



## ***Kingston MobileLite Wireless***

(Beta Release)

## Introduction

MobileLite Wireless (simply referred to as MLW from this point forward) is a portable media reader that allows you to wirelessly stream digital media content (such as music, photos, videos, etc.) to your iOS-based iPad®, iPhone®, or iPod touch® device. Serving as its own mobile wireless network, MobileLite Wireless's lithium-polymer battery gives you up to four hours of continuous access to your digital library (within a 30-foot range) anywhere you go. MobileLite Wireless is the perfect solution for expanding your on-the-go media library with devices that have no way of adding to, or expanding, their storage capacity.

## What's Included:

- 1 MobileLite Wireless



- 1 USB Cable (3ft. A to Mini-B)



## Requirements:

- Computer running Windows® 8, Windows® 7, Windows Vista® (SP1, SP2), Windows XP (SP2, SP3), Mac OS X (10.5.x+), Linux (v.2.6+ kernel) operating system
- iDevices running iOS 5.1.1+
- Internet access to install the Kingston MLW application (from the App Store)

## Supported File Types\* (Non-DRM):

- Audio: aac, mp3, wav
- Video: m4v, mp4, mov
- Image: bmp, jpeg, jpg, png
- Docs: pdf, doc, docx, ppt, pptx, txt, rtf, xls, xlsx

## Supported File Systems for MobileLite Wireless Media Slots: NTFS, FAT32

## Installing the MobileLite Wireless Application

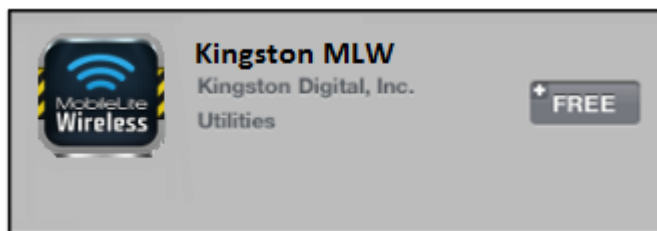
To configure MobileLite Wireless, you must first install the MobileLite Wireless App (to your iPad, iPhone, or iPod touch device) from the on-line App Store (Internet access required). The MobileLite Wireless App is free and allows you to customize the wireless network settings and wirelessly access the content you've uploaded to MobileLite Wireless. To install the App, please follow these steps:

1. Open the App Store from your iPad, iPhone, or iPod touch device and search for "Kingston." See **Figure 1.1** below. The App Store may return multiple results for your search, just be sure to select Kingston MLW.



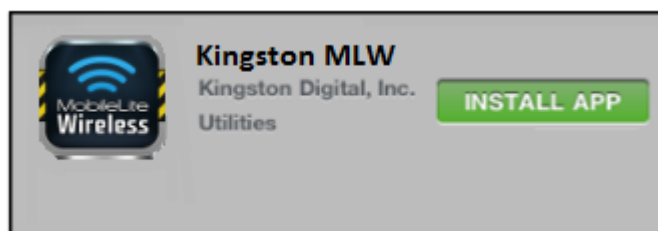
**Figure 1.1 – App Store Search**

2. Locate and select the MobileLite Wireless App that corresponds to your device, i.e. MobileLite Wireless for iPad, for iPhone, iPod touch, etc. by **Kingston Digital, Inc.** and tap the 'FREE' button link. See **Figure 1.2**.



**Figure 1.2 – MobileLite Wireless App by Kingston Digital, 'FREE'**

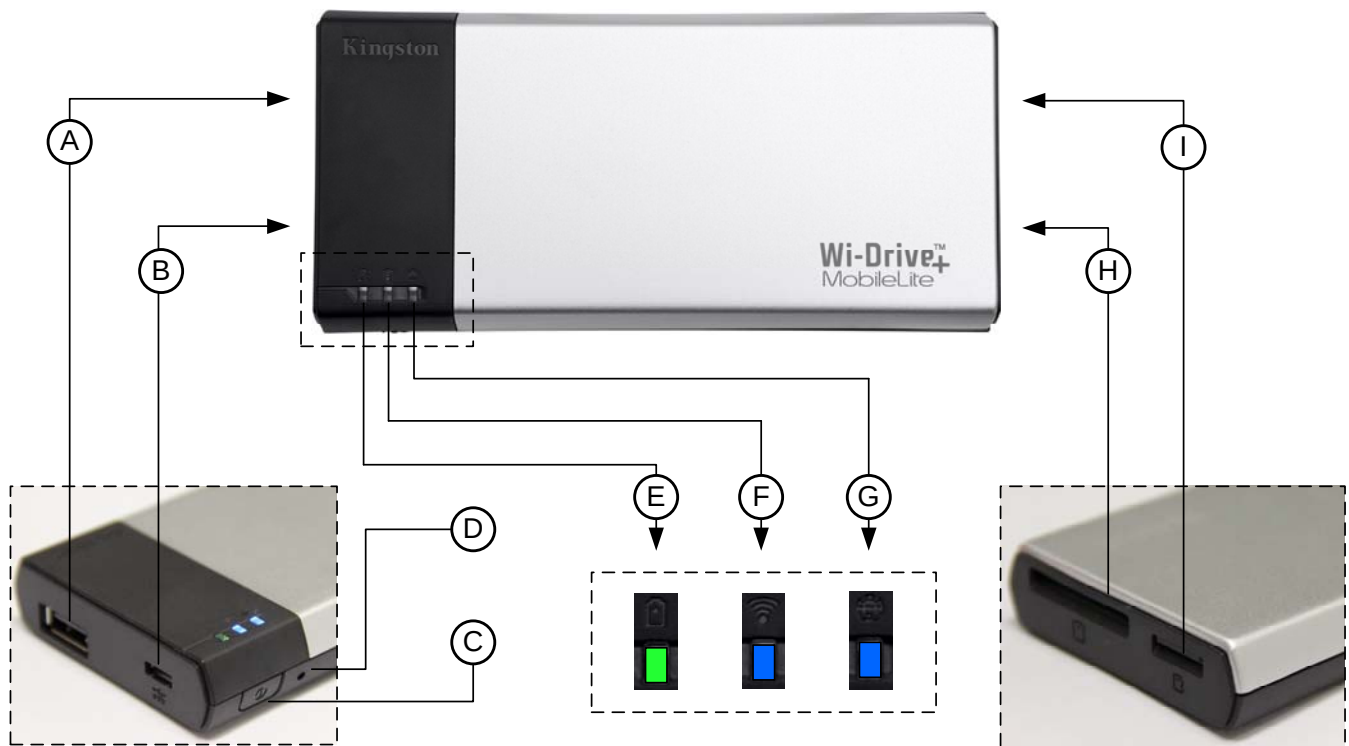
3. After selecting 'FREE,' the grey button will turn green and change to 'INSTALL APP.' Select this button to complete the installation of the MobileLite Wireless App to your device. See **Figure 1.3**.



**Figure 1.3 – MobileLite Wireless App by Kingston Digital, 'INSTALL APP'**

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

## Getting to Know MobileLite Wireless



**A. USB 2.0 Port** - Allows you to expand the storage capacity of MobileLite Wireless by connecting an external USB storage device.

**B. Mini-B USB Port** - Allows you to charge Wi-Drive+ or connect it to a standard USB port for fast, easy data transfer. Each media expansion port will require its own drive letter if media is inserted.

**C. Pwr Button** - Powers on or powers off the MobileLite Wireless device (requires a press and hold for 3 seconds.)

**D. Reset Button** - Allow you to reset the MobileLite Wireless device back to its original (default) configuration.

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

**F. WiFi LED** - Indicates current status of WiFi broadcast

**G. Bridged LED** - Indicates whether or not Wi-Drive+ is bridged to an Internet gateway.

**H. SD Slot** - Allows you to expand the storage capacity of Wi-Drive+ by inserting a compatible SD card.

**I. MicroSD Slot** - Expands the storage capacity of Wi-Drive+ by inserting a compatible MicroSD card.

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

## Configuring MobileLite Wireless

Using the MobileLite Wireless App, you can customize the wireless network settings for MobileLite Wireless. The default settings are: **Device Name:** *Wi-DrivePlus*, **Visibility Status:** *ON*, **Wireless Channel:** *11*, and **Security:** *None*.

To access MobileLite Wireless's Network Settings, please follow these steps:

1. Select the Kingston MLW icon on your iPad, iPhone, or iPod touch device.
2. Select the Device Name link, i.e. **Wi-DrivePlus (192.168.200.254)**.
3. Select the settings icon (gears symbol.)
4. Select the **MobileLite Wireless Settings** button.

**A. Device Name** – commonly referred to as an SSID, or **Service Set Identifier**, this field allows you to specify a device name (between 1 and 32 characters) that will broadcast in the list of available wireless networks on your iPad, iPhone, or iPod touch device. The default name is *MobileLite Wireless* as seen in **Figure 5.1**.

**B. Visibility Status** – this gives you the option to hide or unhide the SSID specified in the 'Device Name' field. By default, the visibility status is turned 'ON'. If you wish to turn this feature 'OFF', the device name will NOT be broadcasted<sup>1</sup> in the list of available wireless networks on your iPad, iPhone, or iPod touch device; however, you can still join the Wi-Fi network by entering the device name manually using the menu option, 'Other...'.  
**C. Wi-Fi Channel** – this setting allows you to select a specific frequency channel used to communicate with other devices on your wireless network. The default setting is Channel 11 (2.462 GHz.)

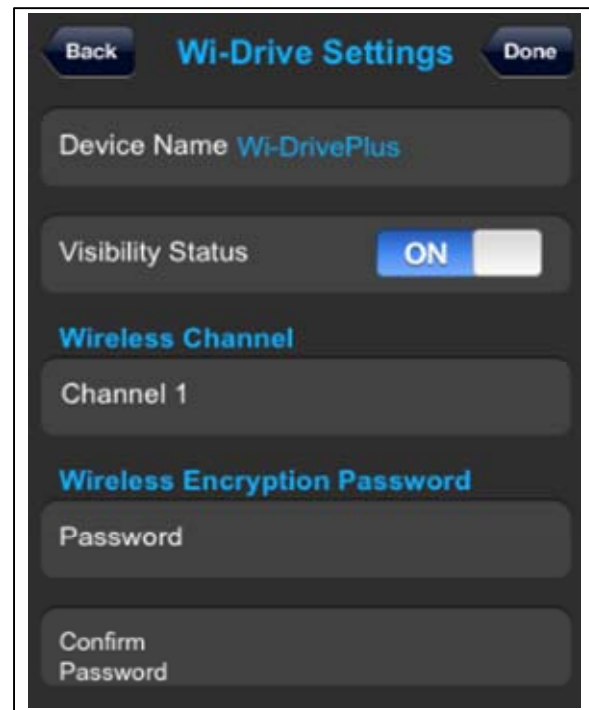
**D. Wireless Encryption Password** – this option helps prevent unauthorized access to your *MobileLite Wireless* device by prompting users for a password. Simply enter a password in the 'Password' field and confirm it by re-typing it in the 'Confirm Password' field and tap the 'Done' button to save the Wi-Drive+ settings.

A

B

C

D



**Figure 5.1 – Wi-Drive+ Network Settings**

<sup>1</sup>If the visibility status has been turned off, you can still join the MobileLite Wireless network by entering the SSID manually on your iPad, iPhone, or iPod touch, as long as you know the 'Device Name' (Step A). Please note that a password will be required if the security option is enabled.

## Loading content onto MobileLite Wireless

To add content to MobileLite Wireless, you can connect it to a computer using the USB cable that came with the device (with one of the supported expansion media slots occupied) or you can copy content directly to a USB, SD, or MicroSD drive and inserting the media into the appropriate slot on the MobileLite Wireless.

When connected to a computer, MobileLite Wireless behaves like any standard media reader device, creating a data volume on your PC or Mac for each media type you have inserted on the MLW (i.e. USB, SD, MicroSD.) You can populate each volume with digital content that you can later share or access wirelessly via the MobileLite Wireless application.

When copying content to the media, it is highly recommended that you create folders on the each volume to help you organize and quickly locate files each time you update and/or change the content of MobileLite Wireless (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<sup>3</sup> disconnect MobileLite Wireless from your computer. This will automatically power the device off. To turn it back on, press and hold the power button for 3 seconds.

*(Note: While connected to your computer, MobileLite Wireless does not broadcast a wireless signal. Therefore you cannot access it from your iPad, iPhone, or iPod touch device in this state.)*



## Connecting to MobileLite Wireless over Wireless

MobileLite Wireless is its own independent wireless network. When browsing for Wi-Fi networks from your iPad or iPhone, you will see ‘MobileLite Wireless’ in the list of available networks to join.

Settings App --> Wi-Fi option --> Choose a Network (**Wi-DrivePlus** by default)

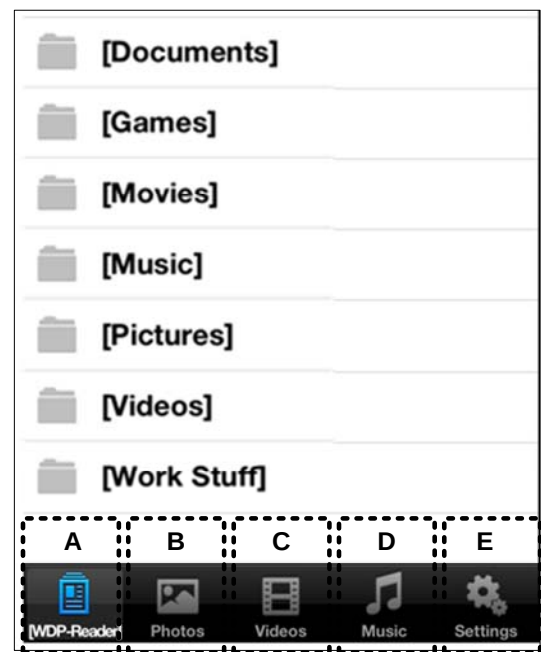
By default, there is no password and when you connect to from your iOS device, you are establishing a dedicated link to MobileLite Wireless over that wireless signal. Once you connect to MobileLite Wireless, you will substitute your iPad/iPhone’s Internet connection with MobileLite Wireless’s wireless connection. This means you will no longer have access to the Internet. However, MobileLite Wireless does provide a bridging function that allows you to maintain access to MobileLite Wireless’s content while connecting to a Wi-Fi Internet connection.

<sup>3</sup> For Windows users, please disconnect MobileLite Wireless safely by right-clicking the USB icon in the right-hand corner of the taskbar and selecting ‘Safely Remove Hardware’. For Mac users, please disconnect MobileLite Wireless safely by dragging the volume icon to the trash can.

## Usage

Once you're connected to the MobileLite Wireless network, you can begin accessing its content from your iPad, iPhone, or iPod touch device by following these steps:

1. Open the MobileLite Wireless App on your iPad, iPhone, or iPod touch device.
  2. Tap the Wi-Drive+ icon in the MobileLite Wireless App.
  3. Tap the Device Name link, i.e. *MobileLite Wireless (192.168.200.254)*. This will list the contents of your MobileLite Wireless.
  4. Browse and select the media you wish to access. Only supported file types can be opened. See below.
- A. The home button displays all stored content on the MobileLite Wireless regardless of type or extension. If you created folders during the content upload process, you will see them listed first. Individual files are listed after the folders.
  - B. Buttons B, C, & D are all filter buttons and display only the content associated with each represented type. The picture button represents photo/image file types. MobileLite Wireless will search through all files and folders on the device and list the supported image file types.
  - C. The filmstrip button represents video file types. MobileLite Wireless will search through all files and folders on the device and display the supported video file types.
  - D. The musical note button represents music or audio files. MobileLite Wireless will use this filter to search through all files and folders for supported music file types and display them.
  - E. The 'Gears' button allows you to access the configuration menu and network settings for the MobileLite Wireless device.



**Figure 4.1 – MobileLite Wireless Contents**

Once you've located the file you want to stream, simply tap the file name in the list and you're ready to go. For a list of all file types currently supported by MobileLite Wireless, see page 3.

## Photos

**A. Facebook Button** - Share/post photo(s) directly to Facebook using the credentials configured in the iOS App (if installed) on your iDevice. Varies based on version of iOS. \*\*Feature coming soon\*\*

**B. Tweet Button** - Share/post directly to Twitter using the credentials configured in the iOS App (if installed) on your iDevice. Varies based on version of iOS. \*\*Feature coming soon\*\*

**C. Mail Button** - Opens the default mail application installed on your iDevice using the credentials configured within the App.

**D. Export to Camera Roll** - Copies a single photo to the 'Camera Roll' location on your iDevice.

**E. Export All to Camera Roll** - Exports all photos to the 'Camera Roll' location on your iDevice.

**F. Open In...** - Allows you to open a photo using an application associated with a particular file type.

A

B

C

D

E

F



## Videos

**G. Open In...** - Allows you to open/play a video using an application associated with a particular file type.

**H. Mail Button** - Opens the default mail application installed on your iDevice using the credentials configured within the App.

**I. Copy To** - Allows you to copy the selected video file to a new location (depending on what media type(s) are currently inserted (i.e. USB, SD, or MicroSD) on the MLW device or to the 'Local' iOS device itself.

G

H

I



## Accessing the Internet (Bridge Mode)

Traditionally, the Wi-Fi antenna on your iPad or iPod touch device is used to access the Internet. The MobileLite Wireless, however, uses the Wi-Fi antenna on your Apple device to stream content, which effectively disconnects your iOS device from the Internet. Fortunately, MobileLite Wireless'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 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 MobileLite Wireless App and select the settings icon (lower left) in the application. From the 'Network Settings' menu (**Figure 6.1**), tap 'Network Connections' and select the Wi-Fi network you want to connect to. After making your selection, MobileLite Wireless will prompt you for the Wi-Fi password (if security is enabled) and reboot. If there is no password, the device will automatically reboot.

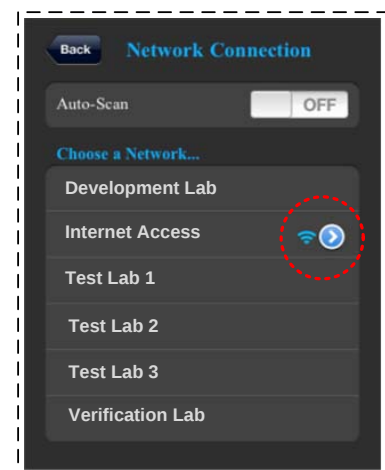
Once MobileLite Wireless has rebooted, you will be prompted to select a wireless network. You **MUST** select your MobileLite Wireless network in order to maintain access to its contents. Since you've already connected to the network via MobileLite Wireless's App, there is no need to select it from the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

To verify that you have successfully enabled Bridge Mode:

1. Select the MobileLite Wireless App icon on your iPad, iPhone, or iPod touch device.
2. Select the Device Name link, i.e. **MobileLite Wireless (192.168.200.254)**.
3. Select the settings icon.
4. Select the **Network Connections** button.

When the list of wireless networks appear, you will notice a Wi-Fi signal and 'greater than' symbol located to the right of the network you selected in the MobileLite Wireless App. See **Figure 6.1**. This indicates that the bridge function is working properly and you are connected to MobileLite Wireless and the Internet at the same time.

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



**Figure 6.1 – Bridged MobileLite Wireless**

## Industry Canada

Radio apparatuses shall comply with the requirements to include required notices or statements to the user of equipment with each unit of equipment model offered for sale.

The required notices are specified in the RSS documents (including RSS-Gen) applicable to the equipment model. These notices are required to be shown in a conspicuous location in the user manual for the equipment, or to be displayed on the equipment model. If more than one notice is required, the equipment model(s) to which each notice pertains should be identified. Suppliers of radio apparatuses shall provide notices and user information in both English and French.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

## NCC / DGT 警語

第十二條：經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更通原計之特性及功能。

第十四條：低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

## FCC Compliance and Advisory Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, according to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by trying one or more of the following:

1. Adjust the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult Technical Support for help.

Any special accessories needed for compliance must be specified in the instruction manual.

**Warning:** A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. Use only shielded cables to connect I/O devices to this equipment.

**CAUTION:** Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

## Safety Guidelines

請依以下方式使用，不當的使用可能會導致電池性能降低或是損害到你的裝置

Please read the following carefully before using the MobileLite Wireless Product. Incorrect use of your device may result in reduced battery performance, undesired operation, or damage to your device.

1. 請勿嘗試拆解產品

Do not attempt to open or disassemble this product.

2. 使用環境溫度 0-45 攝氏度

Store and operate between 0~45°C

3. 請勿將液態物接觸此產品

Do not allow this product to have contact with liquid(s).

4. 請勿將此產品放置或暴露在有熱源、火熱及很熱的汽車內

Do not place this product near a heat source or flame.

5. 請勿壓碎或刺穿此產品

Do not crush or puncture this product.

6. 長時間不用，請每六個月對本產品充電一次

Recharge the power pack every 6 months when not in use.

7. 產品報廢時，電池需要有專門機構回收，否則有可能發生危險

When scrapping this product, the battery needs to be disposed of properly.

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