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**WARRANTY:** The manufacturer warrants your product against any defect in material and workmanship, under normal use, for a period of 1 year from date of purchase. In the event this product is found to be defective within the warranty period, the manufacturer will, at its option, repair or replace components of the product tested as defective from regular usage.

This warranty is void if:

1. The device is operated or stored under abnormal use and conditions
2. The unit is repaired, modified, or altered without written authorization from the manufacturer.
3. The unit is subject to abuse, neglect, accident, electrical fault, improper packaging, or act of god including but not limited to lighting strikes.
4. The unit is installed improperly.
5. The serial number is defaced or missing.

For product repair services, please contact your local dealer or retail outlet where you purchased the product (a valid receipt may be required). The manufacturer does not accept returns directly from home/end users.

**DISCLAIMER:** In all circumstances the manufacturer's maximum liability is limited to the purchase price of the products sold. The manufacturer shall not, under any circumstances, be liable upon a claim or action in contract, tort, indemnity or contribution, or other claims relating to the products it sells which exceeds this liability limit. The manufacturer shall not be liable for third party claims for damages against the purchaser, or for malfunction, delays, interruption of service, loss of business, loss or damage to exemplary damages, whether or not the manufacturer is advised of the possibility of such claims or damages.

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## FCC Regulation

1. This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

### Package Content List

		
MediaWalker 938 Box * 1	3.5mm male to RCA male Audio Cable * 1	3.5mm male to RCA Female Audio Cable * 1
		
USB to micro USB Power Cable * 1	User Guide * 1	

Above Picture for reference only, actual looking based on real product

## I/O Description

**LR938 X-WT**



**LR938 P-BK**



**LR938A-BK**



**LR938D-WT**



## LED Status

<b>Media Walker 938 Extra, Pro, Advance, Deluxe</b>		
	<b>Red</b>	<b>WiFi Connected</b>
	<b>Green</b>	<b>Mic Recording / Internet Radio</b>
	<b>Blue</b>	<b>Ethernet Connected</b>
	<b>Red</b>	<b>Power / Battery is Charging</b>
	<b>Green</b>	<b>Battery Charge Done</b>
	<b>Blue</b>	<b>Wait / flash Echo</b>

	When (WiFi) Red + (ETH) Blue = purple and flashing, means Ethernet and WiFi is working When (REC) Green turned on means MediaWalker 938 is either recording from the Mic or playing the Internet radio.
	When (CHRG) Red turned on means either the Battery is under charging or power is good. When (DONE) Green turned on means the Battery has been fully charged. When (ECHO) Blue turn on during the boot time, it means to wait for system to get ready. It will turn off once the system boot up and get ready. When (ECHO) Blue is flashing means the echo of receiving the network socket command..

## Product Specification

	938X	938P	938A	938D
Model Name : LR938	Media Walker 938 Extra	Media Walker 938 Pro	Media Walker 938 Advance	Media Walker 938 Deluxe
10/100M Ethernet RJ45 plug*1	●	●	●	●
Toslink SPDIF Out Audio port*1 up to 192K	●	●	●	●
3.5 mm stereo audio jack*1	●	●	●	●
MicroUSB power jack*1	●	●	●	●
Wi-Fi - IEEE 802.11 b/g/n	●	●	●	●
Embedded Antenna (2.4GHz) <b>1*2</b>	●	●	●	●
Supported Audio formats:.aac,.ogg,.mp3,.flac,.alac,.ape,.wma,.wav,.au,.aif,.aiff,.m3u,.m4a,.asf,.mms. Mp3 up to 320Kbits	●	●	●	●
Internet radio	●	●	●	●
UPnP / DLNA (DMR) / AirPlay	●	●	●	●
DLNA (DMS)	●	●	●	●
Http & FTP Server function	●	●	●	●
Micro SD slot*1				
Support SD 2.0, HS-SD, HC-SD(SDHC)		●	●	●
Control Button			●	●
support Rec/Stop, Play/Stop, Vol+/Forward, Vol-/Backward, Power sw.				
Micro phone (Recording / Playback function)			●	●
Internal Hi-Fi Stereo Speaker			●	●
Embedded rechargeable Li-polymer battery Capacity: <b>3.7V 1500 mAh</b>				
Weight:	40g	40g	40g	70g
Dimension:	L: 88mm W: 55mm H: 13.5/14.5mm			

## Product Connecting

### ① Plug in the Power:

Use micro USB power cable to connect the +5V/1A adapter to MediaWalker 938 and turn the power switch to power on.

### ② Connect to Speaker and/or Amplify:

Use either 3.5mm stereo audio cable or SPDIF fiber optical cable to connect the MediaWalker 938 with Speakers and/or Amplify.

### ③ Connect the up-link network:

You can use either wired Ethernet cable or Wireless WiFi to connect the up-link network (WAN).

Default status to connect up-link (WAN) using the wired Ethernet port.

User can change the configuration of setup to use wireless WiFi to connect up-link (WAN).

\*\*Note: The Ethernet port change to service as LAN when set WiFi to up-link (WAN).

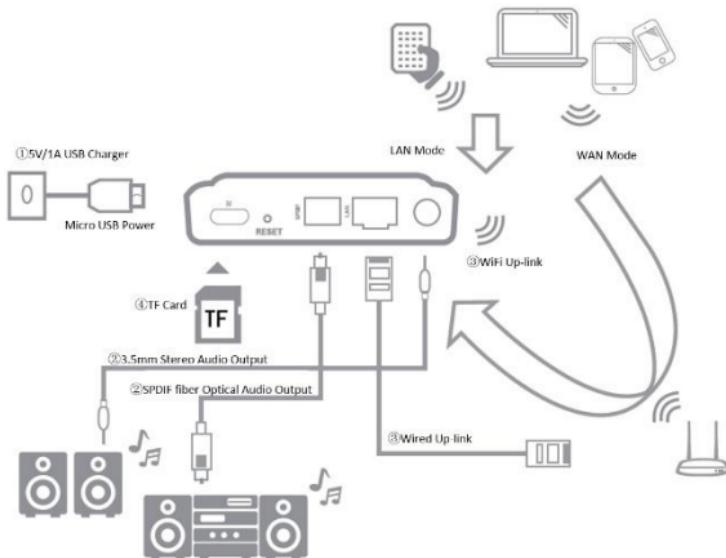
④ Storage:

Insert the TF card will perform the storage of MediaWalker 938. It will be able to play music from the storage and share the content through the FTP Server service (except Extra model).

\*\* Play mode notice:

LAN mode: mobile phone connect to MediaWalker 938 by WiFi directly as a client in the LAN.

WAN mode: mobile phone connect to MediaWalker 938 from WAN side through upper level host router as a client of host.



## User Instruction



The MediaWalker 938 supports AirPlay, UPnP, and DLNA (DMS +DMR), (Extra model for DMR only). It is as easy as just connect to your playing device with the WiFi of the MediaWalker 938 and start to play.



Following is the picture of the play back from AirPlay, UPnP, and DLNA (DMS+DMR).



## M<sup>3</sup> Play

MediaWalker 938 supports Multi-Cubic Play for flexible control and lots of fun to play your music.

You can play with multiple resource (different sound) to multiple device (different MediaWalker 938) with multiple controller (different mobile phone) at same time.

The multiple resource can come from anyone of your mobile phone, MediaWalker 938 DMS, and any other media server.

The multiple device can be any one of your mobile phone, MediaWalker 938 DMR, and any other media render.

Multiple controller can be any one of your android phone, iPhone, iPad, Windows, and Mac.

MediaWalker 938 will have no problem and smooth switched between above any controller.

Thanks to Multi-Cubic Play, your family no need to use the MediaWalker 938 by always either search for the same remote controller or find the same phone to active the device. Every one of your family can use his/her own phone to control the MediaWalker 938 to get HiFi music.



## Play Music

1. Power on and get MediaWalker 938 ready to work.

Connect the Power with MediaWalker 938 and switch to power up.

Wait on both “PWR R” and “ECHO B” LEDs turn on and light out purple color to indicate the system is booting up to work. The MediaWalker 938 system will get ready when “ECHO B” turns off.

2. Turn on your playing device such as iPhone, iPad, Windows, Mac, and/or Android phone.

Turn on the WiFi setting of your playing device and search the AP with SSID name as “mw938X\_XXXXXX”.

Choose to connect the AP with such SSID by key in default password as “12345678”.

It will show the AP connected if connection successful.

If neither can't find the SSID of the MediaWalker948 nor can't match the password to connect, please press more than 5 second on the “RESET” button to re-start the MediaWalker 938 on default setting.

Default setting:

IP:	192.168.192.1
Password:	12345678
DHCP range:	192.168.192.100 ~192.168.192.109
RF Channel:	2.4GHz CH1, Auto CH Select “On”
Up link to WAN:	Ethernet port (RJ45)



Down link to LAN: Ath0 port (WiFi)  
DLNA DMR: LAN mode  
Management ID: admin  
Management Pass: admin

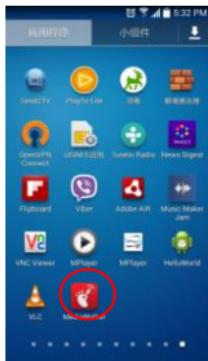
3. Playing the music wirelessly
  - a. Use iPhone and iPad to play:  
Start the music player of iPhone and iPad and slide the touch screen from bottom of the screen to activate the  Airplay.  
Choose the mw938X\_XXXX device to start the WiFi Airplay music.
  - b. Use MS Windows and Mac OS to play:  
Please install “iTunes” on your computer before start to play.  


Start the iTunes application and click on the middle of top command bar to activate the  Airplay.  
Choose the mw938X\_XXXX device to start the WiFi Airplay music.
  - c. Use Android Pad and Mobile Phone to play:  
You can use any APK supports UPnP/DLNA that downloaded from Google Play APK market. There is a lot of APKs on the market supporting UPnP/DLNA

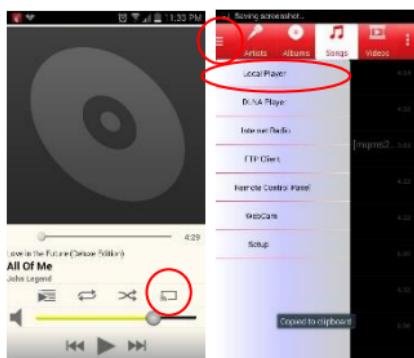
such as Media House, iMedia Share, UPnP Monkey, BubbleUPnP, AllCast, and MirageDLNA...etc.

Almost all APKs who named it supports UPnP/DLNA can be used to play music to the MediaWalker 938.

- d. Use MediaWalker APP to play:
  - Download the MediaWalker APK from <http://www.itrinetech.com/download/app/MediaWalker.apk> and install on your Android machine.
  - You can download the APK by using the QR code and install the APK too.
  - Start up the MediaWalker APP after installation.

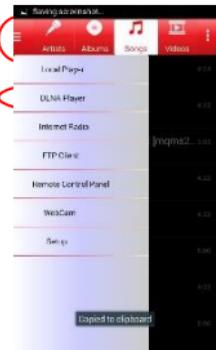


- (1) Local Player
  - Click the slide command tag at the most upper left corner and choose the Local Player to list down the music



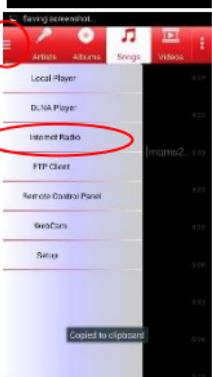
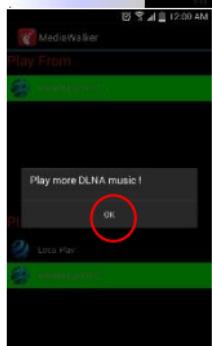
contents in your Android machine.

- Click on the music you want to play to start the Play Control menu.
- The most right Play-out Control button will control the music to play either on local machine or WiFi to MediaWalker 938.



## (2) DLNA Player

- Click the slide command tag at the most upper left corner and choose the DLNA Player to list down the DMS and DMR device in your network.
- Click the DMS which you want to play from and the DMR which you want to play to.
- Click on the ok to start to choose the music from the list on the DMS.
- Click on the chosen music to start the DLNA play.



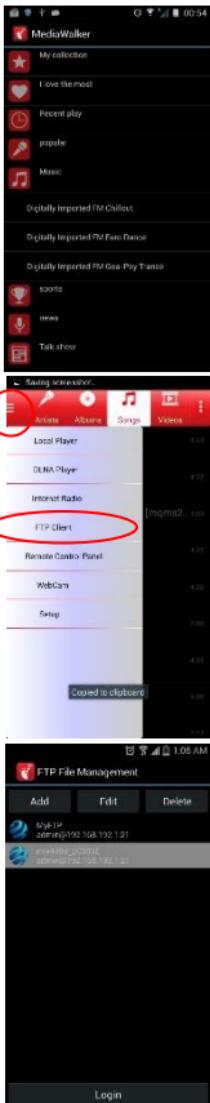
## (3) Internet Radio

- Click the slide command tag at the most upper left

- corner and choose the Internet Radio to list down the available Radio station.
- There are couple different category to group many radio stations. Click on the radio station you like will start the radio playing.
- You must have your MediaWalker 938 connect to the Internet through WAN connection either by Ethernet or by WiFi. Without the Internet connection, MediaWalker 938 is impossible to receive the Network Radio from Internet.

#### (4) FTP Client

- Click the slide command tag at the most upper left corner and choose the FTP Client to start the FTP service.
- Your mobile phone need to connect with the WiFi of MediaWalker 938 to be able to access the FTP server on it.
- You will find the FTP site with the same name as the WiFi SSID name.
- Choose the Site name and click on the login to start the FTP service

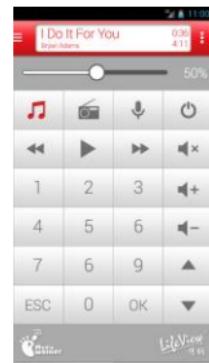


- You can upload files from local side to Remote side. You can download files from remote side to local side too. There is a list of extra commands by long press the file item which has been chosen.



(5) Remote Control Panel

- Use Remote Control Panel in MediaWalker APP to control MediaWalker 938.
- By click on the slice command list you can see the item of Remote Control Panel can be chosen.
- Use the remote Control Panel in the MediaWalker APP to control the MediaWalker 938 will similar as using the real IR R/C.
- It will perform following function to control MediaWalker 938.



	Power off		Recording/Playback
	Internet Radio on/off		Play USB/SD card Music
	Mute/Un-Mute		Forward
	Play/Stop		Backward

(6) Web Cam  
(special ODM version only)

- The MediaWalker 938 supports the web cam function.



- The USB camera need to support the UVC (USB Video Command) protocol. You can just plug in the USB camera to start the real time MJPEG HLS server automatically.
- Once you has plug in the USB camera (UVC supported), you can click on the slide command list and choose the Web Cam to view the web cam video stream.
- The web browser on you mobile phone need to support the MJPEG decoder to be able to view the video.
- To use either the original google browser come with your android phone or the Google Chrome web browser is suggested.

#### (7) Setup

- Click on slide command tag at the most upper left corner and choose the Setup to be able to start the configuration setup of the MediaWalker 948.
- Choose WiFi to login to the configuration setup of MediaWalker 938.

The default login Name : admin



- The default login Password: admin

Account Section

You can see the WiFi configuration page after successful login. Click on the Show Password, you can see the default login name and password in the Account section.

It is necessary to set the DLNA Mode Setting for work with the DLNA controller (DMC) to be able to be found.

If the controller is connect with MediaWalker 938 by WiFi directly, you need to choose “LAN” mode.

If your controller connect the MediaWalker 938 through a router/AP, which means both the mobile phone (Controller) and MediaWalker 938 connect on the same router/AP, you need to choose the “WAN” mode.
- WiFi Configuration Section

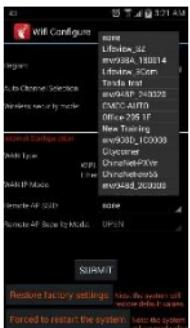
The Default IP of MediaWalker 938 is 192.168.192.1

You can find the default SSID mw938X\_XXXXXX and WPA password in the WiFi Configuration section. The default WiFi WPA password is “12345678”

The default region of WiFi channel is China and the Auto Channel Selection is enabled. All of these parameters can




- be changed.
- Internet Configuration Section  
Default WAN Type setting using Ethernet to connect Internet and using DHCP to get WAN IP.  
If you are using the Ethernet to connect the Modem (ADSL) directly, you should change to use PPPoE to dial out.  
You will need the PPPoE Username and PPPoE Password from your ISP provider.  
MediaWalker 938 supports using WiFi as WAN Type.  
It means you can click on the WiFi to setup MediaWalker 938 to connect Internet through upper level router/AP by WiFi connection.  
Once you choose to work in this mode, you will need to choose the Remote AP SSID to tell MediaWalker which router/AP you will connect.  
By click on the search tab of the Remote AP SSID, it will list out all the available router/AP for your choose.  
Pick up the SSID you want MediaWalker 938 to connect with and key in the password of the remote Router/AP to allow MediaWalker to login.



- Submit  
Any changes you have made need to be submit to keep the change. The changed parameter will not effected without submit process.
- Restore factory setting  
It will set all of the changes back to factory default which same as described on page 8.
- Force to restart the system  
It will force the MediaWalker 938 to reboot.
- Choose About to view the Firmware version of the MediaWalker 938 with the listed SSID and the APP version on the mobile.  
By double touch on the screen for more than 5 second, you can manually start the firmware update process.  
Click on the Version Update will start the firmware update process. The MediaWalker 938 must connect the Internet to be able to update the firmware from the web site service.
- The firmware process will support both Beta version (overnight build weekly) and Stable version (stable build monthly).  
You can always get the most up to date new function and bug fix from the Beta version.

