(s) must be installed in order to work properly on your Android device.

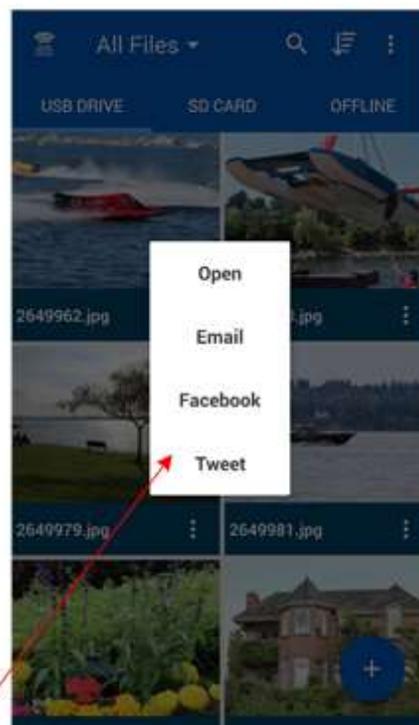


Figure 13.1 – Viewing a Photo

Figure 13.3 – Sharing a Photo



If you wish to move or copy multiple images to or from a location on your Android device, **press and hold** any image to invoke the following checkboxes: and display the menus to copy, move, or delete files.

These checkboxes will allow you to select or deselect any (or all) images in order to move, copy, or delete multiple images at once. If you only select one image, the sharing option, indicated by this arrow:  will become enabled and allow you to share or email files as depicted in **Figure 13.3** in the upper right corner.



Figure 13.4 – Press and Hold

Figure 13.5 – Multiple Photos



Streaming Music

The MobileLite Wireless app has a built in media player that enables users to listen to music while viewing a slideshow or browsing the web.

To get started, simply navigate to the Music media button in order to filter all music and select the desired song. Doing so will automatically launch the music player and begin playing the chosen song.

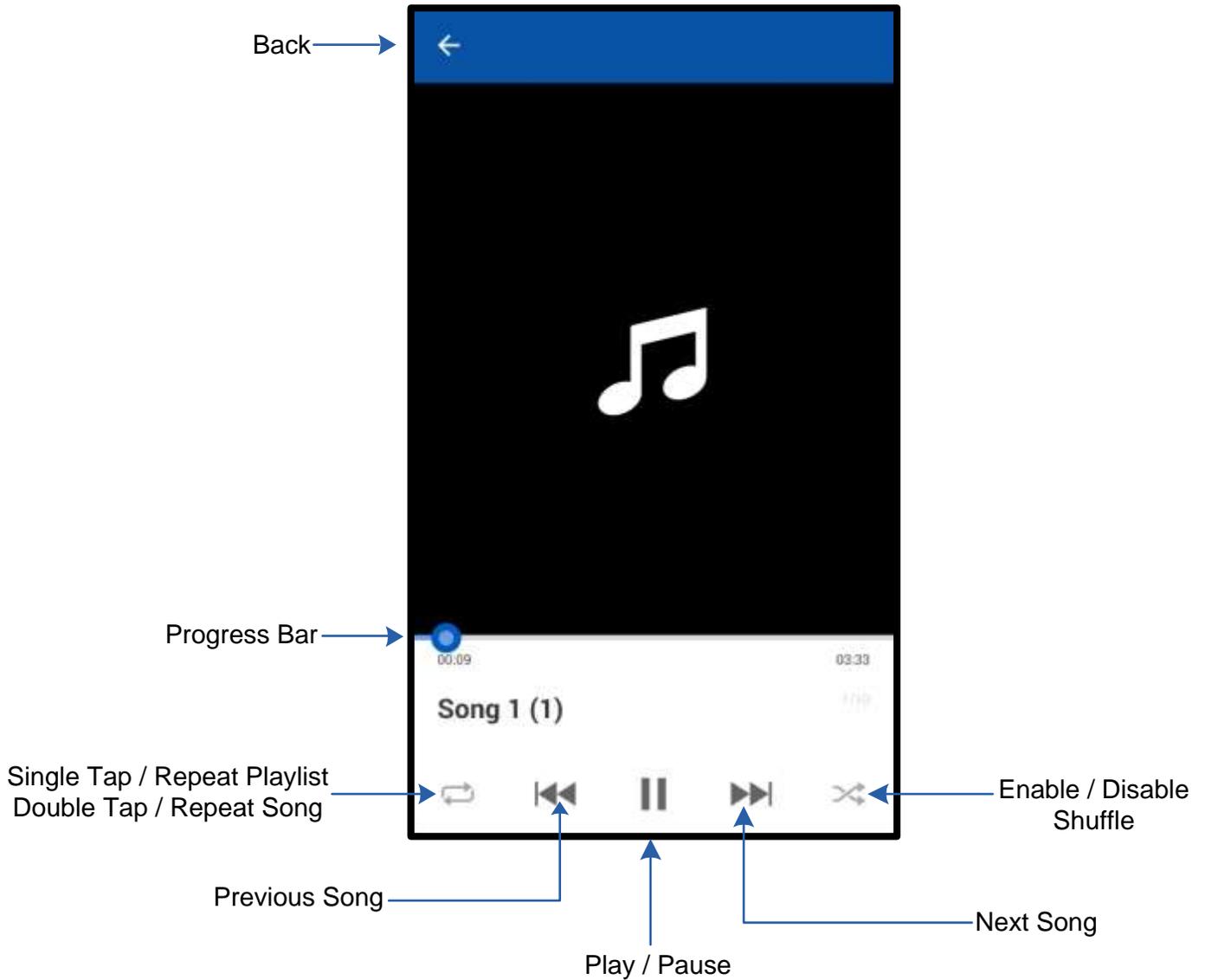


Figure 14.1 – Media Player Controls



An audio title bar will appear while you browse your pictures, documents, etc.

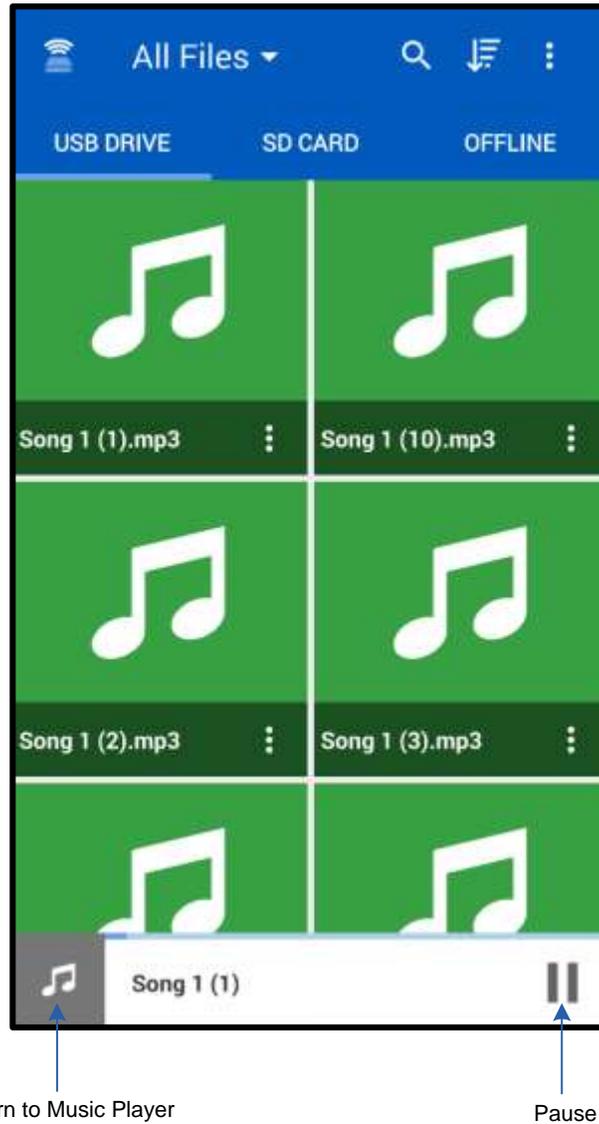
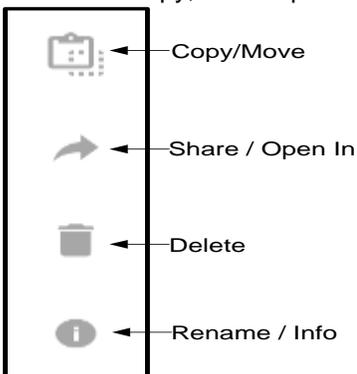


Figure 15.1 – Audio title bar

To copy, share/open in, delete, or rename an audio file, tap the Option menu  icon and select an option:



Copy/Move: Transfer audio files to and from USB/SD/Offline.

Share / Open In: Allows you open an audio file using your favorite third party audio player.

Delete: Delete audio files from USB/SD/Offline.

Rename/Info: Rename or check the Info of the audio file.



Streaming Video

If you want to play a video, tap once to play the video in the Kingston MobileLite app video player. Please see **Figure 16.1**.

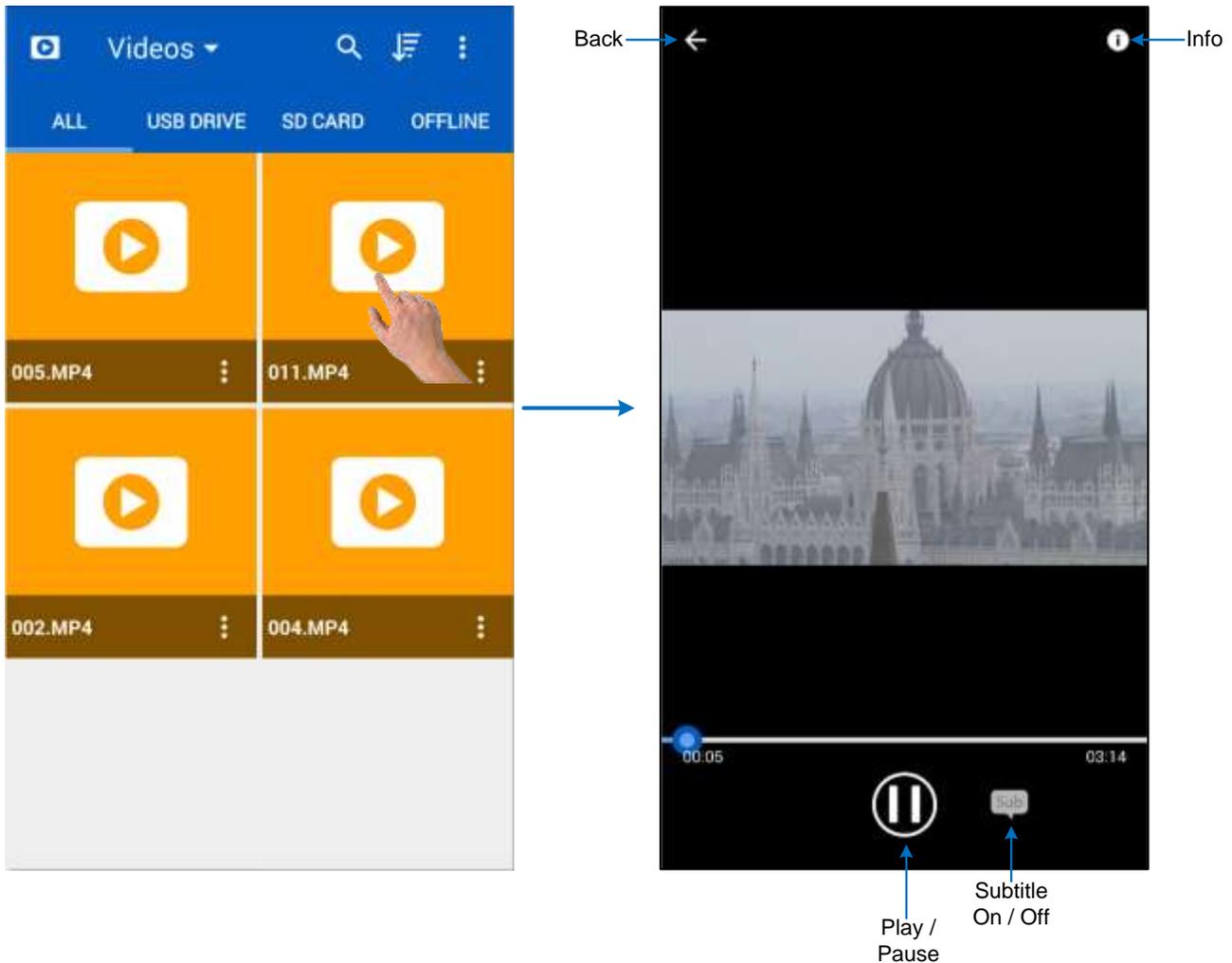
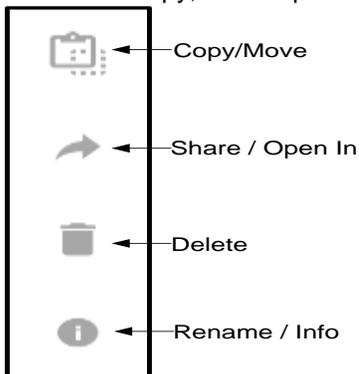


Figure 16.1 – Video Player

To copy, share/open in, delete, or rename a video, tap the Option menu icon and select one of the options:



Copy/Move: Transfer videos to and from USB/SD/Offline.

Share / Open In: Allows you to email a video (10MB Max) or open a video using your favorite third party video player.

Delete: Delete videos from USB/SD/Offline.

Rename/Info: Rename or check the Info of the video.



Accessing the Internet via the Ethernet Port (Hotspot)

If you have a wired Internet connection, you can plug an Ethernet cable to the Ethernet port on the Kingston MobileLite Wireless G2. This would allow you to create a hotspot for wireless Internet access. While connected to the Ethernet bridge mode the Wi-Fi bridge mode will be disabled temporarily until the Ethernet cable is removed.

NOTE: Only compatible with DHCP.

Simply connect an Ethernet cable to the Ethernet port. Check that the bridge LED is ON to verify that you have a successful connection to the router. See **Figure 17.1**.

If you haven't already, make sure to connect to the MLWG2 in your mobile device's Wi-Fi settings.

Settings App --> Wi-Fi option --> Choose a Network --> Select MLWG2-XXXX

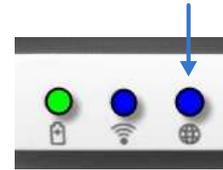


Figure 17.1 – bridge LED



Kingston MobileLite Application Settings

<p>A Name MLWG2-XXXX</p> <p>B Battery Life</p> <p>C Auto Shutdown Never</p> <p>D Firmware 2.0.0.6</p>	<p>A. Name: This is the SSID name that appears in the list of available wireless networks on your mobile device. The name of the SSID can be changed from this location. The MLWG2 will reboot if any changes are made</p> <p>B. Battery: Battery life indicator.</p> <p>C. Auto Shutdown: If enabled, an idle MLWG2 will automatically shut down at the selected time given. (30 Minutes – 4 Hours)</p> <p>D. Firmware: Shows the installed firmware version of MobileLite Wireless G2.</p>
<p>E Visibility</p> <p>F Wireless Channel 6</p> <p>G Security</p> <p>H WiFi Network No WLAN Connected</p> <p>I Use 3G Mobile Network Dongle</p> <p>J App Version 3.0.1.0</p>	<p>E. Visible: Controls whether or not the SSID name will broadcast in the list of available wireless networks.</p> <p>F. Channel: The wireless channel that MobileLite Wireless G2 is currently using.</p> <p>G. Security: Controls whether or not users will be prompted for a password when joining the MobileLite Wireless G2 network. The default setting is 'None'.</p> <p>H. WiFi Network: Allows you to bridge to the Internet while continuing to use the Kingston MobileLite App. Also, you can forget network using this option.</p> <p>I. 3G Dongle Support: Compatible with some 3G USB dongles. Compatibility list in Kingston Support FAQs.</p> <p>J. App Version: Currently installed Kingston MobileLite App version.</p> <p>Note: If any changes were made in settings, then the MLWG2 will reboot to save the changes.</p>



Accessing the Internet (Bridge Mode) and Network Connection

Traditionally, the Wi-Fi antenna on your Android device is used to access the Internet. The MobileLite Wireless G2, however, uses the Wi-Fi antenna on your Android device to stream content, which effectively disconnects your Android device from the Internet. Fortunately, MobileLite Wireless G2's Wi-Fi antenna supports bi-directional traffic and can be used for implementing a feature called bridge mode. This mode allows you to be connected to MobileLite Wireless G2 while it is connected to a Wi-Fi network (as a host client) that has access to the Internet.

To set up this feature and see a list of available wireless networks in your range, open the Kingston MobileLite App and select 'Options Menu' and select 'Settings'. Under the 'Network Connection' section (**Figure 19.1**), tap on the Wi-Fi network you want to connect to. After making your selection, MobileLite Wireless G2 will prompt you for the Wi-Fi password (if security is enabled) and reboot. If there is no password, the device will automatically reboot.

Once MobileLite Wireless G2 has rebooted, you will be prompted to select a wireless network. You **MUST** select your MobileLite Wireless G2 network in order to maintain access to its contents. Since you've already connected to the network via MobileLite Wireless's App, there is no need to select it from the list again. If you do select it, you will be disconnected from MobileLite Wireless G2.

To verify that you have successfully enabled Bridge Mode:

1. Select the MobileLite Wireless App icon on your Android device.
2. Select the "Options Menu".
3. Tap on the 'Settings'.
4. Scroll down to **Network Connection** and tap on **WiFi Network**

When the lists of wireless networks appear, you will notice a 'check mark' symbol located to the right of the network you selected in the MobileLite Wireless App. See **Figure 19.1**. This indicates that the bridge function is working properly and you are connected to MobileLite Wireless G2 and the Internet at the same time.

So if you're streaming content from the MobileLite Wireless G2 to your Android device and need to quickly look something up on-line, just open your default browser and away you go.

When you want the device to forget a wireless network, you click on the 'Forget Network' button. See **Figure 19.1**. The bridge LED will turn off. Now the blue 'check mark' symbol will no longer appear next to any network. This indicates that the bridge function is disabled.



Figure 19.1 – MobileLite Wireless G2 Bridged



Accessing the Contents Using an Internet Browser

The MobileLite Wireless Reader has the option to view the contents on the USB/SD device from a computer wirelessly using the computer's Wi-Fi.

1. On your computer's network settings, connect to the MLWG2
2. Open a supported web browsers (Chrome, Firefox, Internet Explorer, Safari)
3. In the address bar type in 192.168.201.254
4. You can now access your content from your MLWG2. **See Figure 20.1**

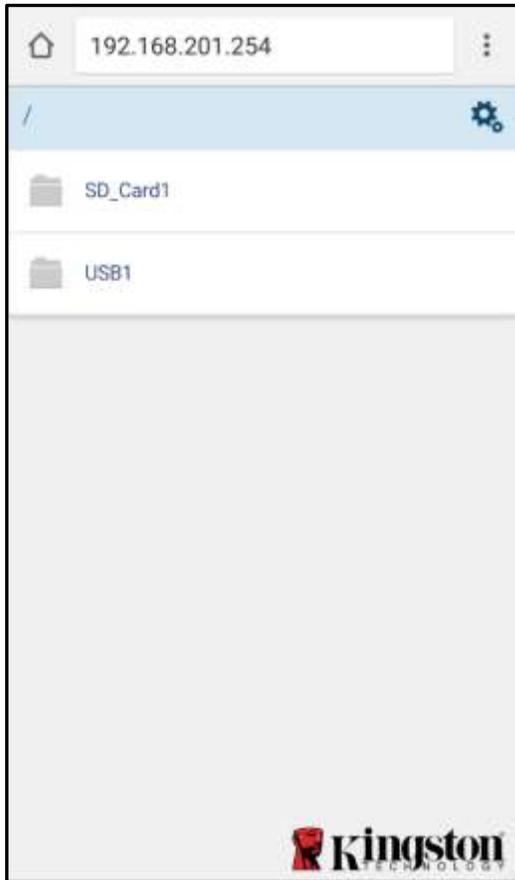


Figure 20.1 – Access Using Browser