



User Manual

MediaShair 2 Hub w/Built-in Power Station

GWFRSDU2
PART NO. M1328

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Package Contents

- 1 x MediaShair 2 Wireless Media Hub
- 1 x USB to Micro USB Cable
- 1 x User Manual
- 1 x Warranty Card

System Requirements

- Wi-Fi equipped wireless devices
- SD Card or external USB Storage device with Media Content
- Mobile devices require either Android 3.0 & up or iOS 4.0 & up
- Wired or Wireless network available for Internet connection when using optional Access Point feature.*

*The MediaShair 2 Hub can connect to a wired or wireless local network and use the built-in Access Point to share Wi-Fi Internet access to multiple wireless devices. Ethernet cable required for wired networks, or the pre-shared security key for wireless networks.

Product Overview

1. Power button
2.  Internet indicator
3.  Wi-Fi indicator
Flashing Blue - Wi-Fi network restarting
Solid Blue - Wi-Fi network ready
4.  SD card indicator
5.  Battery charging indicator
Solid Green - Power on
Flashing Green - Media Hub is charging
Red - Battery low, recharge required
6. SD Card slot
7. Reset button
8. RJ-45 Ethernet port
9. USB port (also works as an emergency charging port)
10. Micro USB charging input



Getting Started

1. MediaShair 2 Mode:

MediaShair 2 mode is the normal operating mode which enables all features and functions of the device. The Powerstation mode (described in the next section) turns on only the charging output, and keeps the rest of the unit functions off to save power.

To turn on the MediaShair 2 Hub and begin streaming your stored content:

- a. Press and hold the power button for 5 seconds to turn MediaShair 2 Hub on.
- b. The green LED battery indicator will turn on.
- c. The blue Wi-Fi indicator will begin flashing then light solid to indicate network is ready.
- d. Connect to the MediaShair 2 Hub's Wi-Fi network as shown for your device. (see ***MediaShair 2 Hub Setup***)
- e. Press and hold power button for 5 seconds to turn MediaShair 2 Hub off.

2. Powerstation Mode:

The MediaShair 2 Hub has a built-in Powerstation mode that can provide a quick boost to mobile devices such as smartphones or MP3 players in the event of an emergency. The MediaShair 2 Hub charging output current is rated at 1A.

*Please note that using the Powerstation mode can severely shorten the playback time if not fully recharged before streaming media content.

If the MediaShair 2 Hub is already on:

- a. Plug the charging cable for your mobile device into the MediaShair 2 Hub USB port.
- b. The device will begin charging.

If the MediaShair 2 Hub is off

- a. Plug the charging cable for your mobile device into the MediaShair 2 Hub USB port.
- b. Press the power button once to turn Powerstation feature on.
- c. The green LED battery indicator will turn on and the device will begin charging.
- d. When you are done charging, press the power button once to turn Powerstation feature off.

3. Recharging the MediaShair 2 Hub:

When the battery indicator turns red, the unit must be recharged. Connect the included USB car charger, or nearly any USB wall charger such as those included with most smartphones and tablets. For convenience the MediaShair 2 Hub can also be charged from any computer USB port, but due to the lower output current of computer USB ports it may take longer to fully recharge.

4. Resetting the MediaShair 2 Hub:

If at any point your MediaShair 2 Hub is not operating correctly or if the pre-shared key is lost, you will need to perform a hard reset to restore the MediaShair 2 Hub to Factory Default Settings.

- a. Locate the Reset Button on the back of the unit.
- b. Insert a paperclip into the reset button opening and hold the button down for 5 seconds, then release.
- c. The MediaShair 2 Hub will reset and Wi-Fi Indicator light will flash momentarily. Once the Wi-Fi Indicator lights solid, the MediaShair 2 Hub has been reset back to factory default settings.

MediaShair 2 Hub Setup (iPod®/iPhone®/iPad®)

1. MediaShair 2 Power Up:

Press and hold the power button for 5 seconds to turn on the MediaShair 2 Hub.

- The green power LED will turn on.
- The blue Wi-Fi LED will begin flashing and turn solid when the Wi-Fi network is live.

2. App Store:

- a. Open the App Store on your iPod, iPhone or iPad. Search for the MediaShair 2 app and download it to your device.
- b. After installation is complete, the MediaShair 2 App icon will be shown on the device.

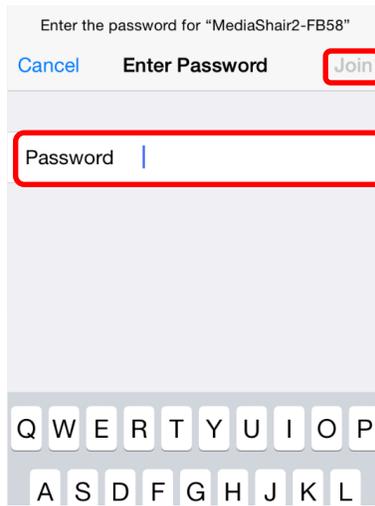


3. Device Settings:

- a. Open the Settings menu on your device and set Wi-Fi to ON.
- b. Choose MediaShair 2-XXXX network (-XXXX is the last 4 digits of the device's MAC ID).



- c. Enter the default password 12345678 and tap Join to connect.



d. Wi-Fi will display MediaShair 2-XXXX.



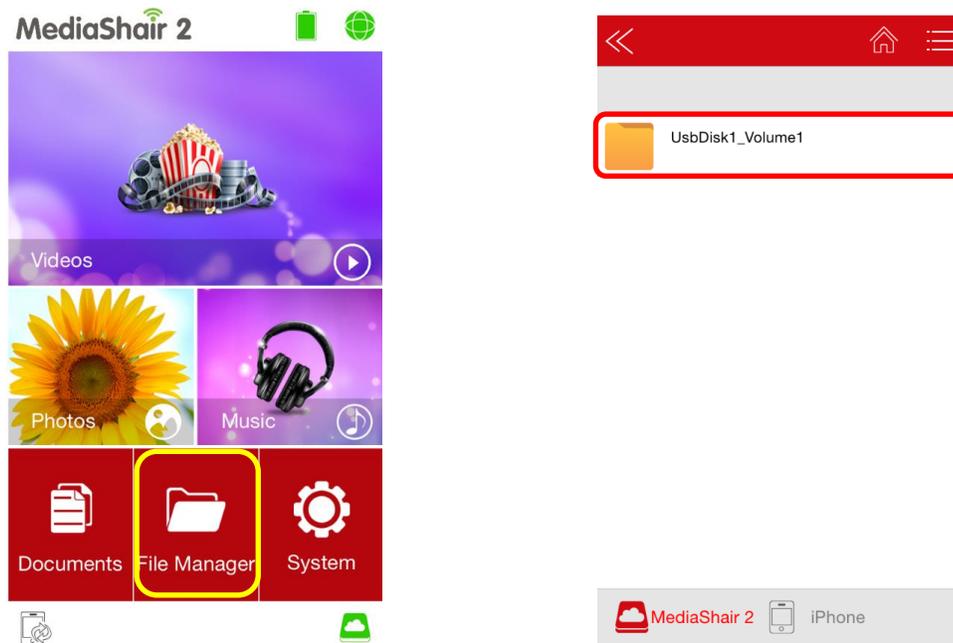
Viewing MediaShair 2 Hub Content (iPod®/iPhone®/iPad®)

1. Accessing and Viewing Content:

- a. Insert a SD Card, USB Flash Drive or External Hard Drive with movies, music, photos or files.



- b. Make sure the MediaShair 2-XXXX Wi-Fi network is connected.
- c. Open the MediaShair 2 App on your iOS device.
- d. On the Home screen, tap the File Manager button to show the SD Card and/or USB contents. Select the storage device that you would like to access.



- e. Tap the desired folder, then tap the file you wish to access and playback will begin automatically. Please Note: Only iOS supported formats can be played.

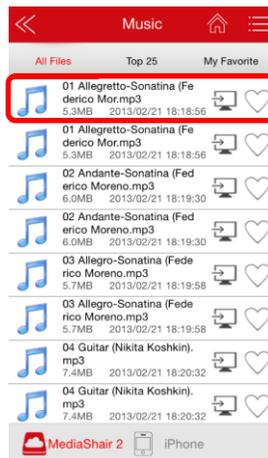
2. Using the Function Buttons:

- Home Button  - Tap to bring you back to the Main Screen.
- View Button  - Tap to switch between List and Thumbnail views.
- Back Button  - Tap to view the previous screen.
- Manage Button  - Tap to Select All, Create Folder, Copy, Cut, Paste, Rename and Delete files.
- MediaShair 2  MediaShair 2 - Tap to access content on storage devices connected to the MediaShair 2 Hub
- Local Device  iPhone - Tap to access content stored within the MediaShair 2 App on your device
- Share Button  - Tap to choose to upload to Facebook, send by E-mail, download to local device, or mark as favorite.
- Transfer Information Button  - Tap to see current transfer status and transfer log.

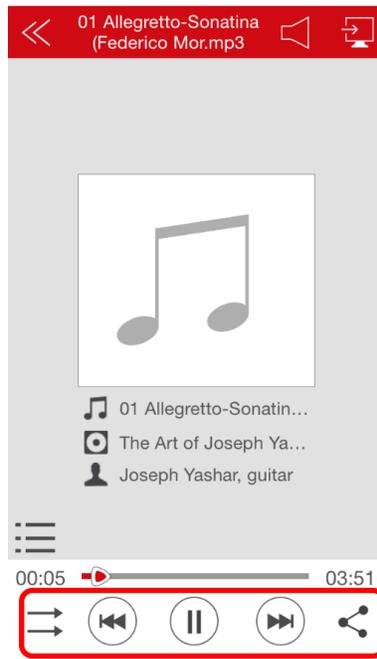
Media Playback - Music/Audio Files (iPod®/iPhone®/iPad®)

1. Playing Music or Audio Files:

- a. Locate the music or audio file that you would like to play.
- b. Tap the file name and the file will begin playing automatically.



2. Audio Playback Controls:



- Track Back - Tap once to restart currently playing track. Tap twice to play previous track.
- Track Forward - Tap once to play next track.
- Play/Pause - Tap to pause or to begin/resume current track.
- Stop - Tap to stop the song currently playing.

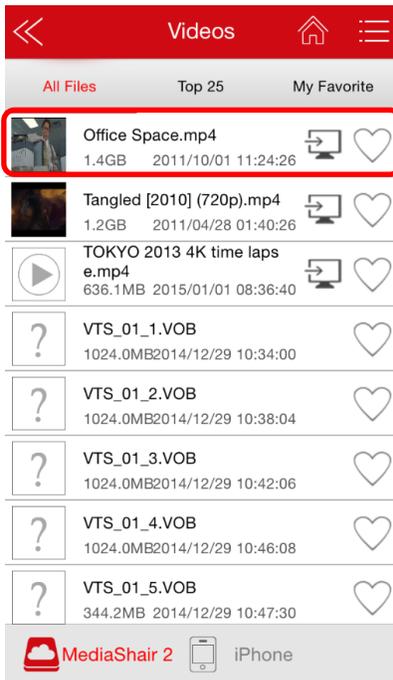
Tap the Playback Mode icon to cycle through the different options:

- Single Play - Plays the current track.
- Repeat Song - Repeats the current track.
- Shuffle - All music or audio files will playback randomly and will only stop when the Pause button () is tapped.
- Play Current List - All music or audio files will playback sequentially.
- Repeat Current List - All music or audio files will playback in sequence and will only stop when the Pause button () is tapped.

Media Playback - Movie/Video Files (iPod®/iPhone®/iPad®)

1. Playing a Movie or Video File:

- Locate the movie file that you would like to play.
- Tap the file name and the file will begin playing automatically.



- c. By default, the video playback is in Landscape mode. Please Note: Only file formats supported by iOS will be viewable.



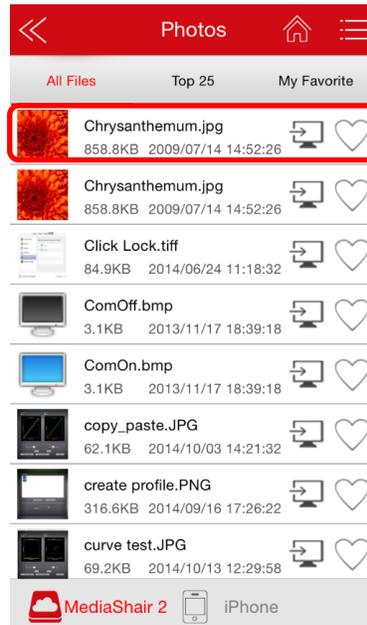
2. Movie Playback Controls:

- Play/Pause  - Tap Play button to begin/resume the video. Tap Pause to pause the video.
- Rewind/Start Over  - Tap and hold to rewind the video during playback. Tap to restart playback.
- Fast Forward  - Tap and hold to fast forward the video during playback.
- Fit to Screen  - Tap the Fit to Screen button to scale the video file to fill your device's screen.
- Choose different output source  - Tap and select the local DNLA device you would like to output to.

Media Playback - Photo Files (iPod®/iPhone®/iPad®)

1. Viewing Photo Files:

- a. Locate the photo file that you would like to view.



- b. Tap the thumbnail and the photo will open automatically. *Please Note: Only file formats supported by iOS will be viewable.



2. Photo Viewing Controls:

- To cycle through your photos, simply swipe to the left or right.
- To view your photos in slideshow mode, tap the play button ► .

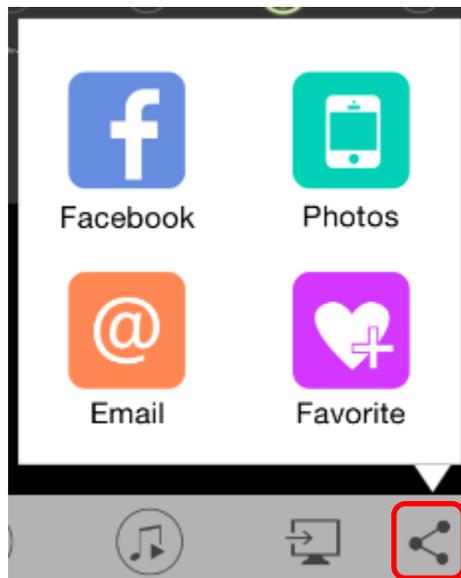
3. Slideshow Playback Controls:

- Single Slideshow  - Tap the Single Slideshow button to play the slideshow once, stopping after the last photo is displayed.
- Pause Slideshow  - Tap the Pause button to pause the slideshow. Tap again to continue playing.
- Restart/Replay Slideshow  - Tap to restart or replay Slideshow
- Background Music  - Tap this to add music to your slideshow.

Photo Sharing (iPod®/iPhone®/iPad®)

1. Sharing Photos:

- To share a selected photo, tap the Share button  to bring up the options for sharing.



2. Sharing Options:

- To share via E-Mail:

To email a selected photo, tap the Email button. The default email app will launch with the photo attached. Type in the email address, subject, and any message then press send.
- To share to iOS Camera Roll:
 - To add the selected photo to your camera roll, tap the Photos button. A notification will let you know when saving is complete.
- To upload to Facebook:

- i. To upload the selected photo to Facebook, tap the Facebook button.
- ii. You will be redirected and prompted to log-in and allow access for WiFi-Storage. Tap OK and your photo will be uploaded. Please Note: To upload to Facebook, you MUST have the Facebook App on your device.



d. To add to favorites:

- To add the selected photo to favorites, tap the Favorite button. The photo will be added to the My Favorite tab in Photos in the MediaShair 2 app.

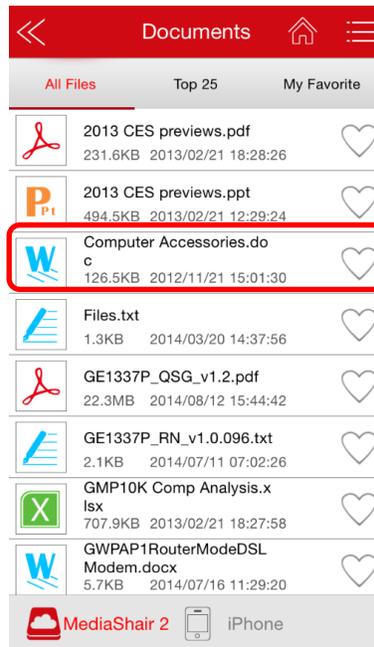
Opening and Viewing Documents (iPod®/iPhone®/iPad®)

1. iOS Supported Formats:

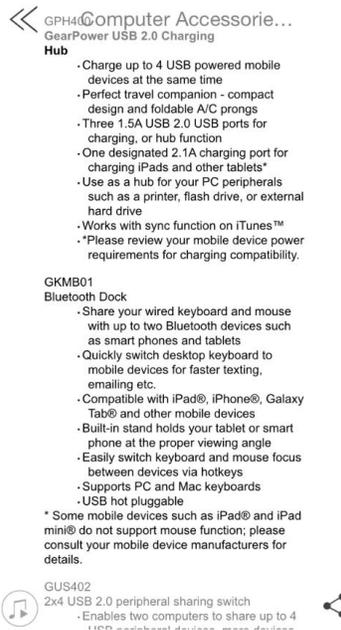
- Keynote
- Numbers
- Pages
- Excel
- Word
- PowerPoint
- PDF
- TXT

2. Viewing Documents:

- a. Locate the document that you would like to view.



- b. Tap the file name and the document will open in viewer mode.



Sharing Documents (iPod®/iPhone®/iPad®)

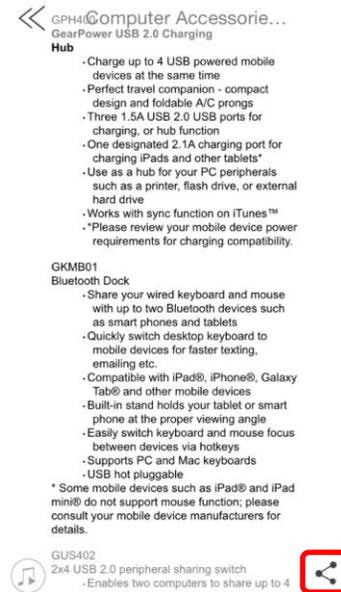
1. Sharing Options:

- Email is the only supported sharing method at this time.

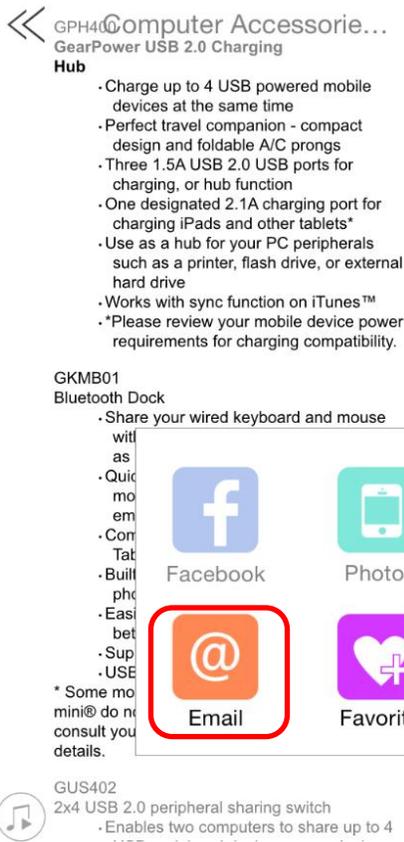
2. Sharing Documents:

a. Select the document to share.

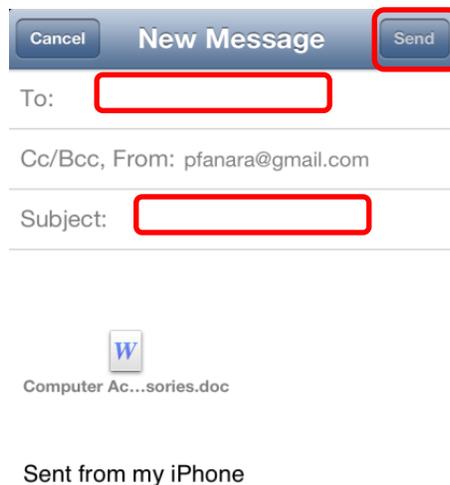
b. Tap the Share button  .



c. Tap the Email button and the default email app will launch with the document attached.



d. Type in the email address, subject, and any message then press send.



Downloading Files to My Device (iPod®/iPhone®/iPad®)

1. Select Download Source:

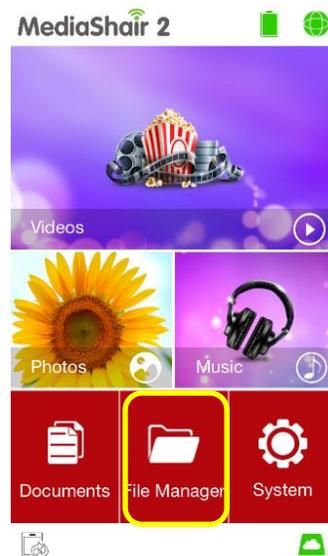
- a. Insert a SD Card or connect a USB Flash Drive or External Hard Drive with movies, music, photos or files.



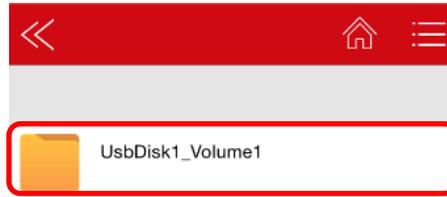
- b. Make sure the file format is supported by the mobile device. Downloaded files are stored in your local device folder within the MediaShair 2 app. (see **Viewing MediaShair 2 Hub Content (iPod®/iPhone®/iPad®)**)

2. Downloading a File:

- a. Make sure the MediaShair 2-xxxx Wi-Fi network is connected.
- b. On the Home screen, tap the File Manager button to show the SD Card and/or USB drive connected.



- c. Select the desired storage device

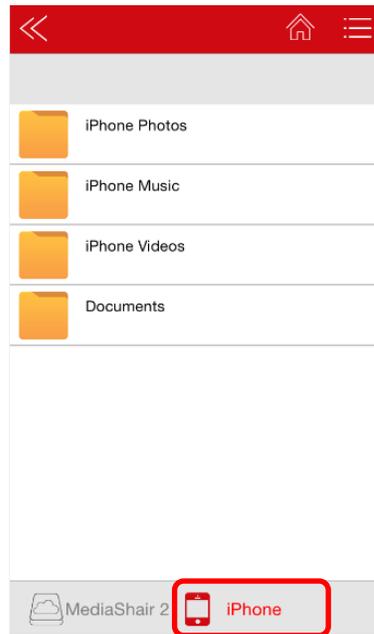


- d. Select the folder or file that you would like to download to your device. A check mark indicates that the file is selected.



- e. Tap the Manage button  and select Copy.

- f. Tap the Local Device (iPod, iPhone, iPad) button and choose the location you wish to download the file to.



- g. Tap the Manage button  and select Paste. File download will now begin.

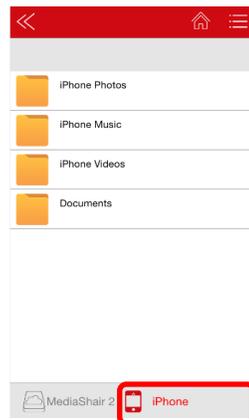
Viewing My Device Content (iPod®/iPhone®/iPad®)

1. Notes on Content:

- Files downloaded to the your device folder (iPod, iPhone, iPad) within the MediaShair 2 app may be viewed at any time, without requiring connection to the MediaShair 2 Hub.
- The stored content may only be viewed or accessed within the MediaShair 2 app.

2. Viewing Content:

- a. To access downloaded content, go to File Manager
- b. Tap on your local device button



- c. Tap the folder in which the file was saved.
- d. Tap the file to view or begin playback.

Uploading Files to MediaShair 2 (iPod®/iPhone®/iPad®)

1. Notes on Content:

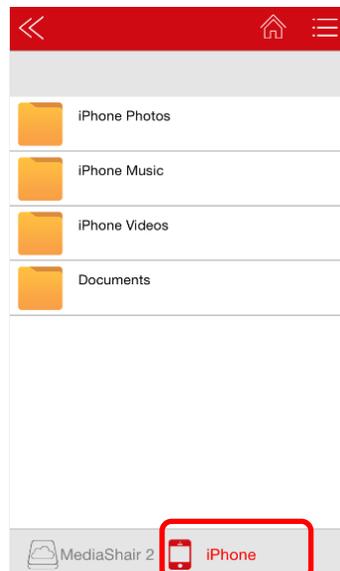
- Only content stored in Local Device or photos in the Camera Roll may be transferred from your device to a USB or SD storage device attached the MediaShair 2 Hub.

2. Uploading a File:

- a. Insert a SD Card or connect a USB Flash Drive or External Hard Drive to the MediaShair 2 Hub.



- b. Make sure the MediaShair 2-xxxx Wi-Fi network is connected.
- c. On the app home screen, tap your local device button to show the contents of your device.



d. Select the folder or file you would like to upload to the storage device on the MediaShair 2. A check mark will indicate that the file has been selected.



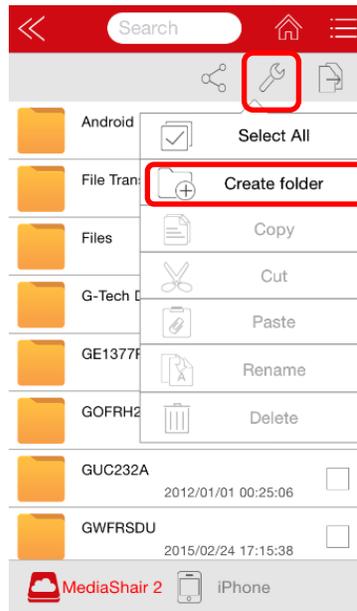
e. Tap the Manage button and select Copy.

f. Tap the MediaShair 2 button and select the storage device and folder you would like to save the file to.

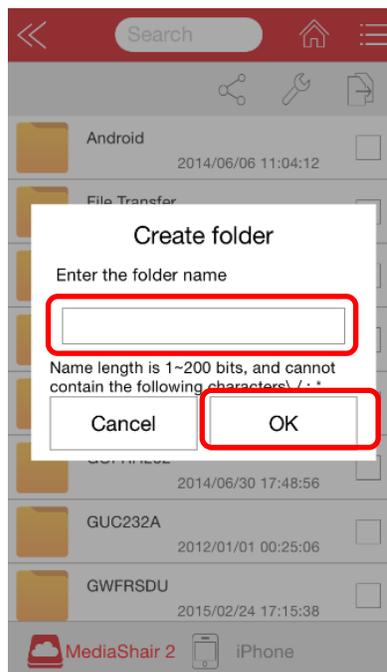


g. Tap the Manage icon and select Paste. File upload will now begin.

Note: You can also create a folder where the files will be saved. Tap the Manage button and select Create Folder.



Enter a name for the new folder and tap OK. You can now save the file in the newly created folder.



Deleting Stored Content (iPod®/iPhone®/iPad®)

1. Deleting Files from MediaShair 2:

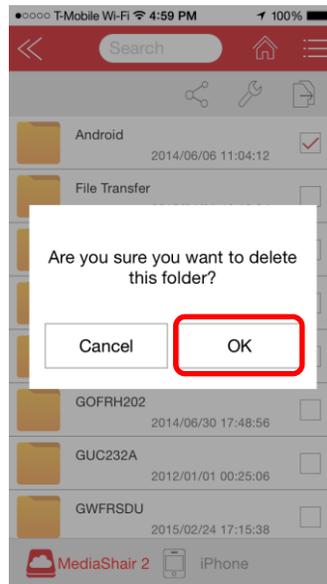
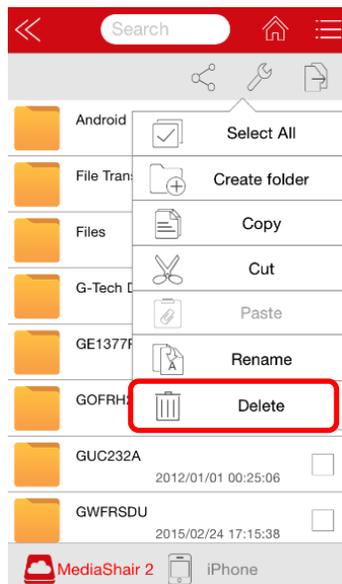
- a. Insert a SD Card or connect a USB Flash Drive or External Hard Drive to the MediaShair 2 Hub.



- b. Make sure the MediaShair 2-XXXX Wi-Fi network is connected.
- c. From the app home screen, tap File Manager and then MediaShair 2.
- d. Select the SD or USB storage, then select the file(s) to delete. A check mark will indicate the file(s) selected. Tap the file again to unselect it.



- e. Tap the Manage button  and then Delete. A warning message will appear asking Are you sure you want to delete the file? Tap OK to confirm or Cancel to go back.



2. Deleting Files from Local Device:

- a. Tap the Local Device button.

- b. Select a folder, then select the file(s) to delete. A check mark will indicate the file(s) selected. Tap the file again to unselect it.

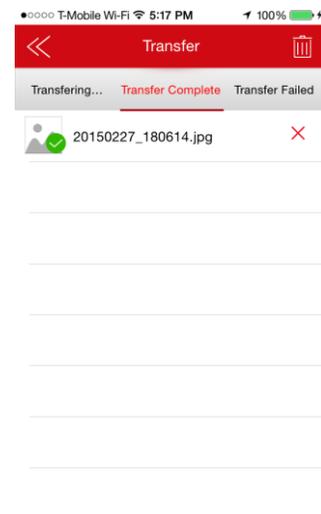
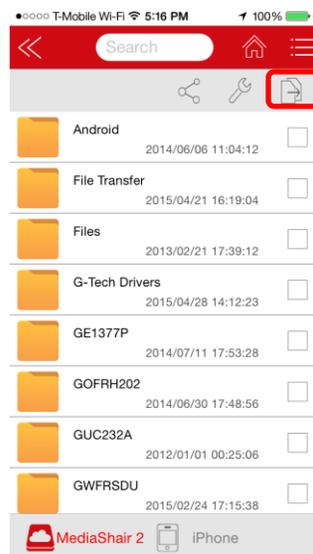


- c. Tap the Manage button  and then Delete. A warning message will appear asking Are you sure you want to delete the file? Tap OK to confirm or Cancel to go back.

Transferred Content (iPod®/iPhone®/iPad®)

1. Checking File Transfer Status:

- To check the history of downloaded or uploaded files between the MediaShair 2 Hub and your device, go into the File Manager from the app home screen and select your MediaShair 2 storage device. Tap on the Transfers icon to display all recently queued / transferred files.



2. Clearing File Transfer Info:

- a. Tap the X to delete each file transfer info or tap the Trashcan icon to clear all file transfer info

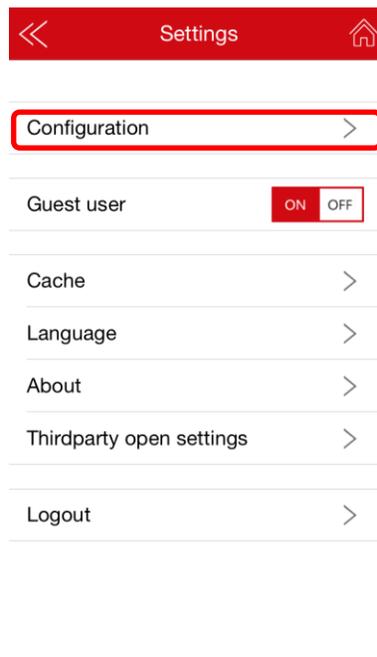
Wired Internet Connection (iPod®/iPhone®/iPad®)

1. Wired Connection Setup:

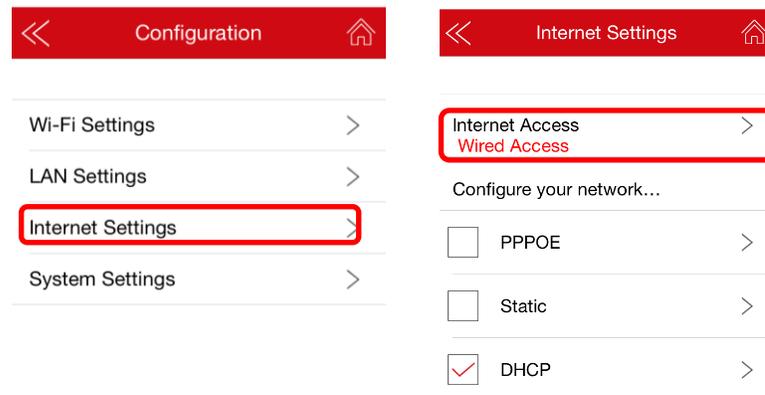
- a. Make sure the MediaShair 2 Hub is powered on and your device is connected the MediaShair 2-XXXX network.
- b. Connect an Ethernet cable from the modem to the RJ-45 Ethernet connector on the MediaShair 2 Hub.



- c. From the App Home Screen, tap System and then Configuration.



- d. Tap Internet Settings and make sure that Wired Access is selected in the Internet Access field.



2. IP Settings:

a. Option 1: DHCP (Default)

- This option is used when your router automatically configures devices that are connected directly to it. DHCP is the default setting.

b. Option 2: Static IP

- i. Tap the Static IP button.
- ii. Please fill in IP Address, Subnet Mask, Gateway, and Primary DNS, and Secondary DNS fields and tap Save.

Static

IP Address 192.168.1.124

Subnet Mask 255.255.255.0

Gateway 192.168.1.1

Primary DNS 68.105.28.12

Second DNS 68.105.29.12

Save

- iii. The MediaShair 2 Hub will need to reboot to apply the changes. Tap OK to confirm, then reconnect to the MediaShair 2-XXXX network when finished.

c. Option 3: PPPoE

- i. Tap the PPPoE button.
- ii. Please fill in Username, Password, Sever Name, Primary DNS and secondary DNS fields and tap Save.

PPPOE

User Name

Password

Server Name

Primary DNS

Second DNS

Save

- iii. The MediaShair 2 Hub will need to reboot to apply the changes. Tap OK to confirm, then reconnect to the MediaShair 2-XXXX network when finished.

Wireless Internet Connection (iPod®/iPhone®/iPad®)

1. Wireless Connection Setup:

- a. Make sure the MediaShair 2 Hub is powered on and your device is connected the MediaShair 2-XXXX network.
- b. From the App Home Screen, tap System and then Configuration.

Settings

Configuration >

Guest user ON OFF

Cache >

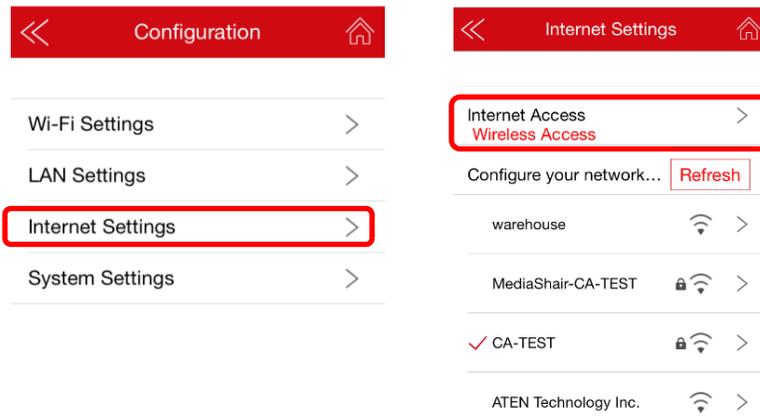
Language >

About >

Thirdparty open settings >

Logout >

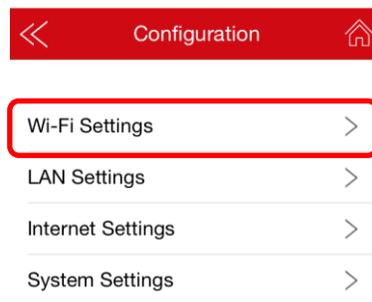
- c. Select Internet Settings and make sure that Wireless Access is selected in the Internet Access field.



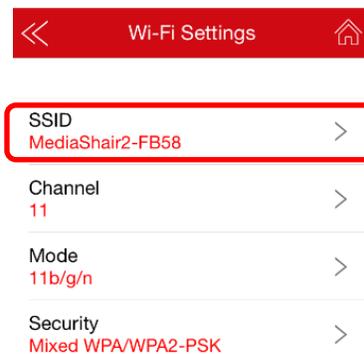
d. Under Configure your network, select a wireless network and enter the password (pre-shared network key). Tap OK to connect.

2. Wireless Security Settings – Device Name:

a. To change the name of your MediaShair 2 Hub tap Wi-Fi Settings.

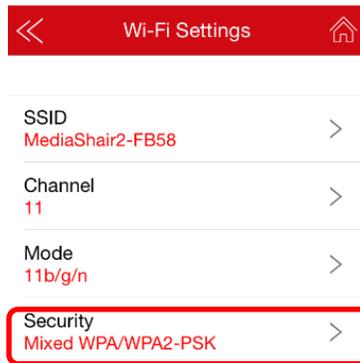


b. Tap SSID and enter the new name into the SSID box then tap the Save button.

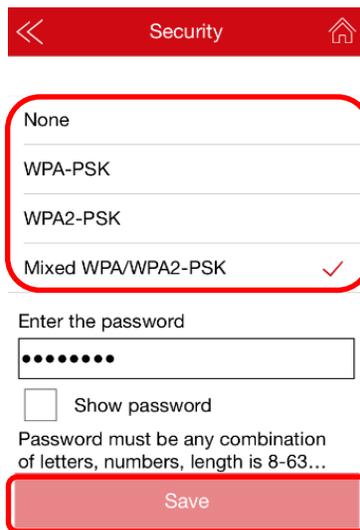


3. Wireless Security Settings – Security Options:

a. To change the security mode and/or pre-shared network key tap Security:



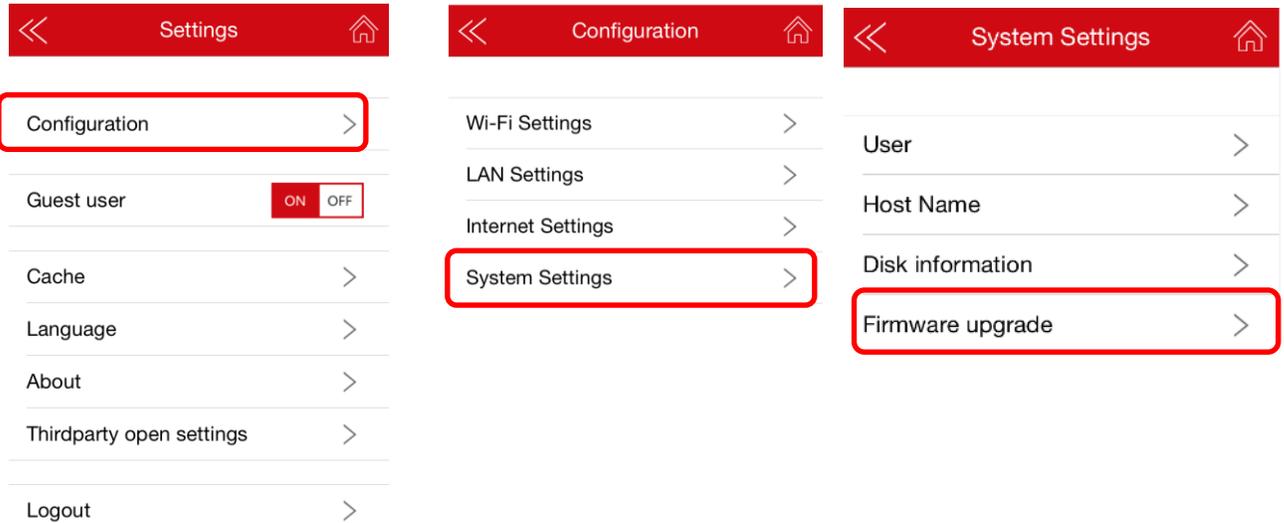
- b. To change the Security Mode, select the desired security mode from the list then tap the Save button or skip to step C to change the security key.



- c. To change the pre-shared security key, enter the new key into the box then tap the Save button. PLEASE NOTE: The security key is case sensitive.
- d. The MediaShair 2 Hub will need to reboot to apply the changes. Tap OK to confirm, then reconnect to the MediaShair 2-XXXX network when finished.

4. Firmware Upgrade:

- To update the MediaShair 2's firmware, download the latest firmware from www.iogear.com and save it to the root directory of your SD card. The file must be located directly inside the root directory, and NOT inside any file folder.
- Plug your SD card with the firmware file into the MediaShair 2 Hub.
- Open the MediaShair 2 app and from the home screen, tap System.
- Tap Configuration and then System Settings. Once in the System Settings menu, select Firmware Upgrade.



- e. Select the downloaded firmware file and upgrade will begin. It will take 5 minutes to complete the firmware upgrade process- DO NOT TURN OFF THE MEDIASHAIR 2 HUB OR MOBILE DEVICE WHILE IT IS UPDATING!

MediaShair 2 Hub Setup (Android® Devices)

1. MediaShair 2 Power Up:

Press and hold the power button for 5 seconds to turn on the MediaShair 2 Hub.

- The green power LED will turn on.
- The blue Wi-Fi LED will begin flashing then turn solid when the Wi-Fi network is live.

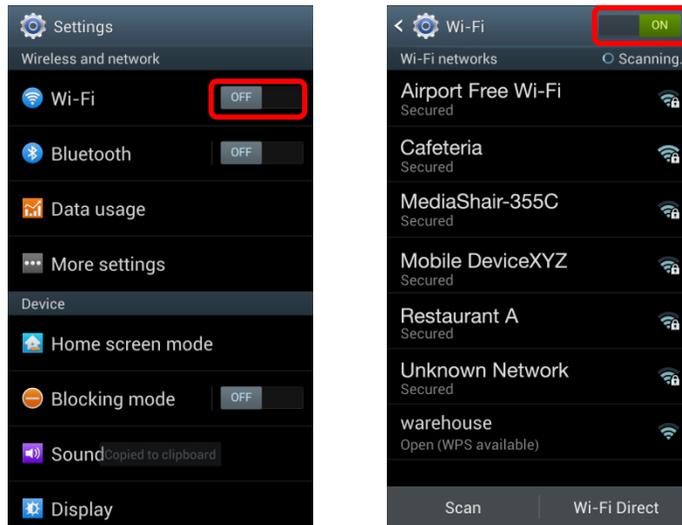
2. Google® Play Store:

- a. Open the Google® Play Store on your Android device. Search for the MediaShair 2 app and download it to your device.
- b. After installation is complete, the MediaShair 2 App icon will be shown on the device.



3. Device Settings:

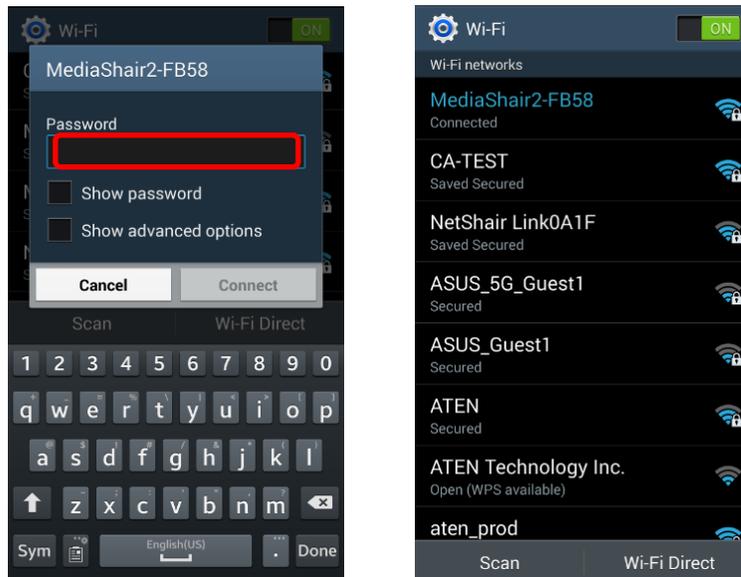
- a. Open the Settings menu on your device and set Wi-Fi to ON.



- b. Choose MediaShair 2-XXXX network (-XXXX is the last 4 digits of the device's MAC ID).



- c. Enter the default password 12345678 and tap Connect to join. Wi-Fi will display MediaShair 2-XXXX.



Viewing MediaShair 2 Hub Content (Android® Devices)

1. Accessing and Viewing Content:

- a. Insert a SD Card, USB Flash Drive or External Hard Drive with movies, music, photos or files.



- b. Make sure the MediaShair 2-XXXX Wi-Fi network is connected.
- c. On the Home screen, tap the File Manager button to show the SD Card and/or USB contents. Select the storage device that you would like to access.



- d. Tap the desired folder, then tap the file you wish to access and playback will begin automatically. *Please Note: Android can support many different file types, so search the Google® Play Store for additional media player options if your player does not work for the desired file type.

2. Using the Function Buttons:

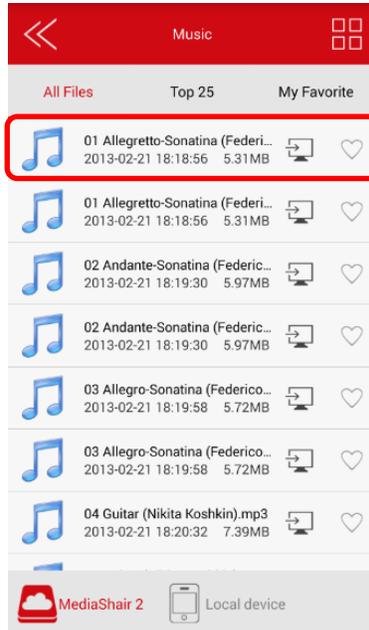
- Home Button  - Tap to bring you back to the Main Screen.
- View Button  - Tap to switch between List and Thumbnail views.
- Back Button  - Tap to view the previous screen.
- Manage Button  - Tap to Select All, Create Folder, Copy, Cut, Paste, Rename and Delete files.
- MediaShair 2  - Tap to access content on storage devices connected to the MediaShair 2 Hub
- Local Device  - Tap to access content stored within the MediaShair 2 App on your device
- Share Button  - Tap to choose to upload to Facebook, send by E-mail, download to local device, or mark as favorite.

- Transfer Information Button  - Tap to see current transfer status and transfer log.

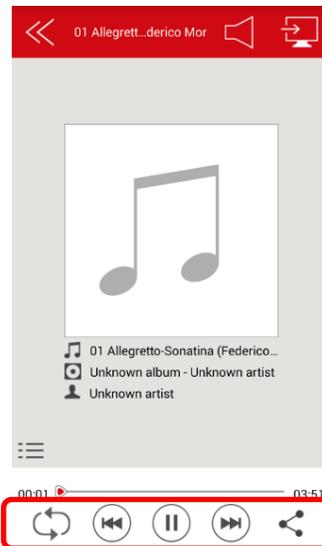
Media Playback (Android® Devices)

1. Playing Music or Audio Files:

- Locate the music or audio file that you would like to play.
- Tap the file name and the file will begin playing automatically.



2. Audio Playback Controls:



- Track Back  - Tap once to restart currently playing track. Tap twice to play previous track.
- Track Forward  - Tap once to play next track.

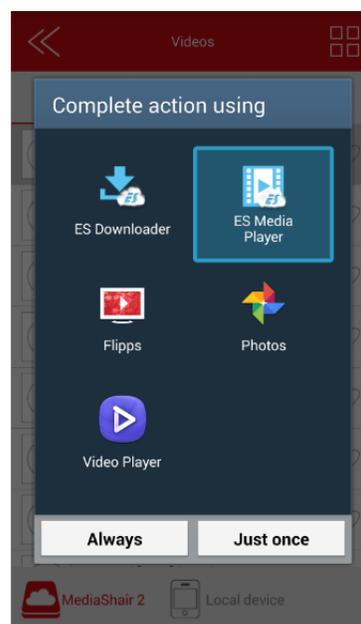
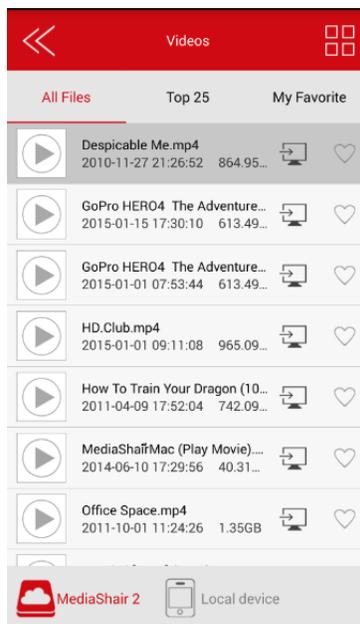
- Play/Pause ► / || - Tap to pause or to begin/resume current track.
- Stop ■ - Tap to stop the song currently playing.

Tap the Playback Mode icon to cycle through the different options:

- Single Play  - Plays the current track.
- Repeat Song  - Repeats the current track.
- Shuffle  - All music or audio files will playback randomly and will only stop when the Pause button (||) is tapped.
- Play Current List  - All music or audio files will playback sequentially.
- Repeat Current List  - All music or audio files will playback in sequence and will only stop when the Pause button (||) is tapped.

Media Playback - Movie/Video Files (Android® Devices)

1. Playing a Movie or Video File:
 - a. Locate the movie file that you would like to play.
 - b. Long press the file name and a list of compatible media player apps will appear. Select the preferred media player and the file will begin playing automatically.



2. Movie Playback Controls:

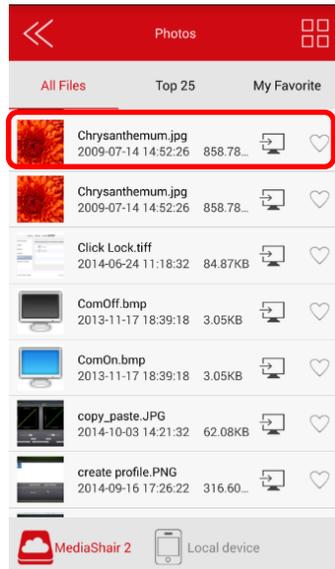
- By default, the video playback is in Landscape mode.
- Play/Pause ► / || - Tap Play button to begin/resume the video. Tap Pause to pause the video.
- Rewind/Start Over  - Tap and hold to rewind the video during playback. Tap to restart playback.

- Fast Forward  - Tap and hold to fast forward the video during playback.
- Fit to Screen  - Tap the Fit to Screen button to scale the video file to fill your device's screen.
- Choose different output source  - Tap and select the local DNLA device you would like to output to.

Media Playback - Photo Files (Android® Devices)

1. Viewing Photo Files:

- Locate the photo file that you would like to view.



- Tap the thumbnail and the photo will open automatically.



2. Photo Viewing Controls:

- To cycle through your photos, simply swipe to the left or right.
- To view your photos in slideshow mode, tap the play button ► .

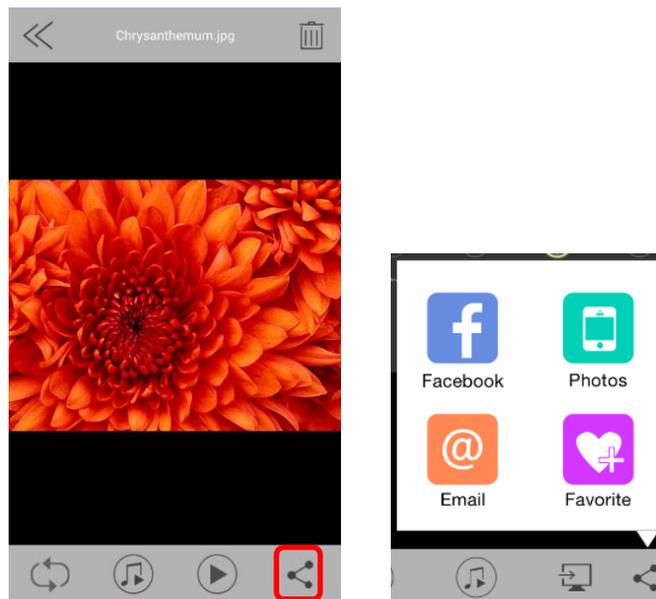
3. Slideshow Playback Controls:

- Single Slideshow  - Tap the Single Slideshow button to play the slideshow once, stopping after the last photo is displayed.
- Pause Slideshow  - Tap the Pause button to pause the slideshow. Tap again to continue playing.
- Restart/Replay Slideshow  - Tap to restart or replay Slideshow
- Background Music  - Tap this to add music to your slideshow.

Photo Sharing (Android® Devices)

1. Sharing Photos:

- To share a selected photo, tap the Share button  to bring up the options for sharing.



2. Sharing Options:

c. To share via E-Mail:

To email a selected photo, tap the Email button. The default email app will launch with the photo attached. Type in the email address, subject, and any message then press send.

d. To share to Photo Gallery:

- To add the selected photo to your Photo Gallery, tap the Photos button. A notification will let you know when saving is complete.

- e. To upload to Facebook:
 - i. To upload the selected photo to Facebook, tap the Facebook button.
 - ii. You will be redirected and prompted to log-in and allow access for WiFi-Storage. Tap OK and your photo will be uploaded. Please Note: To upload to Facebook, you MUST have the Facebook App on your device.
- e. To add to favorites:
 - To add the selected photo to favorites, tap the Favorite button. The photo will be added to the My Favorite tab in Photos in the MediaShair 2 app.

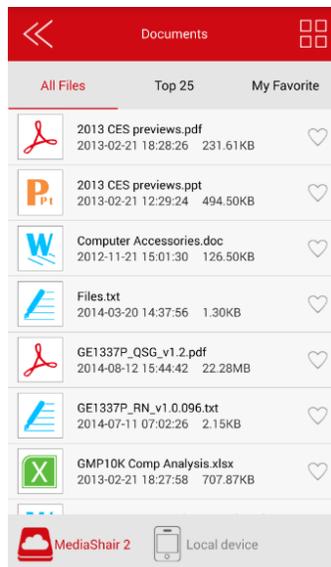
Opening and Viewing Documents (Android® Devices)

1. Supported Formats:

- Excel
- Word
- PowerPoint
- PDF
- TXT

2. Viewing Documents:

- a. Locate the document that you would like to view.



- b. Tap the file name and the document will open in viewer mode or long press the file name to open in other applications.

Downloading Files to My Device (Android® Devices)

1. Select Download Source:

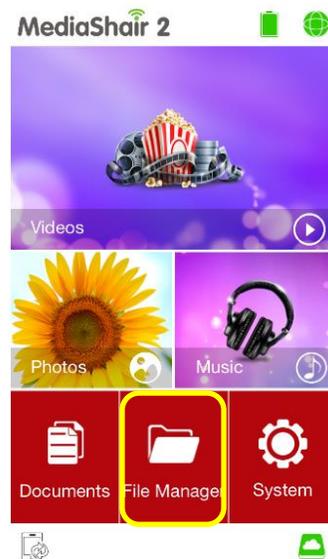
- a. Insert a SD Card or connect a USB Flash Drive or External Hard Drive with movies, music, photos or files.



- b. Make sure the file format is supported by the mobile device. Downloaded files are stored in the Local Device folder within the MediaShair 2 app. (see **Viewing MediaShair 2 Hub Content (Android® Devices)**)

2. Downloading a File:

- a. Make sure the MediaShair 2-XXXX Wi-Fi network is connected.
- b. On the Home screen, tap the File Manager button to show the SD Card and/or USB drive connected.



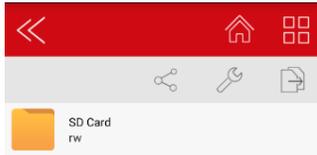
- c. Select the desired storage device.



- d. Select the folder or file that you would like to download to your device. A check mark indicates that the file is selected.



- e. Tap the Manage button and select Copy.
- f. Tap the Local Device button and choose the location you wish to download the file to.



- g. Tap the Manage button and select Paste. File download will now begin.

Viewing My Device Content (Android® Devices)

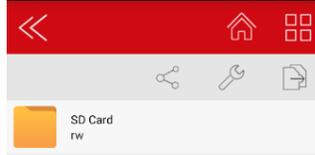
1. Notes on Content:

- Files downloaded to the Local Device folder within the MediaShair 2 app may be viewed at any time, without requiring connection to the MediaShair 2 Hub.

- The stored content may only be viewed or accessed within the MediaShair 2 app.

2. Viewing Content:

- To access downloaded content, go to File Manager
- Tap on the Local Device button



- Tap the folder in which the file was saved.
- Tap the file to view or begin playback.

Uploading Files to MediaShair 2 (Android® Devices)

1. Notes on Content:

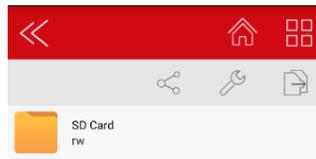
- Android supports multiple file types, but check your apps to confirm compatibility.

2. Uploading a File:

- Insert a SD Card or connect a USB Flash Drive or External Hard.



- Make sure the MediaShair 2-XXXX Wi-Fi network is connected.
- On the app home screen, tap the Local Device button to show the contents of your device.



- d. Select the folder or file you would like to upload to the storage device on the MediaShair 2. A check mark will indicate that the file has been selected.

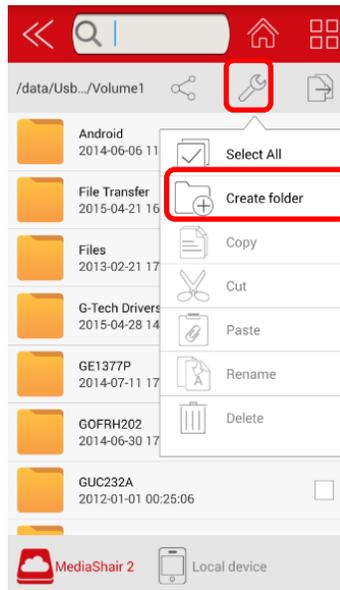


- e. Tap the Manage button and select Copy.
- f. Tap the MediaShair 2 button and select the storage device and folder you would like to save the file to.

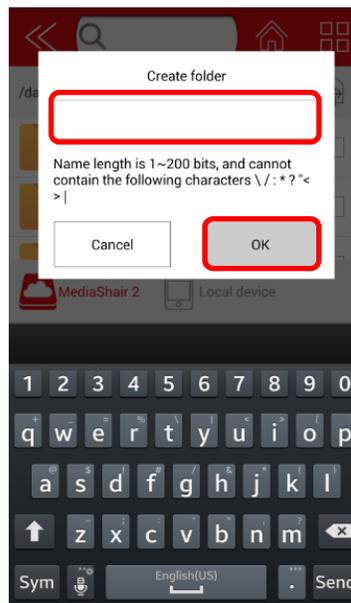


- g. Tap the Manage icon and select Paste. File upload will now begin.

Note: You can also create a folder where the files will be saved. Tap the Manage button and select Create Folder.



Enter a name for the new folder and tap OK. You can now save the file in the newly created folder.



Deleting Stored Content (Android® Devices)

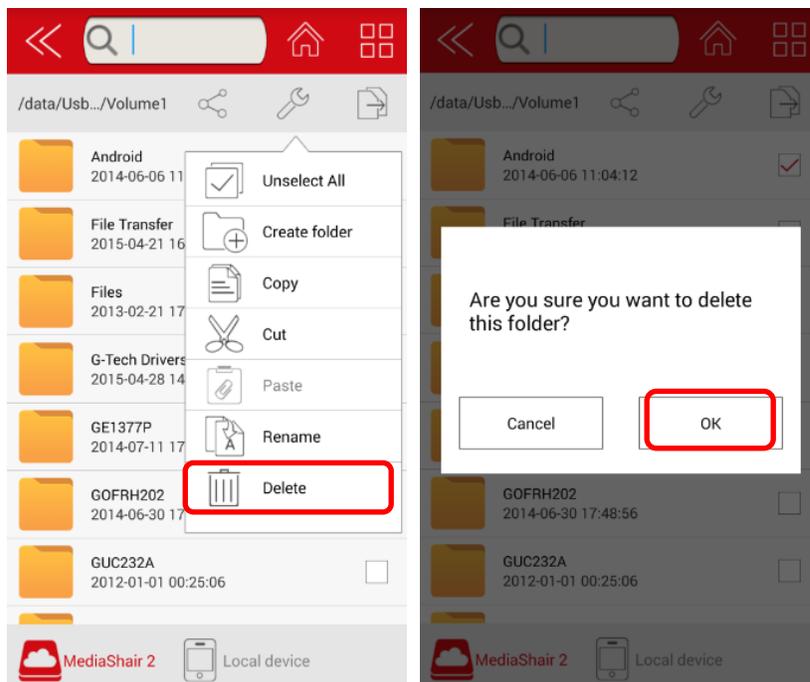
1. Deleting Files from MediaShair 2:
 - a. Insert a SD Card or connect a USB Flash Drive/External Hard Drive to the MediaShair 2 Hub.



- b. Make sure the MediaShair 2-XXXX Wi-Fi network is connected.
- c. From the app home screen, tap File Manager and then MediaShair 2.
- d. Select SD or USB storage, then select the file(s) to delete. A check mark will indicate the file(s) selected. Tap the file again to unselect it.



- e. Tap the Manage button  and then Delete. A warning message will appear asking Are you sure you want to delete the file? Tap OK to confirm or Cancel to go back.



2. Deleting Files from Local Device:

- a. Tap the Local Device button then tap Manage.
- b. Select a folder, then select the file(s) to delete. A check mark will indicate the file(s) selected. Tap the file again to unselect it.

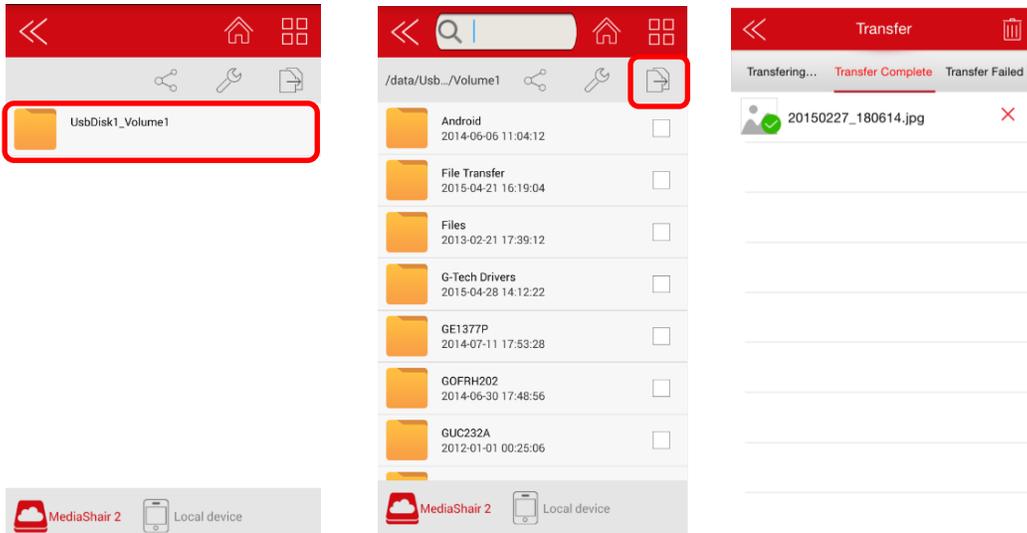


- c. Tap the Manage button  and then Delete. A warning message will appear asking Are you sure you want to delete the file? Tap OK to confirm or Cancel to go back.

Transferred Content (Android® Devices)

1. Checking File Transfer Status:

- To check the history of downloaded or uploaded files between the MediaShair 2 Hub and your device, go into the File Manager from the app home screen and select your MediaShair 2 storage device. Tap on the Transfers icon to display all recently queued / transferred files.



2. Clearing File Transfer Info:

- Tap the X to delete each file transfer info or tap the trash can icon to clear all file transfer info

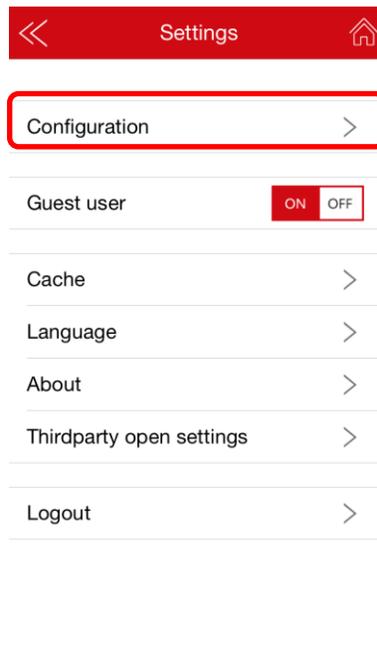
Wired Internet Connection (Android® Devices)

1. Wired Connection Setup:

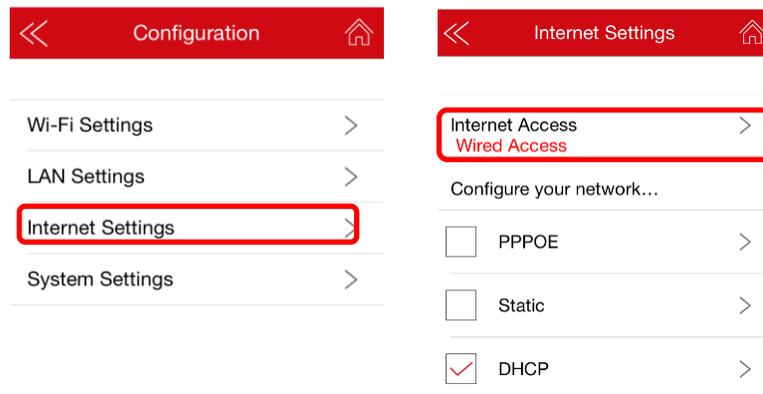
- a. Make sure the MediaShair 2 Hub is powered on and your device is connected the MediaShair 2-XXXX network.
- b. Connect an Ethernet cable from the modem to the RJ-45 Ethernet connector on the MediaShair 2 Hub.



c. From the App Home Screen, tap System and then Configuration.



d. Tap Internet Settings and make sure that Wired Access is selected in the Internet Access field.



2. IP Settings:

a. Option 1: DHCP (Default)

- This option is used when your router automatically configures devices that are connected directly to it. DHCP is the default setting.

b. Option 2: Static IP

- Tap the Static IP button.
- Please fill in IP Address, Subnet Mask, Gateway, and Primary DNS, and Secondary DNS fields and tap Save.

Static

IP Address 192.168.1.124

Subnet Mask 255.255.255.0

Gateway 192.168.1.1

Primary DNS 68.105.28.12

Second DNS 68.105.29.12

Save

- The MediaShair 2 Hub will need to reboot to apply the changes. Tap OK to confirm, then reconnect to the MediaShair 2-XXXX network when finished.

c. Option 3: PPPoE

- Tap the PPPoE button.
- Please fill in Username, Password, Sever Name, Primary DNS and Secondary DNS fields and tap Save.

PPPOE

User Name

Password

Server Name

Primary DNS

Second DNS

Save

- iii. The MediaShair 2 Hub will need to reboot to apply the changes. Tap OK to confirm, then reconnect to the MediaShair 2-XXXX network when finished.

Wireless Internet Connection (Android® Devices)

3. Wireless Connection Setup:

- d. Make sure the MediaShair 2 Hub is powered on and your device is connected the MediaShair 2-XXXX network.
- e. From the App Home Screen, tap System and then Configuration.

Settings

Configuration >

Guest user ON OFF

Cache >

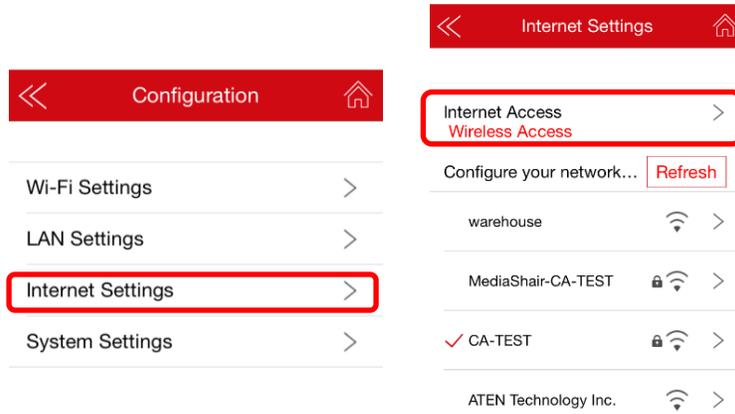
Language >

About >

Thirdparty open settings >

Logout >

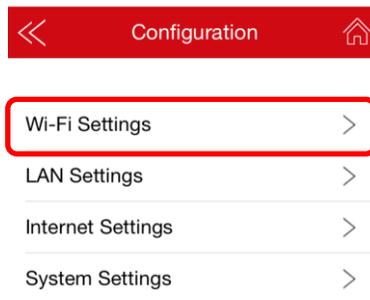
- f. Select Internet Settings and make sure that Wireless Access is selected in the Internet Access field.



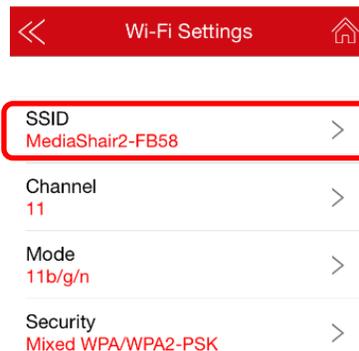
g. Under Configure your network, select a wireless network and enter the password (pre-shared network key). Tap OK to connect.

4. Wireless Security Settings – Device Name:

a. To change the name of your MediaShair 2 Hub tap Wi-Fi Settings.

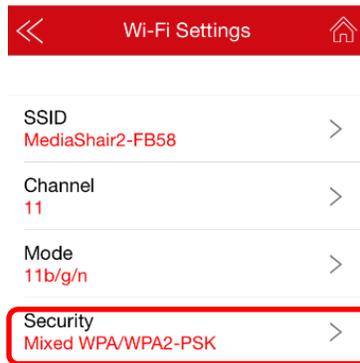


b. Tap SSID and enter the new name into the SSID box then tap the Save button.

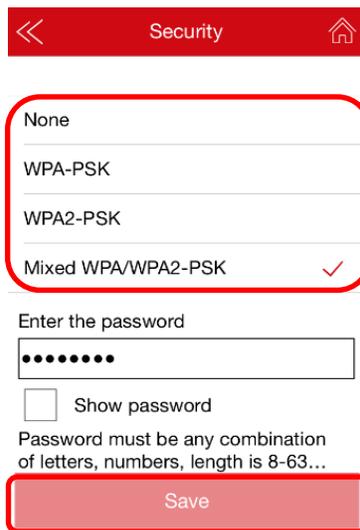


5. Wireless Security Settings – Security Options:

a. To change the security mode and/or pre-shared network key tap Security:



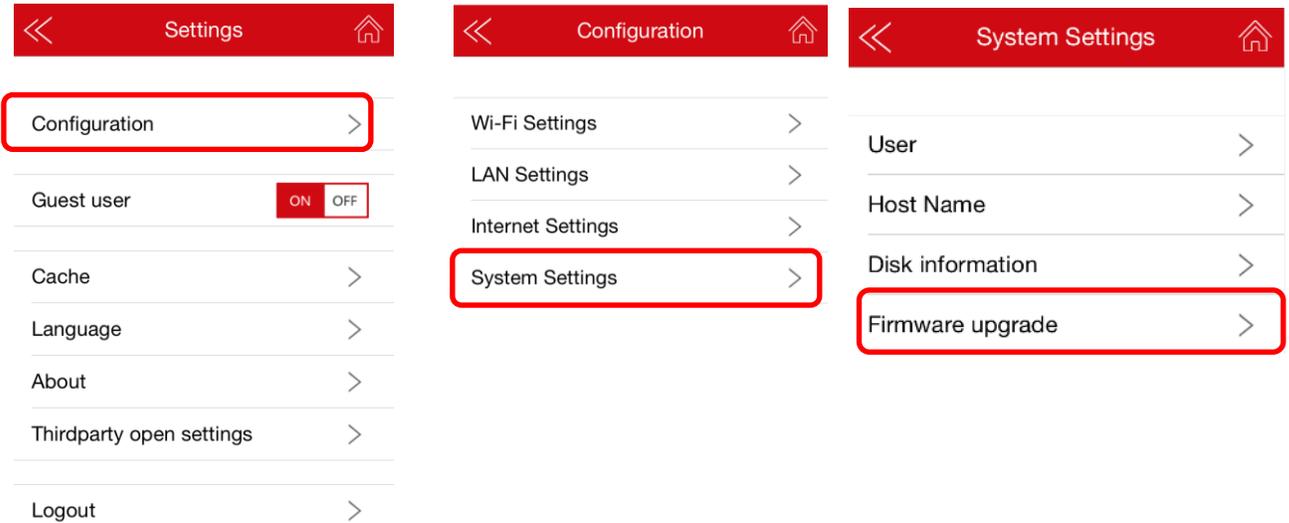
- b. To change the Security Mode, select the desired security mode from the list then tap the Save button or skip to step C to change the security key.



- c. To change the pre-shared security key, enter the new key into the box then tap the Set button. PLEASE NOTE: The security key is case sensitive.
- d. The MediaShair 2 Hub will need to reboot to apply the changes. Tap OK to confirm, then reconnect to the MediaShair 2-XXXX network when finished.

6. Firmware Upgrade:

- To update the MediaShair 2's firmware, download the latest firmware from www.iogear.com and save it to the root directory of your SD card. The file must be located directly inside the root directory, and NOT inside any file folder.
- Plug your SD card with the firmware file into the MediaShair 2 Hub.
- Open the MediaShair 2 app and from the home screen, tap Systems.
- Tap Configuration and then System Settings. Once in the System Settings menu, select Firmware Upgrade.



- e. Select the downloaded firmware file and upgrade will begin. It will take 5 minutes to complete the firmware upgrade process- DO NOT TURN OFF THE MEDIASHAIR 2 HUB OR MOBILE DEVICE WHILE IT IS UPDATING!

MediaShair 2 Hub Setup (PC/Laptop)

1. MediaShair 2 Power Up:

- Press and hold the power button for 5 seconds to turn on the MediaShair 2 Hub.
 - The green power indicator LED will turn on.
 - The blue Wi-Fi indicator LED will begin flashing and then turn solid when the Wi-Fi network is live.

2. Network Settings:

- a. Click on the wireless icon  on the bottom right corner of the screen.
- b. Choose the MediaShair 2-XXXX network.



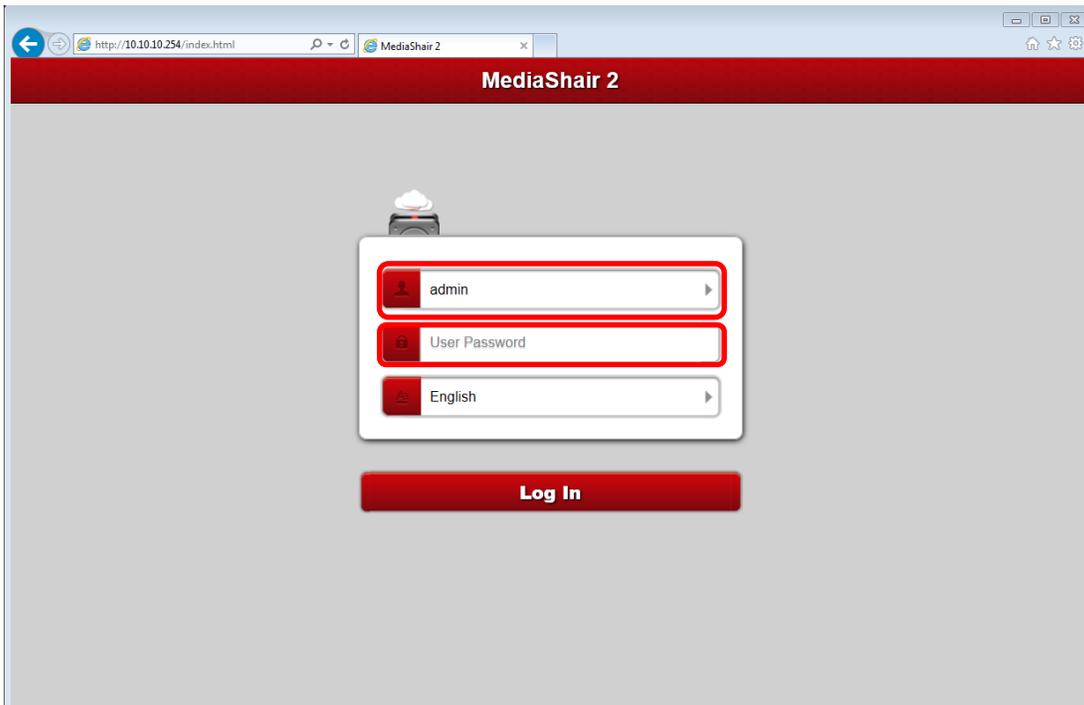
- c. Enter the default password 12345678 and then press OK.
- d. Wi-Fi will display MediaShair 2-XXXX connected.



- e. Open an Internet browser window and enter **10.10.10.254** into the address bar.



- f. Enter the Default Username and Password:



- g. Default Username: **admin**
- h. Default Password: Blank (No Password)

3. MediaShair 2 Home Page:

- The home page provides access to different options for viewing content, file manager and settings



Viewing MediaShair 2 Hub Content (PC/Laptop)

1. Accessing and Viewing Content:

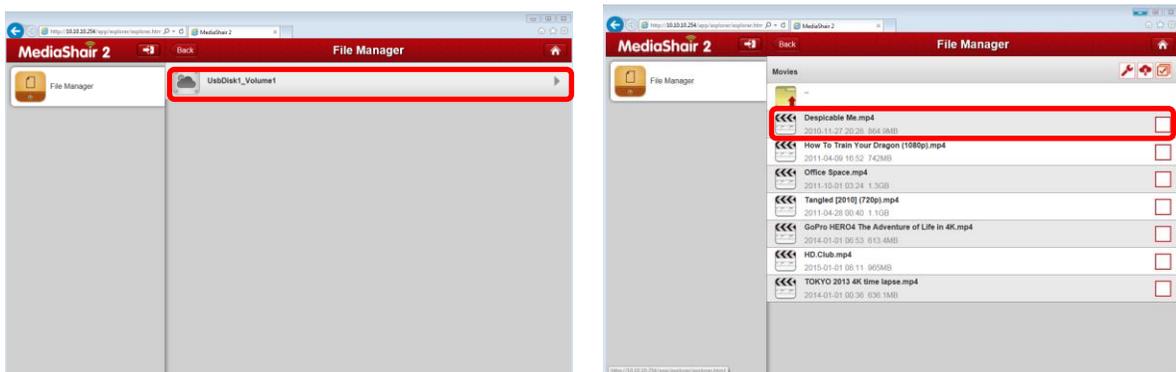
- a. Insert a SD Card, USB Flash or External Drive with movies, music, photos or files.



- b. Make sure the MediaShair 2-xxxx Wi-Fi network is connected.
- c. Open an Internet browser window and enter **10.10.10.254** into the address bar.
 - o Default Username: **admin**
 - o Default Password: Blank (No Password)
- d. Click the File Manager button to open the contents of the SD card or USB device.



- e. Choose the storage device and select a file to view or playback by clicking on it



- f. The selected content will open in a new browser tab or window for viewing.

2. Media Controls:

- Control functions are limited to those built into the computer's browser.

File Management: Download, Upload, Copy, Delete, and More (PC/Laptop)

1. Notes on Content:

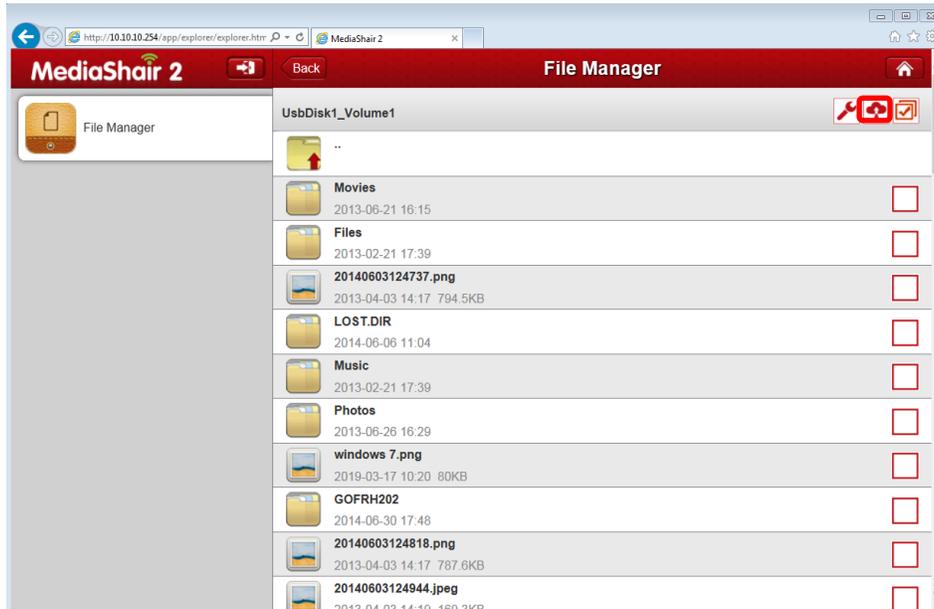
- Although content stored on a PC/Laptop may be transferred to a USB or SD storage device attached the MediaShair 2 Hub, playback of that content on other devices is limited to the formats supported by those individual devices.

2. Managing Files:

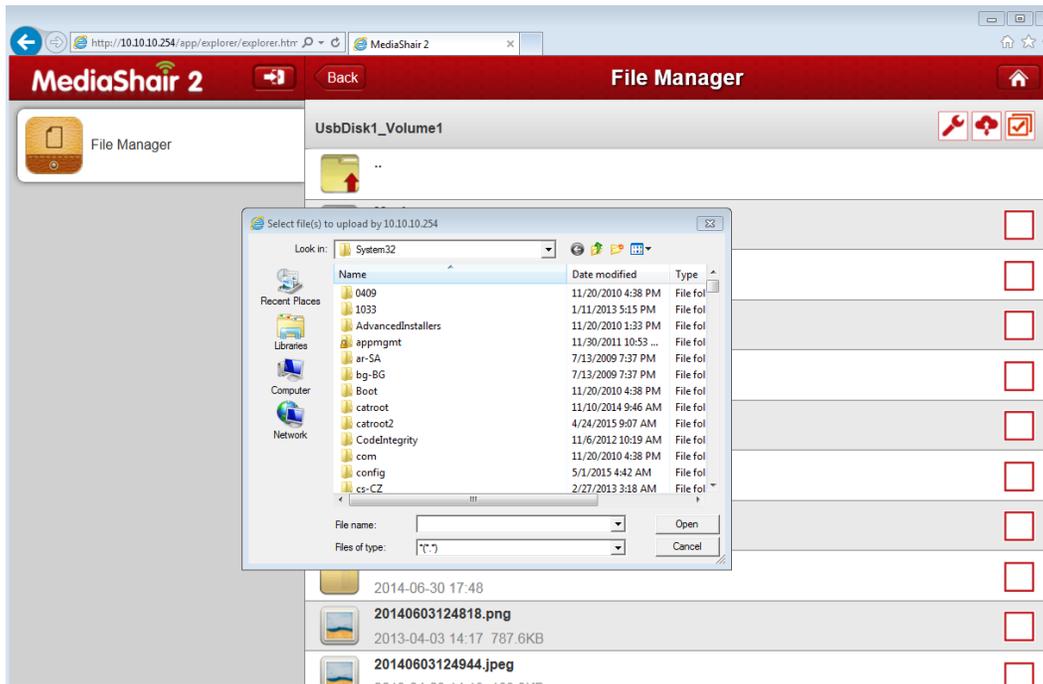
- Press and hold the power button for 5 seconds to turn on the MediaShair 2 Hub.
- Make sure the MediaShair 2-XXXX Wi-Fi network is connected.
- Open an Internet browser window and enter **10.10.10.254** into the address bar.
 - Default Username: **admin**
 - Default Password: Blank (No Password)
- Click the File Manager button to open the contents of the SD card or USB device.
- From the File Manager screen select an option.

3. Uploading Files:

- Click the Upload Button.



- A window will pop up for you to select the file to upload from your computer to the MediaShair 2 Hub. Hit Enter to upload the selected file. Please Note: Files larger than 2GB cannot be uploaded to the MediaShair 2 Hub.



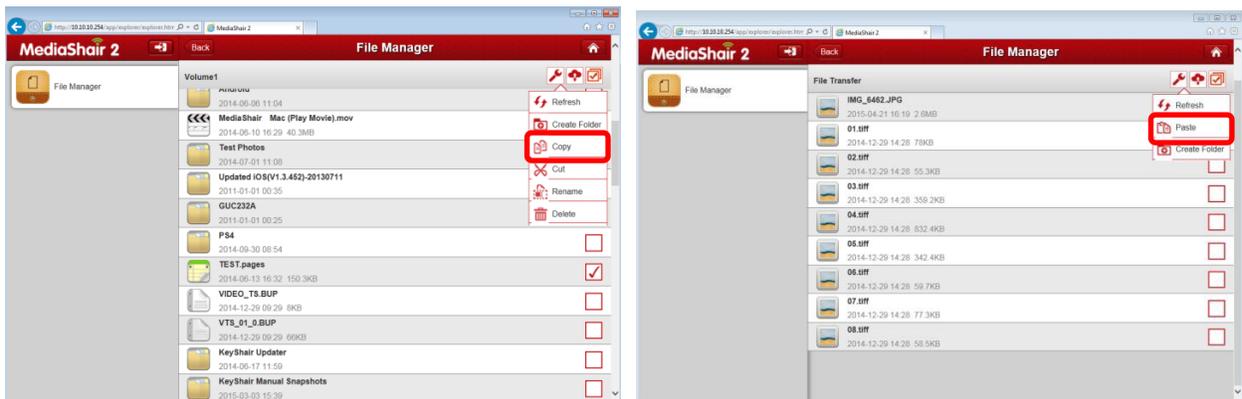
- c. The upload status screen will show the progress of the upload.
- d. Once completed, the file uploaded will appear in the destination folder selected.

4. Creating a New Folder:

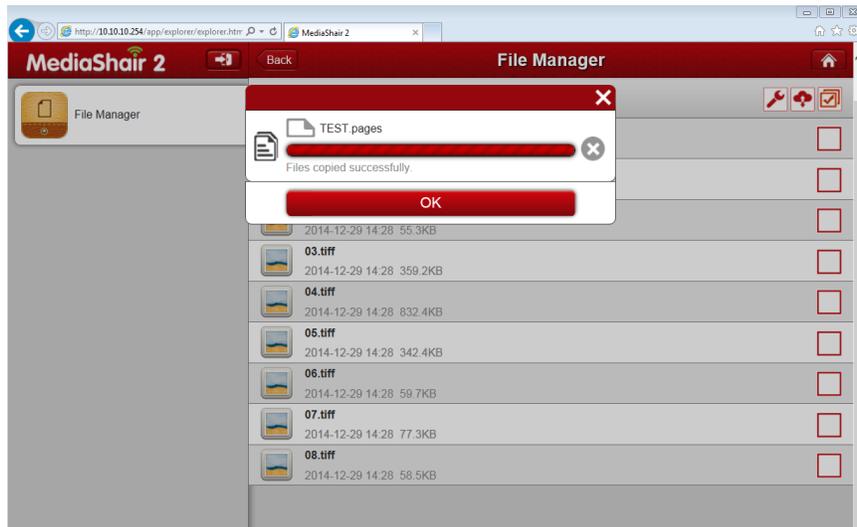
- Click the Manage Button  and select Create Folder. Enter a name for the folder and click OK.

5. Copying Files to/from Connected Storage Devices:

- a. Select the file to copy. A check mark will indicate that the file is selected
- b. Click the Manage button and select Copy.
- c. Go to the desired destination, click the Manage button and select Paste.

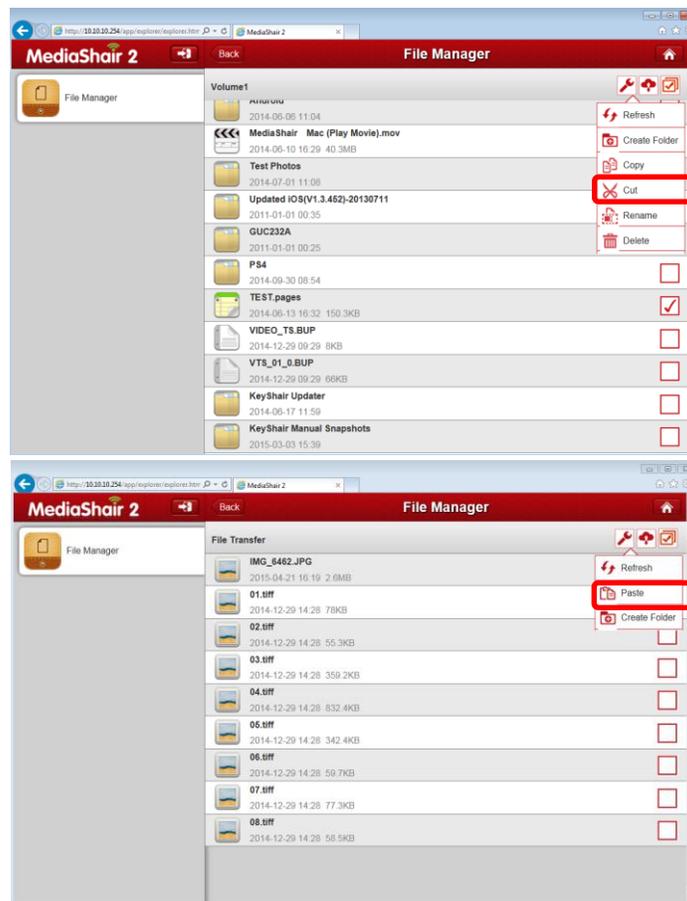


- d. A status screen showing the transfer will appear and a confirmation window alerts you when the file transfer is complete. Click OK to exit.



6. Moving Files Between Connected Storage Devices:

- a. Select a file to move. Click the Manage button  and select Cut.
- b. Go to the desired destination, click the Manage button and select Paste.

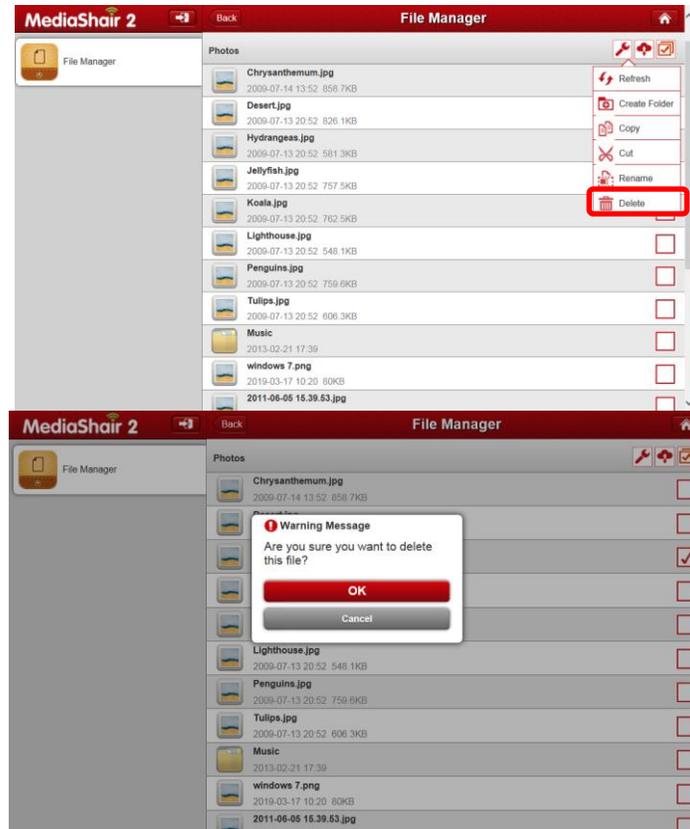


- c. The transfer appears on the status screen, and an alert provides conformation when the file transfer is complete. Click OK to exit.



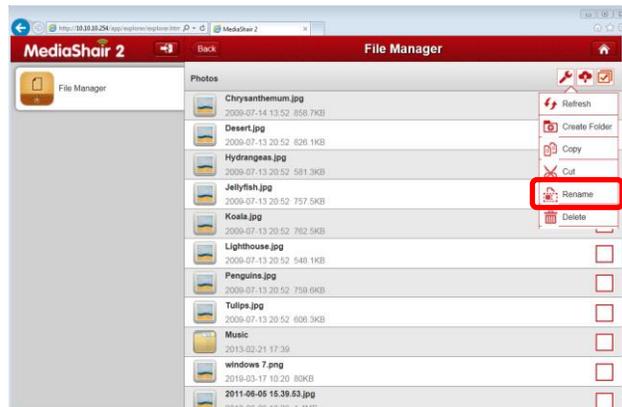
7. Deleting Files:

- a. Select the file to delete. A check mark indicates that the file is selected
- b. Click the Manage button  and select Delete. A confirmation window will appear, click OK to move forward with deleting the file.



8. Renaming Files:

- a. Select the file to rename. A check mark will indicate that the file is selected.
- b. Click the Manage button and select Rename
- c. Type the new name in the text field and click Save.



Wired Internet Connection (PC/Laptop)

1. MediaShair 2 Hub Connection:

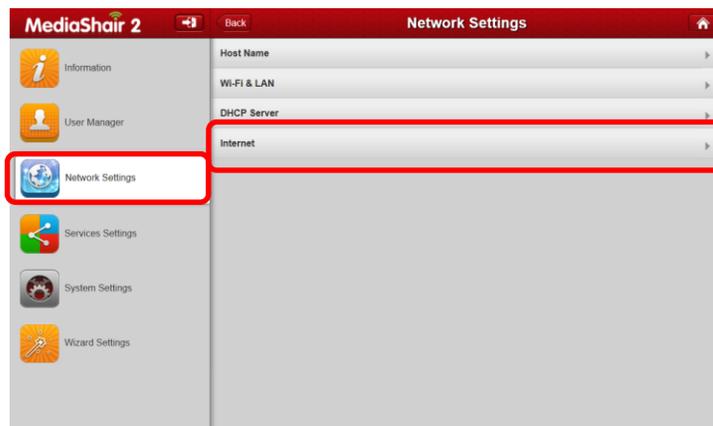
- a. Connect an Ethernet cable from the modem to the RJ-45 Ethernet connector on the MediaShair 2 Hub.



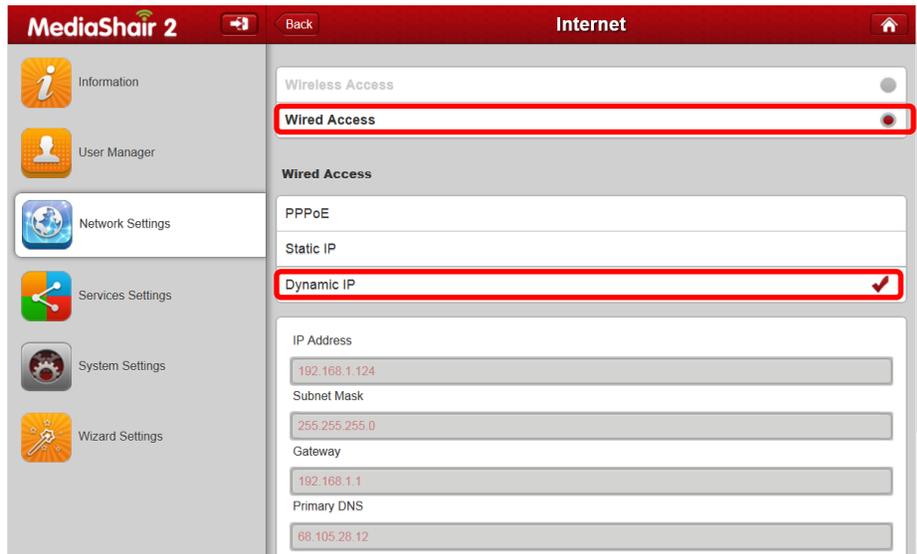
- b. Press and hold the power button for 5 seconds to turn on the MediaShair 2 Hub.
- c. Wait for the blue Wi-Fi indicator to turn on solid.

2. PC/Laptop Setup:

- a. Make sure the PC is connected to the MediaShair 2-XXXX Wi-Fi network as shown under the section entitled: **MediaShair 2 Hub Setup (PC/Laptop)> Network Settings**.
- b. Open an Internet browser window and enter **10.10.10.254** into the address bar.
 - Default Username: admin
 - Default Password: Blank (No Password)
- c. From the home screen, click on Settings and then Network Settings. In the Network Settings menu, click on Internet.



- d. Make sure that Wired Access is selected. **Note:** For easier setup, the MediaShair 2 Hub default configuration is set to Dynamic IP.

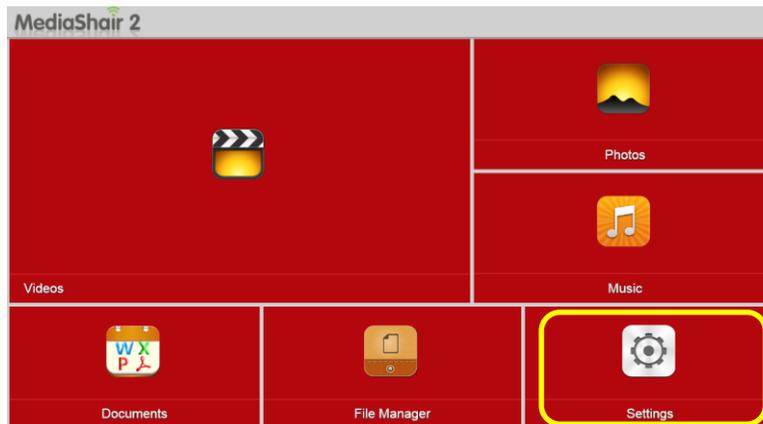


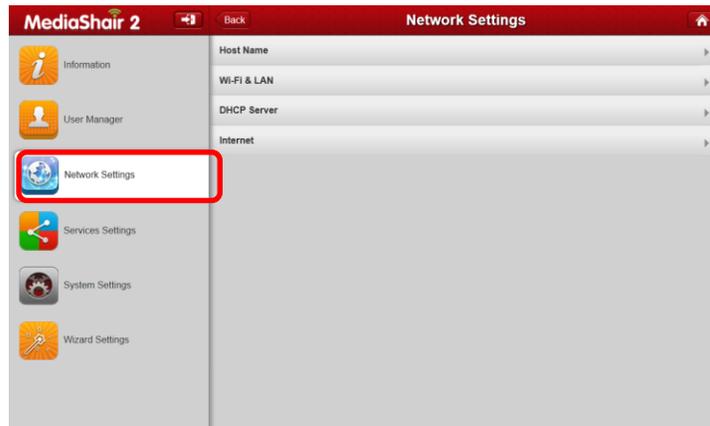
e. You can now access the internet by opening a browser window

Wired Internet Connection - Advanced Settings (PC/Laptop)

1. Network Settings:

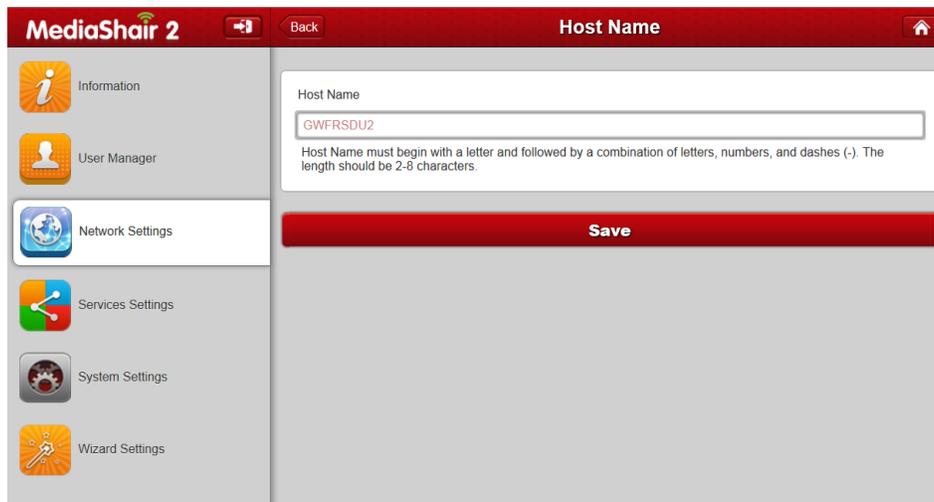
- a. Follow the instructions for setting up a Wired Internet Connection.
- b. On the MediaShair 2 Home page, click on Settings and then Network Settings. Select from the available options:





2. Host Name:

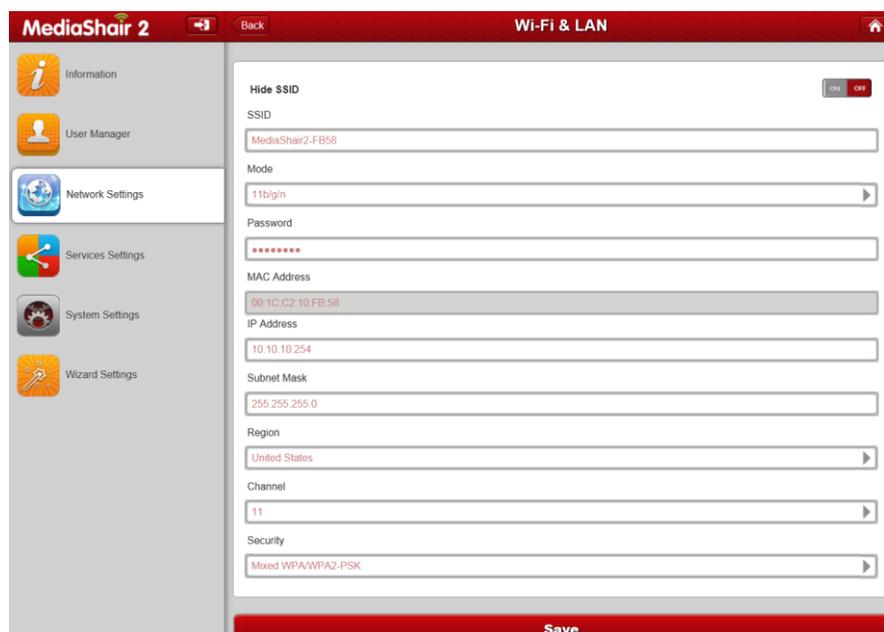
- Enter a Host Name between 2 and 8 characters. Must begin with a letter and be followed by a combination of letters, numbers, and/or dashes.



3. Wi-Fi & LAN:

- **SSID** – To change the name of the network created by the MediaShair 2 Hub, type in a name or combination of letters, numbers, and/or symbols.
- **Mode** – Select the wireless standard that best works with your device.
- **Password** – To change the default password (12345678), type in any combination of letters, numbers, and/or symbols. The new password must have a **minimum of 8 characters**. PLEASE NOTE: Password is Case Sensitive!
- **MAC Address** – This is the MAC address of your MediaShair 2 Hub.
- **IP Address** – This the IP Address assigned to your MediaShair 2 Hub.
- **Subnet Mask** – Shows the setting assigned to your MediaShair 2 Hub.
- **Region** – This is the region from which your MediaShair 2 Hub is connected.
- **Channel** – This the radio channel currently being used by the MediaShair 2 Hub to broadcast Wi-Fi. This can be changed if you are experiencing interference from other radio based devices. Switch to **AUTO** to let the MediaShair 2 Hub determine the best channel to broadcast from.

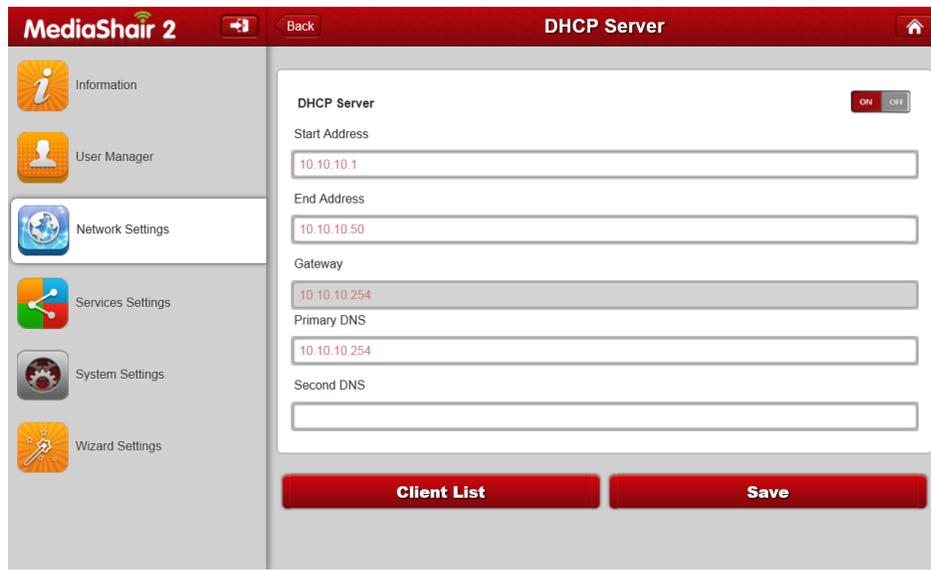
- **Security** – Sets the Wi-Fi security standard used by the MediaShair 2 Hub. Choose from the following:
 - None – No Wireless Security enabled. It is NOT RECOMMENDED to disable security on your MediaShair 2 Hub.
 - WPA-PSK – Select this to enable WPA security.
 - WPA2-PSK – Select this to enable WPA2 security.
 - Mixed WPA/WPA2-PSK – Select this to enable mixed WPA security. This enables older devices that do not support WPA2 security to work with newer devices that do support WPA2 security.
- The MediaShair 2 Hub will need to reboot to apply any changes made. Hit the Save button and reconnect to the MediaShair 2-XXXX network once it has finished.



4. DHCP Server:

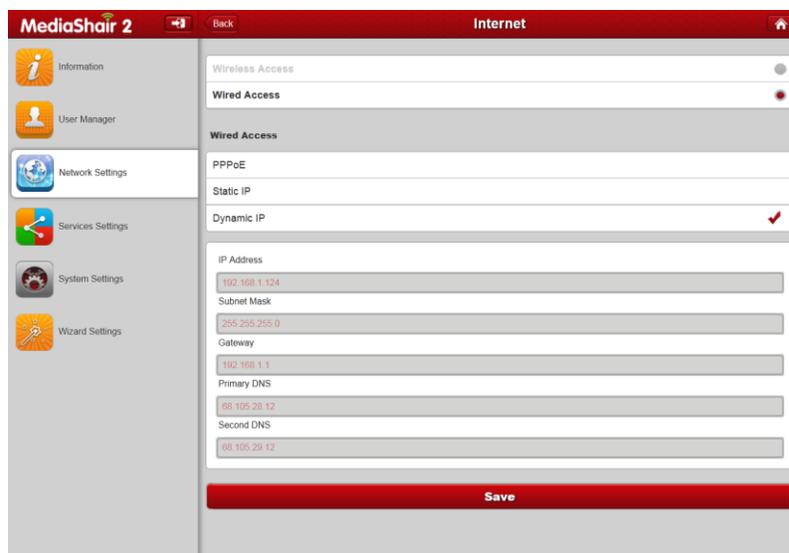
- **DHCP Server** – Enabling this feature allows the MediaShair 2 Hub to distribute independent IP Addresses for each wireless device that connects to its network. Disabling this feature causes the wireless devices to share a single IP Address.
- **Client List** – Click this to display all the devices, and the IP Addresses associated with them, currently connected to the MediaShair 2 Hub.
- If DHCP Server is ENABLED:
 - **Start Address** – This is the IP Address that will be assigned to the FIRST device that connects to the MediaShair 2 Hub network.
 - **End Address** – This is the IP Address that will be assigned to the LAST device that connects to the MediaShair 2 Hub network.
 - **Gateway** – This is the IP address provided by the router that the MediaShair 2 Hub is connected to.
 - **Primary DNS** – DNS address assigned by the network.

- **Second DNS** – Secondary DNS address provided by the network.



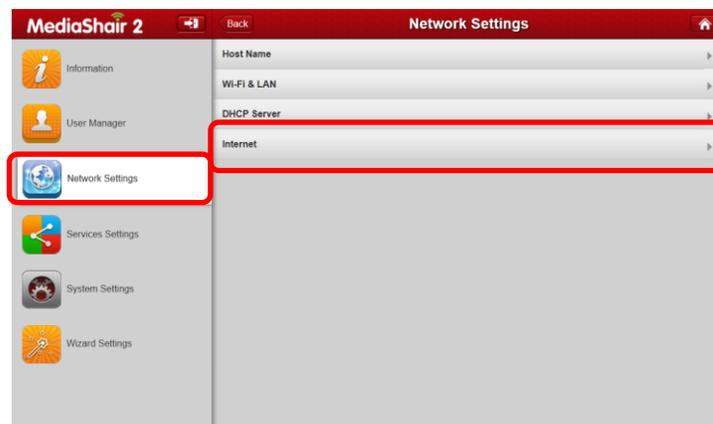
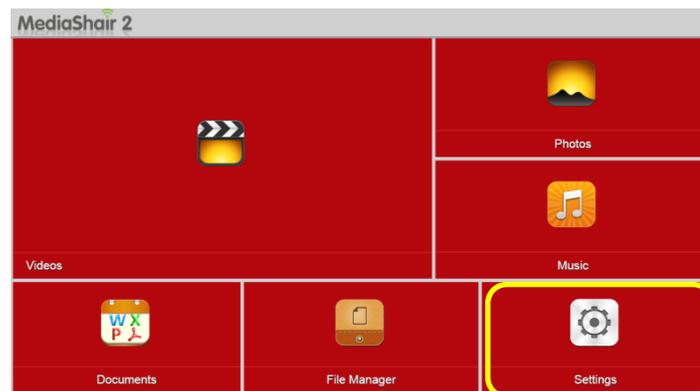
5. Internet:

- **Wired Access** – Select for wireless connection to an existing wireless network.
- **Wireless Access** – Select for hardwire connection to a router or modem.
- **Dynamic IP** – Selecting Dynamic IP will fill in all corresponding fields automatically by the network.
- **Static IP** – Selecting Static IP requires the settings fields to be filled in with information provided by your network administrator.
 - IP Address
 - Subnet Mask
 - Gateway
 - Primary DNS
 - Second DNS
- If any changes are made, click Save to update the MediaShair 2 Hub.



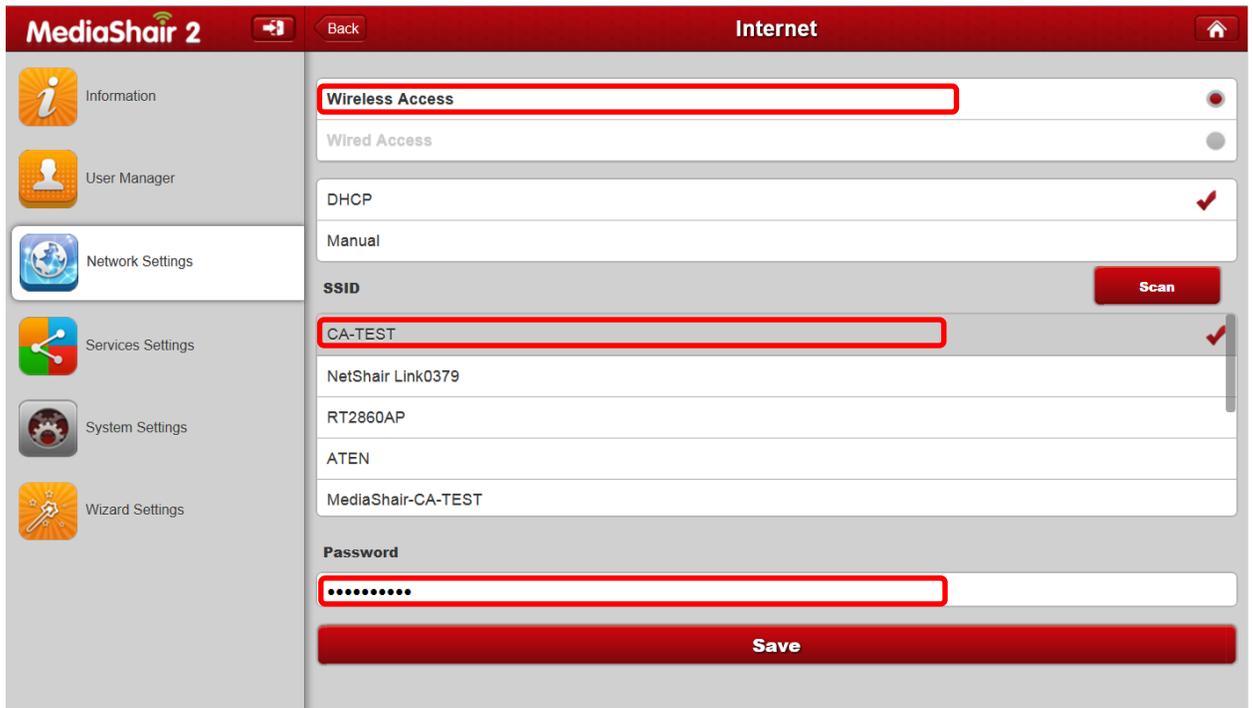
Wireless Internet Connection (PC/Laptop)

1. Wireless connection setup:
 - a. Press and hold the power button for 5 seconds to turn on the MediaShair 2 Hub.
 - b. Wait for the blue Wi-Fi indicator to turn on solid.
2. PC/Laptop Setup:
 - a. Make sure the PC is connected to the MediaShair 2-XXXX Wi-Fi network as shown under the section entitled: **MediaShair 2 Hub Setup (PC/Laptop)> Network Settings**.
 - b. Open an Internet browser window and enter **10.10.10.254** into the address bar.
 - Default Username: admin
 - Default Password: Blank (No Password)
 - c. From the home screen, click on Settings and then Network Settings. In the Network Settings menu, click on Internet.



- d. Make sure that Wireless Access is selected. Choose a wireless network from the SSID list. If the desired network is not available, click the Scan button to locate the network. After selecting a network, enter the pre-shared network key into the

Password box and click save. **Note:** For easier setup, the MediaShair 2 Hub wireless default configuration is set to DHCP.

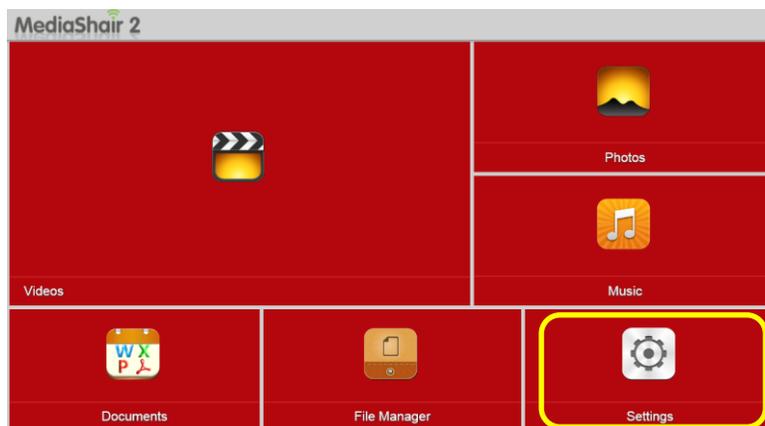


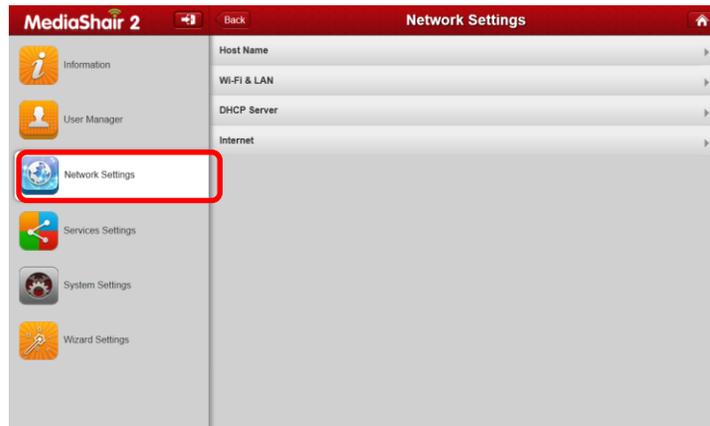
e. You can now access the internet by opening a browser window

Wireless Internet Connection - Advanced Settings (PC/Laptop)

1. Network Settings:

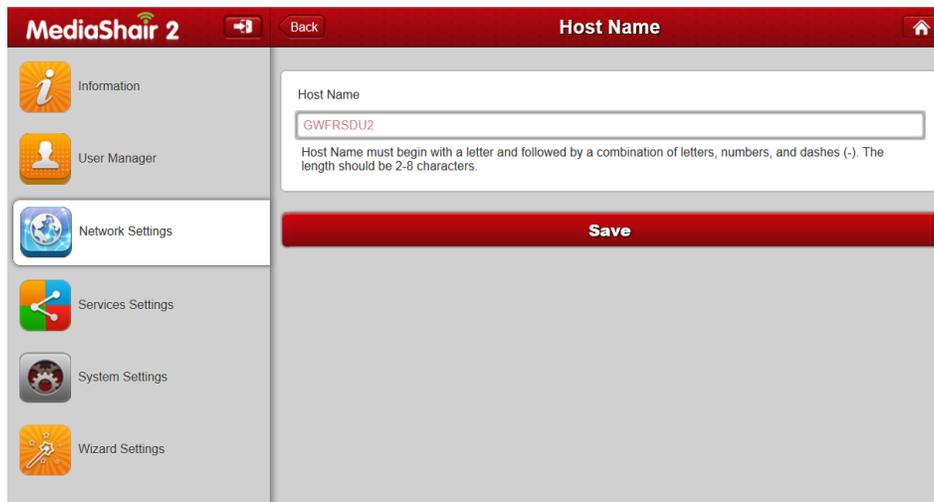
- a. Follow the instructions for setting up a Wireless Internet Connection.
- b. On the MediaShair 2 Home page, click on Settings and then Network Settings. Select from the available options:





2. Host Name:

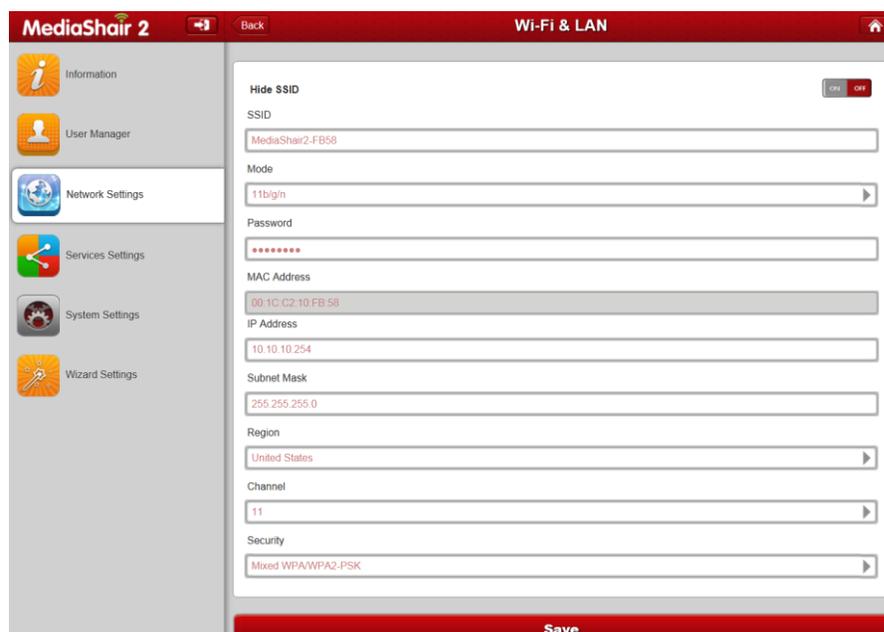
- Enter a Host Name between 2 and 8 characters. Must begin with a letter and be followed by a combination of letters, numbers, and/or dashes.



3. Wi-Fi & LAN:

- **SSID** – To change the name of the network created by the MediaShair 2 Hub, type in a name or combination of letters, numbers, and/or symbols.
- **Mode** – Select the wireless standard that best works with your device.
- **Password** – To change the default password (12345678), type in any combination of letters, numbers, and/or symbols. The new password must have a **minimum of 8 characters**. PLEASE NOTE: Password is Case Sensitive!
- **MAC Address** – This is the MAC address of your MediaShair 2 Hub.
- **IP Address** – This the IP Address assigned to your MediaShair 2 Hub.
- **Subnet Mask** – Shows the setting assigned to your MediaShair 2 Hub.
- **Region** – This is the region from which your MediaShair 2 Hub is connected.
- **Channel** – This the radio channel currently being used by the MediaShair 2 Hub to broadcast Wi-Fi. This can be changed if you are experiencing interference from other radio based devices. Switch to **AUTO** to let the MediaShair 2 Hub determine the best channel to broadcast from.

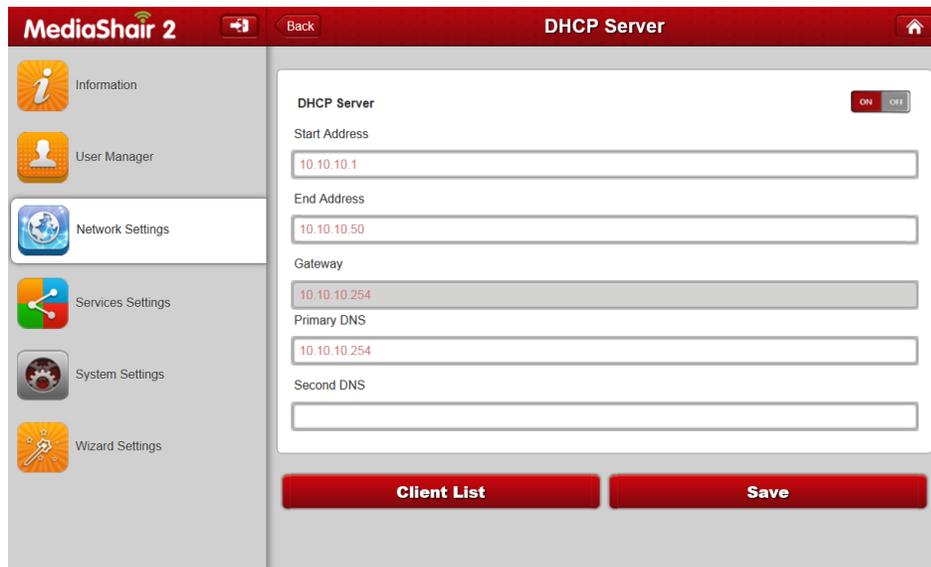
- **Security** – Sets the Wi-Fi security standard used by the MediaShair 2 Hub. Choose from the following:
 - None – No Wireless Security enabled. It is NOT RECOMMENDED to disable security on your MediaShair 2 Hub.
 - WPA-PSK – Select this to enable WPA security.
 - WPA2-PSK – Select this to enable WPA2 security.
 - Mixed WPA/WPA2-PSK – Select this to enable mixed WPA security. This enables older devices that do not support WPA2 security to work with newer devices that do support WPA2 security.
- The MediaShair 2 Hub will need to reboot to apply any changes made. Hit the Save button and reconnect to the MediaShair 2-XXXX network once it has finished.



4. DHCP Server:

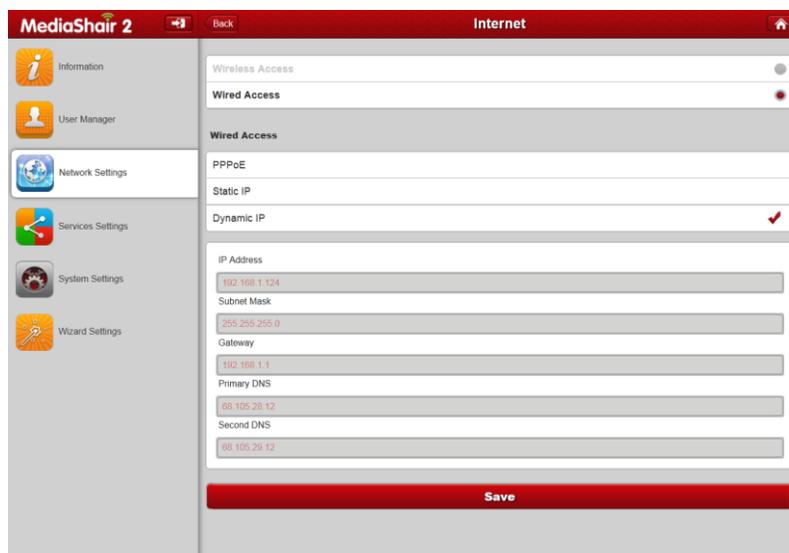
- **DHCP Server** – Enabling this feature allows the MediaShair 2 Hub to distribute independent IP Addresses for each wireless device that connects to its network. Disabling this feature causes the wireless devices to share a single IP Address.
- **Client List** – Click this to display all the devices, and the IP Addresses associated with them, currently connected to the MediaShair 2 Hub.
- If DHCP Server is ENABLED:
 - **Start Address** – This is the IP Address that will be assigned to the FIRST device that connects to the MediaShair 2 Hub network.
 - **End Address** – This is the IP Address that will be assigned to the LAST device that connects to the MediaShair 2 Hub network.
 - **Gateway** – This is the IP address provided by the router that the MediaShair 2 Hub is connected to.
 - **Primary DNS** – DNS address assigned by the network.

- **Second DNS** – Secondary DNS address provided by the network.



5. Internet:

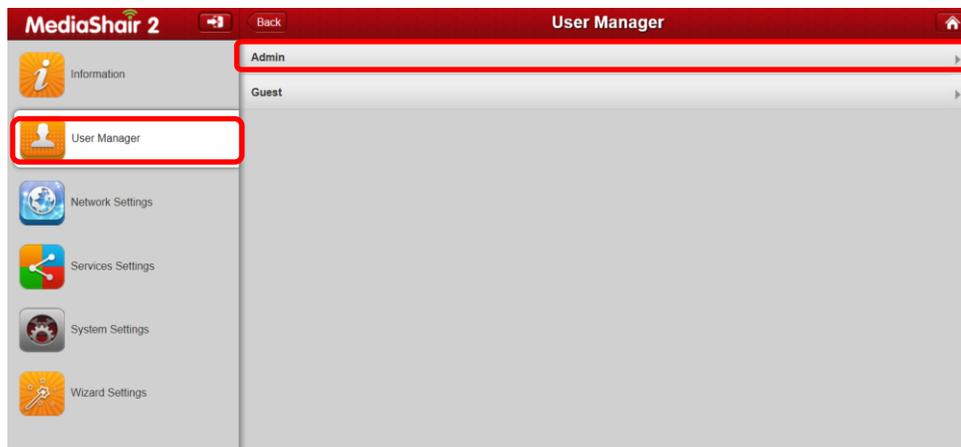
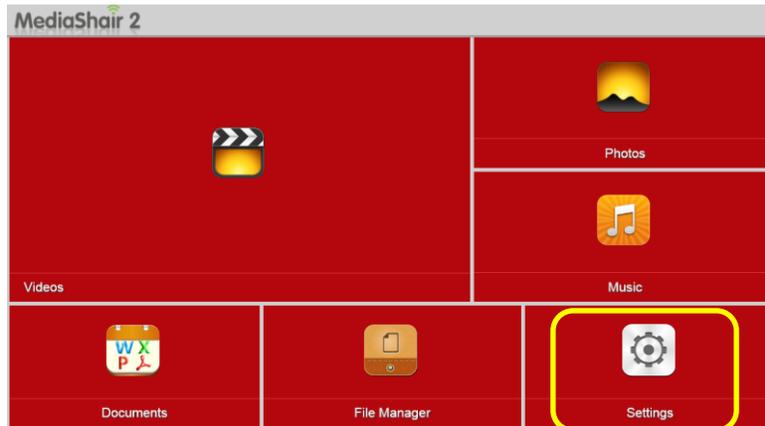
- **Wired Access** – Select for wireless connection to an existing wireless network.
- **Wireless Access** – Select for hardwire connection to a router or modem.
- **Dynamic IP** – Selecting Dynamic IP will fill in all corresponding fields automatically by the network.
- **Static IP** – Selecting Static IP requires the settings fields to be filled in with information provided by your network administrator.
 - IP Address
 - Subnet Mask
 - Gateway
 - Primary DNS
 - Second DNS
- If any changes are made, click **Save** to update the MediaShair 2 Hub.



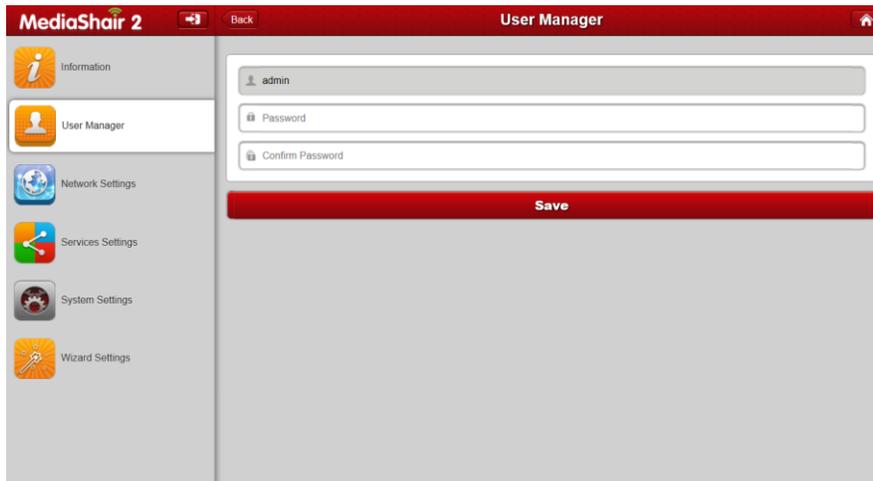
MediaShair 2 Hub System Settings (PC/Laptop)

1. User Manager:

- a. Make sure the MediaShair 2 Hub is powered up, the PC is connected to the MediaShair 2-XXXX network, and the browser is logged in to the Home Page as shown in the section entitled: MediaShair 2 Hub Setup (PC/Laptop).
- b. Click Settings from the home page and then select User Manager.



- c. Click Admin to update the password used to log into the MediaShair 2 Hub via a web browser. PLEASE NOTE: The new password MUST be a minimum of 5 characters and no longer than 32 characters.
- d. The default User Name is admin and cannot be changed.



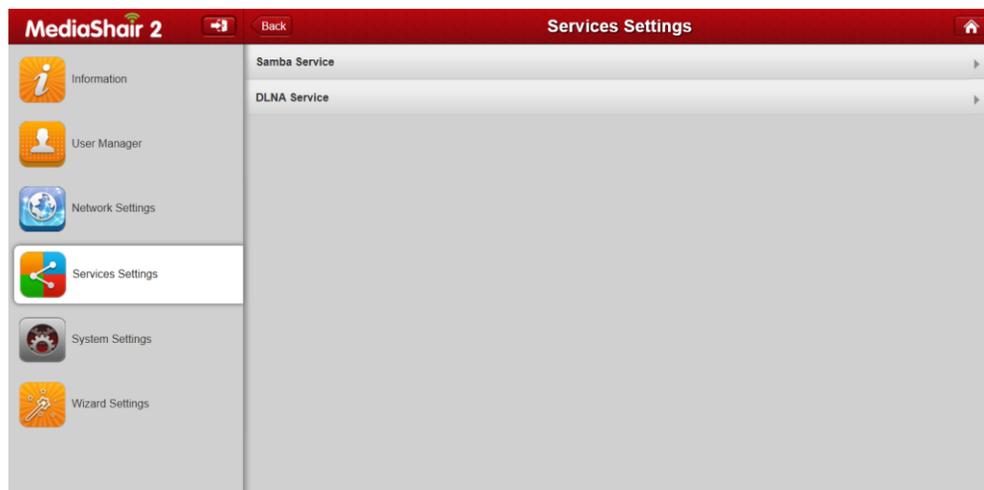
- e. The new password **MUST** be confirmed before proceeding. Type the newly selected password into the Confirm Password field and click Save.

2. Information

- f. Click on Information
- g. Information about the attached USB Drive and/or inserted SD Card is shown.

3. Services Settings:

- a. Click on Services Settings.



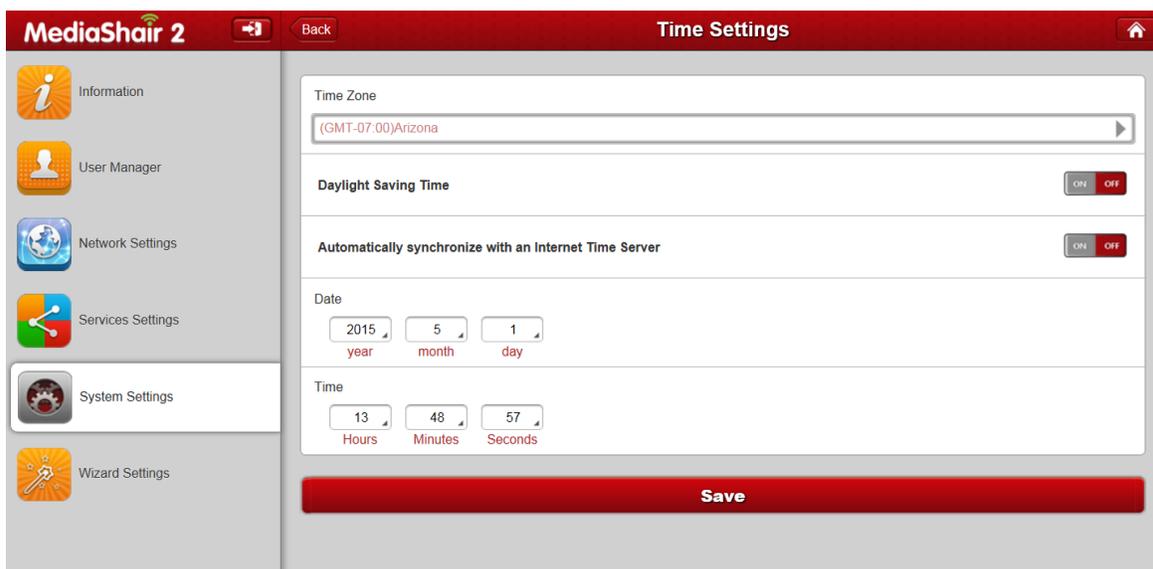
- b. Click Samba Service to enable or disable the service. Keep enabled if you wish to use the MediaShair 2 Hub with third party software applications or Windows® PCs.
- c. Click DLNA Service to enable or disable the service.

4. System Settings: Time Settings, Firmware Upgrade and Reset Settings

- a. Click System Settings



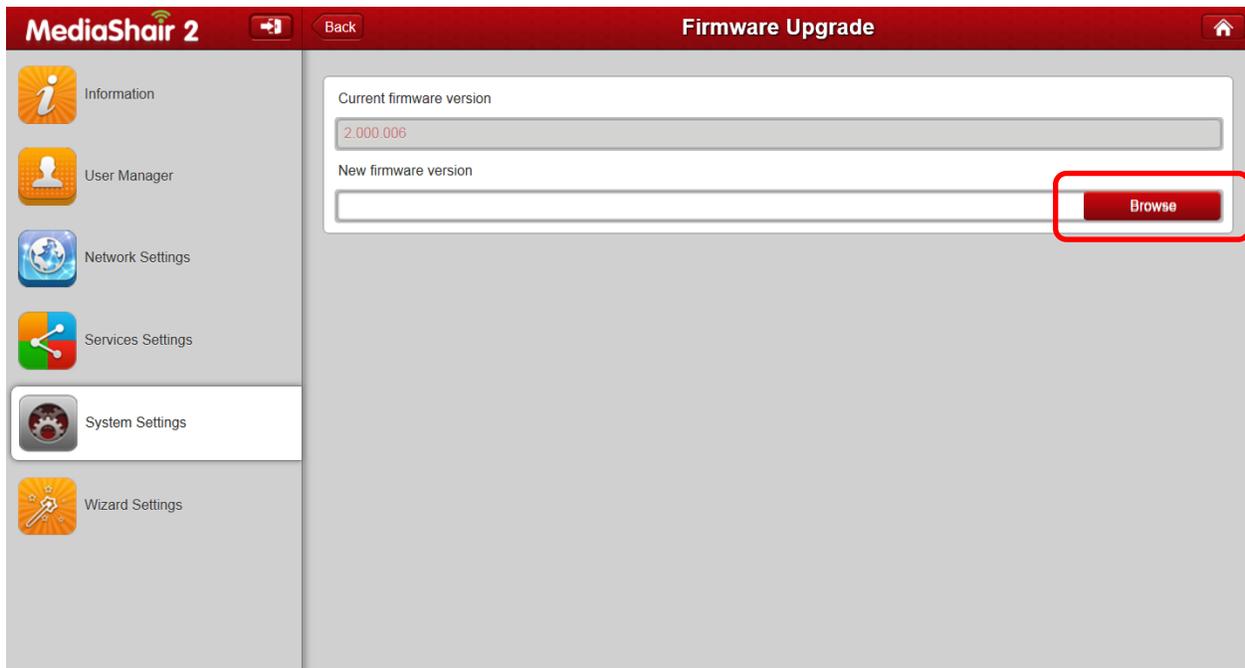
- i. Click Time Settings to change the System time settings as needed.



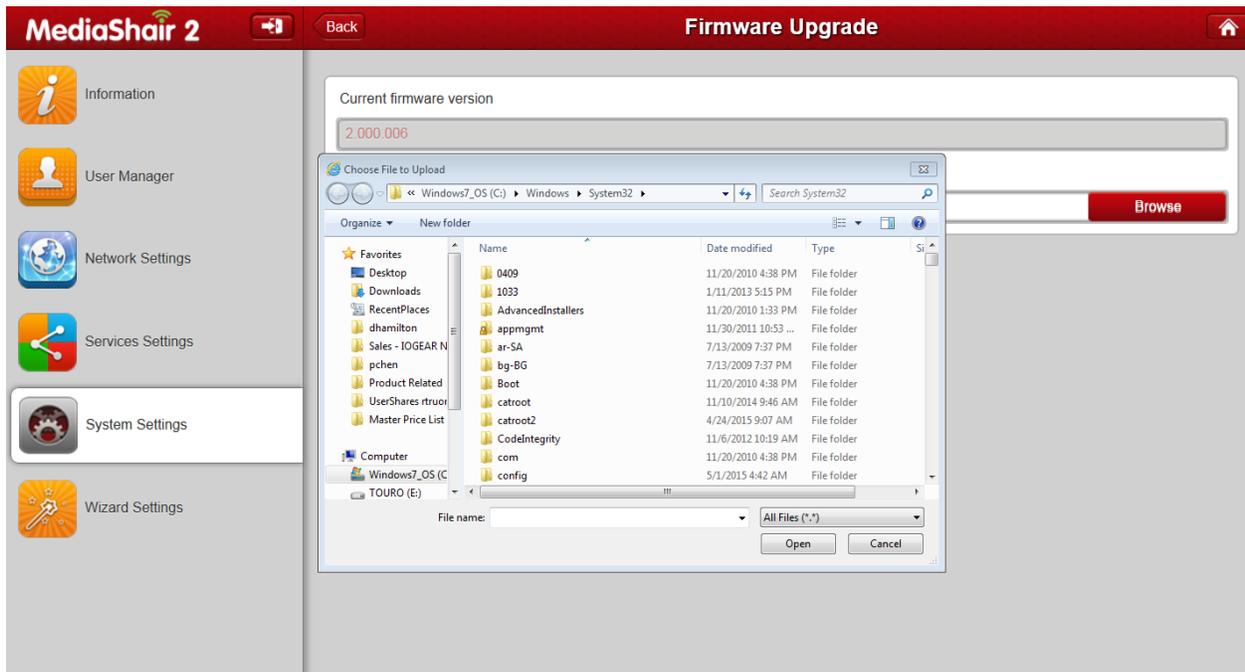
- Time Zone – Change the time zone to match the time zone where you live.
- Daylight Savings Time – Enable this when Daylight Savings is in use.
- Automatically synchronize with an Internet Time Server – Enable this feature to have the time synced with an internet time server..
- Date – Change the date to match the current date
- Time – The current time according to the MediaShair 2 Hub
- After any changes have been made, click the Save button to apply the changes made.

- b. Firmware Upgrade: Load updated MediaShair 2 firmware
 - i. To upgrade the firmware for the MediaShair 2 Hub:
 - ii. Download the latest firmware from www.iogear.com.

- iii. Click Firmware Upgrade and then select Browse next to the New Firmware Version field.

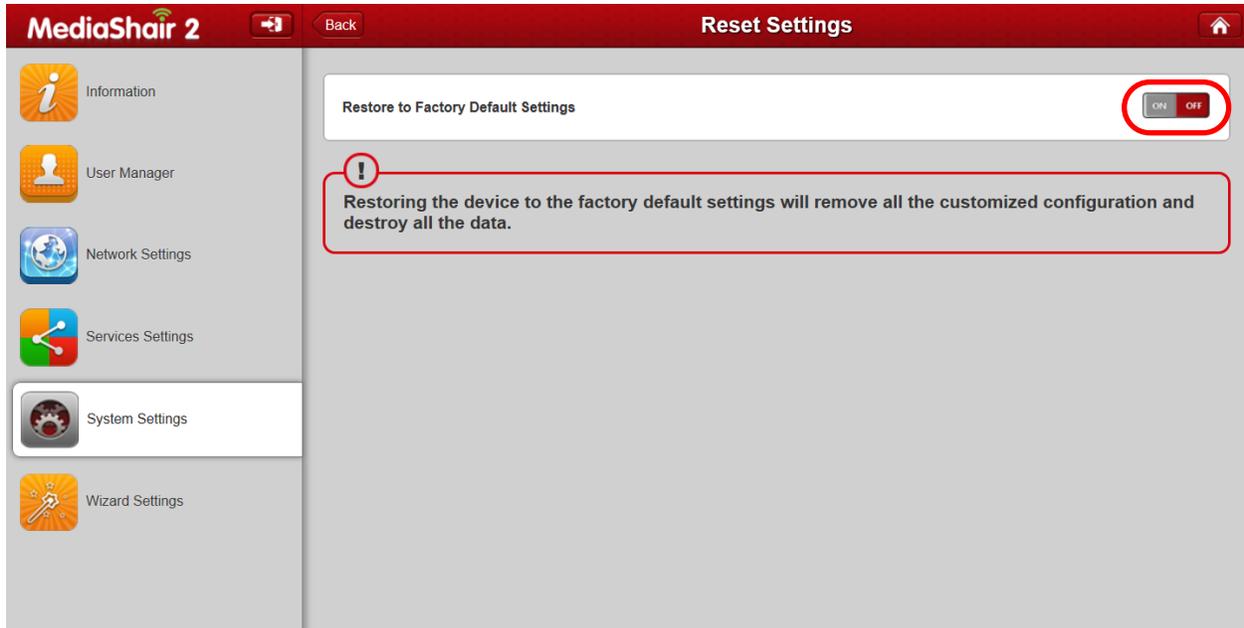


- iv. When the window opens locate the new firmware file, select it and click Open.



- Click Save to start the firmware upgrade process. The MediaShair 2 Hub will need 5 minutes to complete the process.
- Once finished you will be prompted to log in with the username and password.

- c. Reset Settings: Restore the MediaShair 2 Hub to factory default settings:
 - i. Remove any USB drive or SD card from the MediaShair 2 Hub. FAILURE TO DO SO MAY CAUSE DATA STORED ON THESE DRIVES TO BE LOST!!
 - ii. Click the ON option to restore factory settings, then click Save.



- iii. A warning message will ask if you want to continue, Click OK.
- iv. The MediaShair 2 Hub will need 3 minutes to complete the process.
- v. The MediaShair 2 Hub is reset to the original factory settings.

Federal Communications Commission (FCC) Statement

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 setting. This product generates, uses, and can radiate radio frequency energy and, if not installed and used as directed, it may cause harmful interference to radio communications. Although this product complies with the limits for a Class B digital device, there is no guarantee that interference will not occur in a particular installation.

CE Compliance

This device has been tested and found to comply with the following European Union directives: Electromagnetic Capability (2004/108/EC), Low Voltage (2006/95/EC) and R&TTED (1999/5/

Need assistance setting up this product?

We're here to help you!

Make sure you:

1. Visit www.iogear.com for more product information
2. Visit www.iogear.com/support for live help and product support

Limited Warranty

This product carries a 1 Year Limited Warranty. For the terms and conditions of this warranty, please go to <http://www.iogear.com/support/warranty>

Register online at <http://www.iogear.com/register>

Important Product Information

Product Model _____

Serial Number _____

Contact

IOGEAR

19641 Da Vinci, Foothill Ranch, CA92610

www.iogear.com

support@iogear.com

