MediaShare™ Wireless

User Manual
For iOS
Version 1.00

Download on the App Store

ANDROID APP ON Google play

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About This Manual

This manual describes how to use the Verbatim MediaShare Wireless SD/USB device with your iOS smartphone or tablet. If you instead want to use the MediaShare Wireless SD/USB device with an Android smartphone or tablet, please download the user manual for "MediaShare Wireless for Android".

Product Overview

The Verbatim portable MediaShare Wireless SD/USB device allows you to use SD memory cards and USB external storage devices as Wi-Fi accessible media. Simply insert your SD memory card into the SD slot or connect your USB external storage into the built-in USB port. Power on the unit and you can now wirelessly access your videos, music, photos, data and stream them to your iPad®, iPhone®, Android™ tablets and smartphones. There is no need to worry about running out of space on your mobile devices.

For maximum portability, the MediaShare Wireless has a built-in rechargeable battery. Plug it into any available USB port on your computer to charge the battery.

Product Features

- Supports SDXC, SDHC and SD memory cards up to 128GB. SD adapter is needed for MicroSD and MiniSD.
- Supports USB storage devices
- Stream media to up to 5 Wi-Fi-connected users simultaneously*
- Access and stream your music, videos, photos and data from an SD memory card or from USB external storage using the free custom mobile app supporting iOS and Android operating systems
- Built-in micro USB port for charging and data transfer function
- Up to 9 Hours of continuous battery life**
- In power off mode, able to charge your other portable electronic devices through MediaShare's USB host port.
- Search function to locate and access your files
- Internet access capability via wireless, supporting 802.11 b/g/n speeds
- Support multiple platform client tools, including iPad/iPhone/Android

* Streaming performance limited by Wi-Fi bandwidth, encoded file data rate and player buffering capability.
**Battery life subject to normal usage conditions and configurations.

Operating Modes

There are three main operating modes.
1. <u>Direct USB Connection.</u> Connect the device to your computer's USB port using the provided USB cable. The device will automatically mount on your desktop or in "My Computer". In this mode the battery of the MediaShare Wireless SD/USB will charge, and you can transfer files between your computer and either an installed SD memory card or an installed USB drive.

2. <u>Wireless Connection.</u> Power on the device and use your mobile device to search for available wireless connections. Stream music or videos that you have previously saved to an SD card or flash drive.

3. <u>Wireless WAN Bridge mode.</u> After enabling the Internet Bridge feature, wirelessly connect MediaShare Wireless to your existing wireless router to have internet access.

Product Specifications

Product Dimensions:
112mm X 78mm X 14mm

Wi-Fi Radio:
Standard: 802.11 b/g/n
Frequency: 2.4 GHZ
Speed: 72Mbps at 20MHz / 150Mbps at 40MHz

Wi-Fi Security:
WPA-PSK
WPA2-PSK
Mixed WPA/WPA2-PSK (default)
Disabled

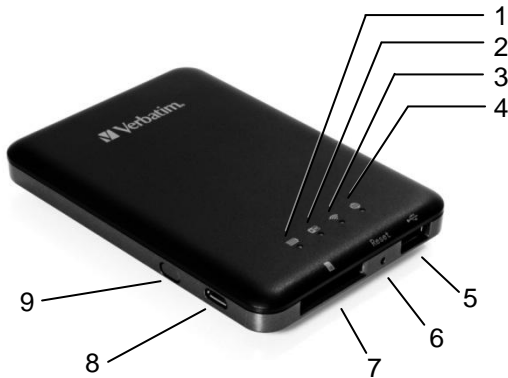USB 2.0 Device Port: For data transfer and charging

Battery:
3000 mAh capacity
Charges via USB micro-B port
Charging time up to 7 hours

Regulatory Certifications:
FCC (Class B), CE, IC RSS-210:2010 (Canada), CEC-2012-BCS (California, Battery Charger Efficiency Requirement)

System Requirements

- Internet Connection (for downloading app and user manual, and for use with optional Internet Bridge feature)
- MediaShare Wireless iOS app (available for free download from the iTunes app store)
- Requires attached storage device (1GB minimum): SD card (Class 4 or higher) or USB flash drive or USB hard drive
- 200MB available storage on your installed SD card or USB storage device reserved for system functions and therefore not available for user data.
- iPad, iPhone or iPod Touch running iOS 4.0 or higher.

Product View

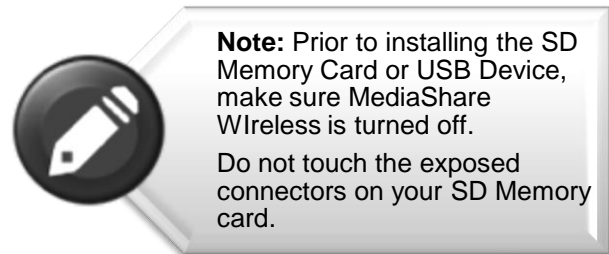| COMPONENT	DESCRIPTION
1. Battery Level LED	● Green ON: The battery charge is more than 30%. ● Red ON: The battery charge is between 10% and 30%. ● Red Fast Flashing: The battery charge is depleted and the unit will soon shut down. ● Green Slow Flash (every 2 seconds): The battery is charging. ● Green Slow Flash (every 1.5 seconds): The device is shutting down. ● LED off: The device is powered off.
2. Read / Write LED	During Wi-Fi disk mode: ● Blue ON: Memory connection is successful. ● Blue Flashing: Memory is reading or writing. During Card reader mode: ● Blue ON: Connected to USB2.0 ● Blue Flashing: Connected to USB2.0 and is reading or writing.
3. Wi-Fi LED	Blue LED shows the Wi-Fi connection state. ● Flashing indicates that initiation is in process. ● ON indicates Wi-Fi initiation has completed. ● The LED is OFF for the following situations: ■ Device is on, but the Wi-Fi signal is weak. ■ Device is off. ■ Device is in Mobile Mode but the Wi-Fi is off.
4. Internet LED	● Green: Connected to Internet via the bridge. ● Off: Not connected to the Internet.
5. USB Host Port	● Insert a USB flash drive or USB hard drive for Wi-Fi access. ● In Power Off mode USB port can be used to charge connected smartphone or tablet.
6. Reset Button	Insert a small tool (such as a paperclip) to press the button and reset the device to Factory Default configuration.
7. SD Card Slot	Insert an SD card for Wi-Fi access. Insert a microSD card using appropriate adapter.
8. USB Device Port	● Use the included USB cable to connect to a computer over USB 2.0 to enable data transfer. ● Use the included USB cable to connect to a USB port or USB charging adaptor to charge the device
9. Power Button	Turns the device on/off.

Charging MediaShare

Using the supplied cable connect MediaShare to a powered USB port or USB charger in order to charge the built in battery. It may take up to 7 hours to fully charge the battery.

Installing Storage Devices

MediaShare contains no internal storage. You must attach either an SD Card or a USB storage device before you are able to use MediaShare with your smartphone or table.

Once your SD Card or USB storage device is attached, MediaShare will reserve up to 200MB of its capacity for temporary files and other system functions. Therefore this space is not available for user data.

MediaShare supports storage devices using FAT, FAT32, exFAT (for SDXC), or NTFS file systems.

> **Note:** Prior to installing the SD Memory Card or USB Device, make sure MediaShare WIreless is turned off.
>
> Do not touch the exposed connectors on your SD Memory card.

SD Memory Card

Locate the SD memory card slot. Insert the memory card. Gently push the memory card all the way in until it locks into its place.

USB External Storage

Locate the USB host port on the device. Insert a USB drive or portable hard drive cable into the USB port.

Using Mobile Devices

Installing the App

Power on your iOS device (iPhone, iPod Touch or iPad) and insure that it is connected to the Internet. Click on the "App Store" icon on the desktop to access the Play Store.

Search and locate the free "MediaShare Wireless" app, click on "Install" and follow the on-screen installation instructions. Once the installation process has been completed, the "MediaShare Wireless" app icon can be found on the desktop.

Wirelessly connecting your iPhone/iPad

1. 1. Turn-on MediaShare and wait for it to initialize. The blue Wi-Fi LED on the device should transition from blinking to fully ON to indicate that the initialization process has been completed.

2. Click on the "Settings" icon on your mobile device.

3. Click on "Wi-Fi". Inside the Networks list, the network name "Verbatim-XXXX" should appear on the list.

Click on the "Verbatim-866A", for example. The "866A" is part of the SSID and is comprised of the last 4 characters of the device MAC Address.

When "Verbatim-XXXX" is selected for the first time you will be prompted for the Wi-Fi password. **The default password is printed on the bottom label of your device.**

After the correct password is entered, the product will show as "Connected" in the list.

Launching the App

On your iOS device click on the "MediaShare" icon to launch the app.

The home screen is presented as below. The screen will show folders/files for the selected device (either MediaShare or smartphone/tablet). You can toggle between these two device views by clicking on "MyMediaShare" or "My Device".
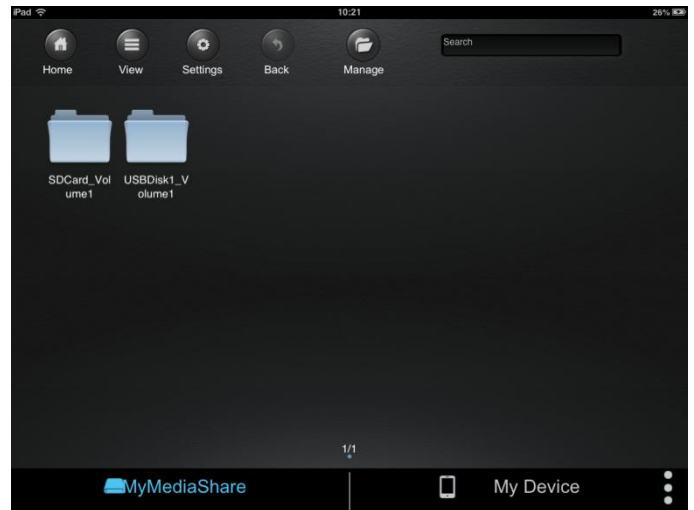
At the lower right you will find the 3-dot menu button.
When selected, this menu presents the following options:
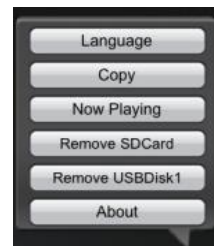
Language
The language normally defaults to that of your iOS smartphone/tablet at the time of installation. If you later want to select a different language, you can make a selection from this menu. The following languages are supported.

- English
- Italian
- Spanish
- Croatian
- Hungarian
- Russian
- Traditional Chinese Chinese
- Korean

- French
- German
- Portuguese
- Czec
- Polish
- Serbian
- Simplified

About

The About button lists the firmware and app version numbers:
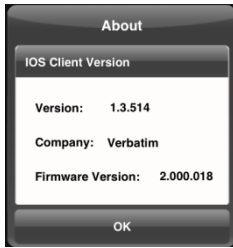
Copy

Click the Copy button to view the file transfer status.

Now Playing

When songs are playing in the background, you can select the Now Playing button to see information about the current song.

Remove SDCard

A currently mounted SDCard volume can be safely unmounted using the Remove SDCard button.

Remove USBDisk1

A currently mounted USBDisk volume can be safely unmounted using the Remove USBDisk button.

Basic Functionality

The action buttons for MyMediaShare can be found at the top of the screen and are listed below.

Home Button – back to the main screen.

View Button - change to List or Thumbnail view.

Settings Button – change the MediaShare Wireless configuration.

Back Button – back to previous screen

Manage Button – file manager to share, copy, delete, and transfer files

Search Box – to search for specific file name and/or extension.

3-dot Menu Button – to view the menu list for the following selections: About, Language, Copy, Now Playing, Remove USBDisk1, Remove SDCard

Playing Music

Tip: We recommend that you create a folder or folders for saving all your music files for ease of use and file organization

Music or audio files can be played whether you are inside "MyMediaShare" or "My Device". Simply locate the music or audio file that you would like to play. Click on the file and your music will automatically play.

Note: Please consult your iOS mobile device manual to check whether it will support the music/audio files that you would like to play.

Use the following icons to control music playback:

When clicked, the current music that is playing will restart at 0.00. When double-clicked, it will play the previous music.

When clicked, it will play the next music file.

When clicked, it will start playing the music or audio file.

When clicked, the will pause/stop playing the music.

There are five play modes:

1. Repeat all songs: the music or the audio files will be played in sequence, and it will only stop playing when the pause button is clicked. (Default Mode)

2. Play current song: the current music that is playing will be stopped, and playing progress will return back to 0.00.

3. ![icon] Repeat current song: the player will always play the current song, and it will only stop playing when the pause button is clicked.

4. ![icon] Shuffle all songs: the music or the audio files will be played randomly.

5. ![icon] Play current list: the music or the audio files will be played sequentially.

Tip: You can click and hold, then slide the music progress button to fast-forward or rewind the music.

Tip: You can exit the Music Player Interface at any time and music will continue to play in the background.

Playing Video

Tip: We recommend that you create a folder or folders for saving all your movie files for ease of use and file organization.

The movie or video files can be played whether you are in "MyMediaShare" or "My Device". Simply locate the movie or video file that you would like to play. Click on the file and your movie will automatically play.

Note: Please consult your iOS mobile device manual to check whether it will support the movie or video files that you would like to play, iOS devices typically support H.264 & MPEG-4 video files in .m4v, .mp4 and .mov file formats.

Playback performance depends on the data rate of your encoded video file, the strength of your Wi-Fi connection and the number of simultaneous users. If the video plays, but momentarily freezes on playback, then you can try these steps to improve video playback performance:

1) Copy the video file to your smartphone/tablet and initiate playback from the smartphone/tablet.
2) Reduce the number of simultaneous streaming users.
3) Re-encode the video file to a lower data rate.

By default, the video playback is in the landscape mode. Use the following icons to control movie playback:

Done When clicked, the movie that is currently playing will stop and you will exit the Movie Player Interface.

![icon] When clicked, this will scale your movie according to the screen size.

![icon] Click, hold and slide the progress button to fast-forward or rewind the movie.

![icon] Click, hold and slide the volume control to increase or lower the volume.

![icon] Press and hold to fast-rewind the movie while playing.

![icon] Press and hold to fast-forward the movie while playing.

![icon] When clicked, it will start playing or resume playing the movie.

![icon] When clicked, it will pause the movie from playing.

Viewing Photos

Tip: We recommend that you create a folder or folders for saving all your pictures for ease of use and file organization.

Note: MediaShare currently supports .jpg, .tif, .gif and .bmp image files

The supported images can be viewed as thumbnails or as a list as seen on the screenshot below. Any images that are not supported can be viewed as a generic thumbnail or icon.

Click on any picture or image to view it.

 When clicked, it will start playing or resume playing the slideshow.

There are few functions available to control the slideshow. You can swipe your finger across the screen to manually view the pictures or images or click the play button to automatically play the slideshow.

 Click the button to pause the slideshow from playing and press again to continue playing.

 Click the button to restart or to replay the slideshow.

 Click the button to play the slideshow once and it will stop at the last image or photo.

 Click the button to return from the previous screen.

 Background music can be added while playing the slideshow.

Stop/Continue playing button - to stop or continue playing the background music.

 Select button - search and locate the file or files that you would like to play as the background music. Click the return button to return to the slideshow.

Repeat button – the background music will continue playing the same music when it is switched-on. By default, this option is switched-off.

Sharing Photos

There are a few options to share photos/image to your friends and family, such as by email, saving to the device Photo Album, or uploading to Facebook.

 Note: Internet connection is required to share photos/images via email or accessing any social media network.

Once you have selected a photo

 Click on the Share button located at the top right of the screen to show the three options available to share your photos/images. Click the return button to return to the previous screen.

- E-Mail button – when clicked, the default email app will automatically launch with the selected photo/image as an attachment.
- Add to photo – when clicked, the selected photo will be saved into the Photo Album of the device, by default this will be the Camera Roll.

 Note: To allow this functionality it is necessary to permit MediaShare Wireless to access your device's photos. You may be prompted to allow MediaShare to access your Camera Roll. It is important to accept this request. If you have not done so you must enable via the Settings -> Privacy -> Photos ->MediaShare and move the slider from OFF to ON

- Upload to Facebook – when clicked you will be directed to the Facebook app if already installed or to the website login screen. Facebook login and password are required.

Viewing Documents

The MediaShare app supports keynote, numbers, page, Excel, Word, .pdf, .txt and .ppt files.

To open or view any documents, simply click on the file. This will automatically open the supported file.

 Click the button to return to the previous screen or click the button to send the file via email as seen on the screenshot below.

User Manual
Verbatim MediaShare Wireless Reader
for Android
Version 1.00

Note: Internet connection is required to send emails.

Click the "E-Mail" button, the default email app will launch automatically and the selected document will be sent as an attachment.

Once the email is sent, there will be a message "Mail Sent" located at the lower-left corner of the screen. This is an indication that the email was sent successfully.

"Mail Canceled" message will appear at the lower-left corner of the screen when the email is canceled.

Manage Mode

You may click on the Manage button at any time to enter the File Manage mode to share, copy, delete, and transfer files. To exit the Manage mode click the Done button .

To manage files on MediaShare, enter Manage mode from "MyMediaShare".

To manage files on your smartphone/tablet, enter Manage mode from "My Device".

Copy & Delete Functions

At the bottom of the screen, there are new icons. See below for their functions.

 Click the Select All button to select all files. A blue check mark will appear on every file. Click again to deselect all files.

Tip: You may select a single file or multiple files by clicking on individual thumbnail or thumbnails.

 Copy Files. When entering Manage Mode from MyMediaShare, the copy function will copy a file **from** MediaShare **to** the smartphone/tablet. The copy icon contains a downward arrow.

Note: Folders called "Documents", "Movies", "Music" and "Photos" will be created in your iOS device by the app. In order to access these files you must navigate to the files using the MediaShare app

 Copy Files. When entering Manage Mode from My Device, the copy function will copy a file **from** your smartphone/tablet **to** MediaShare. The copy icon contains an upward arrow.

When copying files, you need to define the destination folder. A new folder may be created if desired. To create a new folder, simply click on the "New Folder" button. Enter the new folder name and click the "Create" button. The folder name can be from 2 to 26 characters.

Tip: You can use this function to backup all photos and video files from your iOS devices' Camera Roll.

 You may click on the Status icon to see the list of files that are in queue for transfer, as well as the list of files that have already been copied successfully.

 When clicked, any selected files will be deleted.

Note: Successfully copied/transferred files will be listed in the "Recent" window. Click on the "Clear" button to remove or clear the list.

 To exit the Manage mode click the Done button.

Settings Menu

From within MyMediaShare, you may access various configuration operations by clicking on the Settings icon.

MyMediaShare Settings

Host Name
<Reserved for future functionality.>

User
<Reserved for future functionality.>
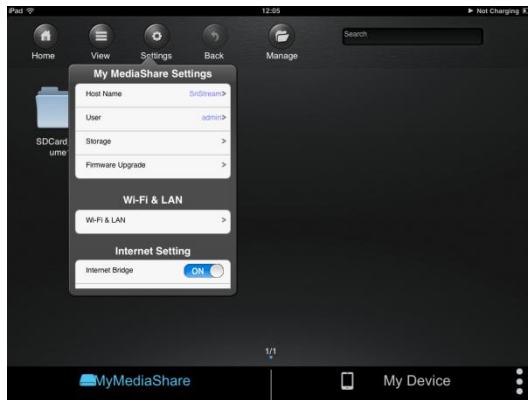
Storage
You may attach an SD memory card or a USB storage device to MediaShare to serve as local storage. Click on "Storage" to view the type, size, and remaining available storage for each installed memory device.

Firmware Upgrade
Please visit the Verbatim support web site periodically to see if a new firmware file is posted for this product. If a new firmware file is available you may download it and install it as follows:

Note: Before attempting a Firmware Upgrade, ensure that the batteries of your MediaShare and smartphone/ tablet are fully charged.

1) Save the new file to the root directory of an SD memory card or USB storage device.
2) Attach the above storage device to your MediaShare, and then power up MediaShare.
3) Connect your smartphone/tablet to MediaShare.
4) Open the MediaShare app and navigate to the Settings screen.
5) Click "Firmware Upgrade". The new firmware file will be installed. As your MediaShare reboots you will lose Wi-Fi connection to your smartphone/tablet.

Wi-Fi and LAN Settings
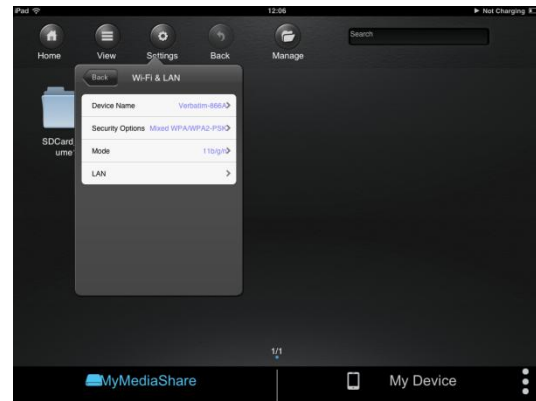
Device Name
To change your device name (SSID) from the default name of "Verbatim-XXXX", enter a new name in the dialogue box provided. Characters may be any combination of letters and numbers, up to a maximum length of 32.

Security Options
The factory default setting for wireless security is Mixed WPA/WPA2-PSK. The unique default password is printed on the bottom label of the product. With this dialogue you may change the password, or alternatively set the wireless security to WPA-PSK, WPA2-PSK, or to Disabled (i.e. no password required).

The password must be at least 8 characters, but no more than 63 characters.

If you change the password, and later forget your new password, you can return to the factory security setting by performing a reset using the side panel reset button.

Mode
The factory default setting for wireless communication mode is 802.11b/g/n. With this dialogue you may alternative set the communication mode to 802.11b, 802.11g, or 802.11.n.

LAN
This dialogue will display the fixed MAC address of the product. Alternatively, you may view or change the current IP address and Subnet Mask.

Internet Settings

This product's normal operation requires only a single wireless connection between your iOS smartphone / tablet and MediaShare. To make this connection, MediaShare defines the Wi-Fi channel to use (from 1-11). The factory default setting for channel selection is "auto", which allows MediaShare to automatically choose the best channel based on current environment channel clarity. The connection is sketched below as connection "A".

However, in this mode, if you later want to browse the internet with your smartphone/tablet, you must break the "A" connection and instead connect your smartphone/tablet with an available router.

As a convenience, this situation can be avoided by enabling the bridge function on MediaShare. In the internet bridge mode, sketched below, you may keep a connection to the smartphone/tablet, plus allow the tablet/smartphone to reach the internet (albeit at limited connection speeds). In this mode, the Router now defines the Wi-Fi channel, and two Wi-Fi connections are established ("A" and "B") using this same channel number.
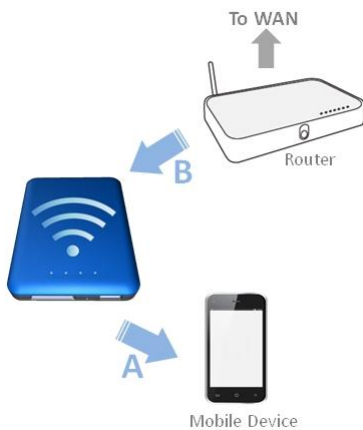
Because the Router is making the channel selection, and because different geographic regions use different channel ranges, MediaShare must further know your Region whenever the internet bridge feature is enabled.

Internet Bridge
The Internet Bridge feature is disabled by default. To enable the bridge, click "On", confirm the Region setting, and then select your available router.
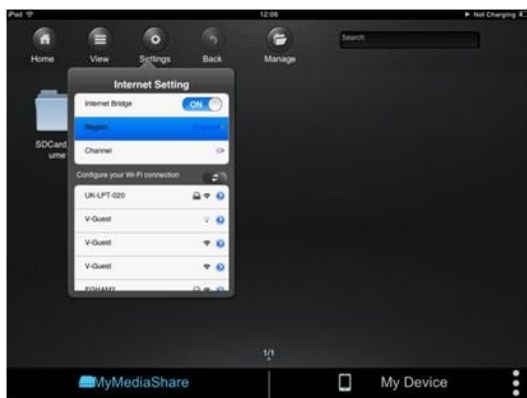
A different range of Wi-Fi channels is supported by different geographical regions. If your region is not listed, choose a region with the same channel range as your own.
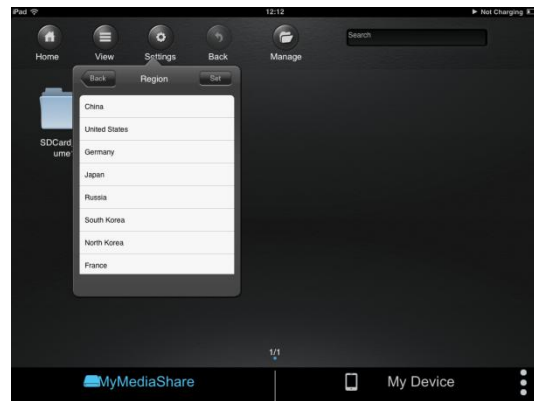
Select your chosen network from the list of networks discovered by the MediaShare Wireless
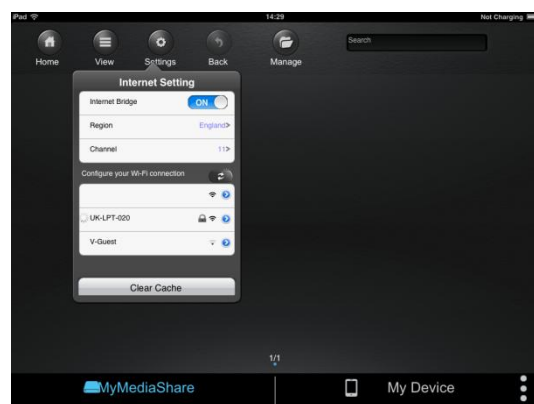
If your router requires a password, enter it to join the network.
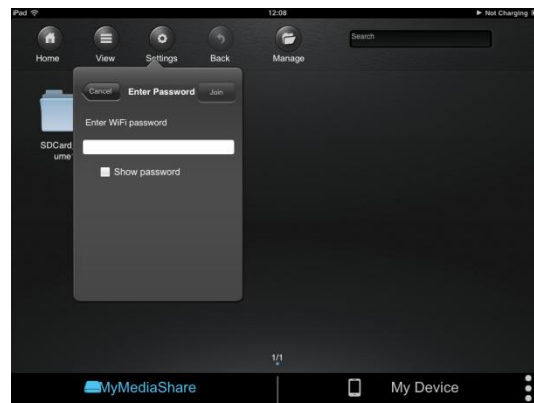
Optional Settings:-
Connecting to your router may also require setting DHCP versus Static IP. If Static IP, then please enter IP Address, Subnet Mask, Gateway, and DNS settings.
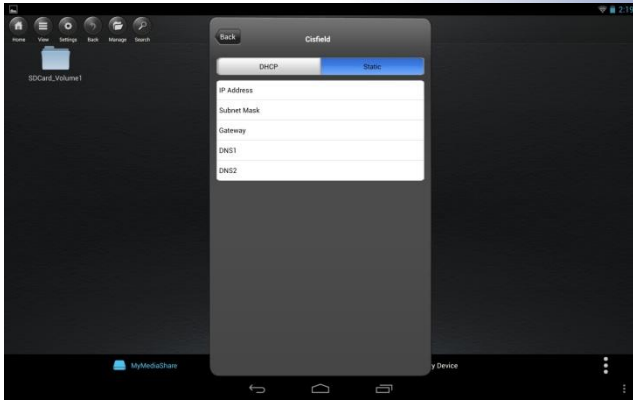
Channel
If Internet Bridge is disabled, then you may optionally set the Wi-Fi channel number from 1-11. The default selection is "auto", which allows MediaShare to choose a channel with the best signal quality.

If the Internet Bridge is enabled, then MediaShare will use the channel set by the router.

Clear Cache Button

Click the Clear Cache button to clear the SSID cache files that have been saved during prior sessions or from third party applications.

Saving Settings

Press the Settings button in order to save settings and activate the bridging function. Press OK to confirm, note that you may need to reconnect to MediaShare. Once the Internet Bridge function is active you will see the green Internet Bridge LED illuminated.

Exiting the MediaShare App

To exit the MediaShare app on iOS devices, simply press the Home key on your mobile device.

To shut down the MediaShare app after exiting, click on the Home key twice and the list of running apps will appear at the bottom of your device. Click and hold the MediaShare app icon until the minus "-"sign appears at the top corner of the app icon. Click on the minus "-"sign to shutdown the app.

Uninstalling MediaShare App

To uninstall the app from your Apple Mobile Device, click and hold the MediaShare app for few seconds. An "X" mark will appear on all the icons on your mobile device as seen on the screenshot below. Simple click on the "X" located at the top-left corner of the MediaShare icon and this will remove the app from your mobile device.

Getting Help

If you are experiencing difficulty installing or using your Verbatim product, please visit the main Technical Support website at verbatim.com/support

Limited Warranty Terms

Verbatim offers to the original owner a 2-year limited warranty. For warranty terms that apply in your region, visit verbatim.com/warranty.

FCC Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Caution!
The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

CE Compliance Declaration

This device complies with the essential protection requirements of the Radio and Telecommunications Terminal Equipment Directive 1999/5/EC and its amendments on the approximation of the laws of the Member States relating to wireless radio equipment and electrical safety.

EN 300 328 V1.7.1 : 2006
EN 301 489-1 V1.9.2 : 2011
EN 301 489-17 V2.2.1 : 2012
EN 55022 : 2010
EN 55024 : 2010
EN 62479 : 2010
EN 60950-1 : 2006+ A11 : 2009 + A1 : 2010 + A12 : 2011

Canada IC RSS-210:2010

This device complies with Industry Canada license-exempt RSS standards. 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
1) L'appareil ne doit pas produire de brouillage; et
2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi,même si le brouillage est susceptible d'en compromettre le fonctionnement.

WEEE Notice

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life. The WEEE logo (shown at the left) on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local municipal household waste disposal service or shop from where you purchased the equipment.

Rights

The embedded firmware for this product is provided under the terms of the Gnu General Public License.

Licensing Information

The Verbatim MediaShare Wireless includes copyrighted third-party software licensed under the terms of the GNU General Public License. Please see The GNU General Public License for the exact terms and conditions of this license.

Item	Name	Package(Version)	Note
Bootloader	U-Boot	U-Boot 1.1.3	GPL v2 or later
Kernel	Linux	linux-2.6.21	GPL v2 or later
Library			
	uclibc	uClibc-0.9.28	(LGPL) version 2 or later
	ldso	ld-uClibc-0.9.28.so	GPL
	libm	libm-0.9.28.so	FreeBSD
	libnsl	libnsl-0.9.28.so	GPL
	libpcap-1.0.0	libpcap-1.0.0	GPL
	libpthread	libpthread-0.9.28.so	GPL
	libiconv	libiconv-1.13.1	GPL
	libevent	libevent-2.0.10-stable	GPL
	libutil	libutil-0.9.28.so	GPL
	libz	zlib-1.2.3	Zlib(Distributable)
	libsqlite3.so.0	sqlite-autoconf-3071300	GPL
Application			
	busybox	BusyBox v1.12.1	GPL v2 or later
	ntp	ntp-4.2.4p2	GPL v2
	ntpclient	ntpclient	GPL v2
	parted	parted-3.0	GPL
	samba	samba-3.0.24	GPL
	lighttpd	lighttpd-1.4.28	GPL
	apache	Apache2.2.22	GPL
	hdparm	hdparm v7.7	BSD
	mtd-utils	mtd-utils-1.3.1	GPL
	ntfs-3g	ntfs-3g_ntfsprogs-2012.1.15	GPL
	ez-ipupdatels	ez-ipupdate-3.0.10	(distributable)
	udev	udev-125ps	GPL
	wireless_tools	V29	GPL
	bridge-utils	2006-01-31	GPL
	pcre	7.9	BSD
	arptable	arptable-0.0.3	GPL
	dhcpforwarder	2004-08-19	Internet Systems
	ethtool	Ethtool V6	GPL
	expat	expat-2.0.1	MIT/X Consortium License
	igmpproxy	igmpproxy0.1 beta2	GPL
	inadyn	inadynVersion 1.96	GPL
	iproute2	iproute2-2.6.24-rc7	GPL
	iptables	iptables-1.3.5	GPL
	acl	acl-2.2.49	GPL
	mii_mgr	mii_mgr	GPL
	mtd_write	mtd_write	GPL

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