



Media Walker Extra 948
Media Walker Pro 948
Media Walker Advance 948
Media Walker Deluxe 948
User Guide



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Ver. 1.0.0

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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.

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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:

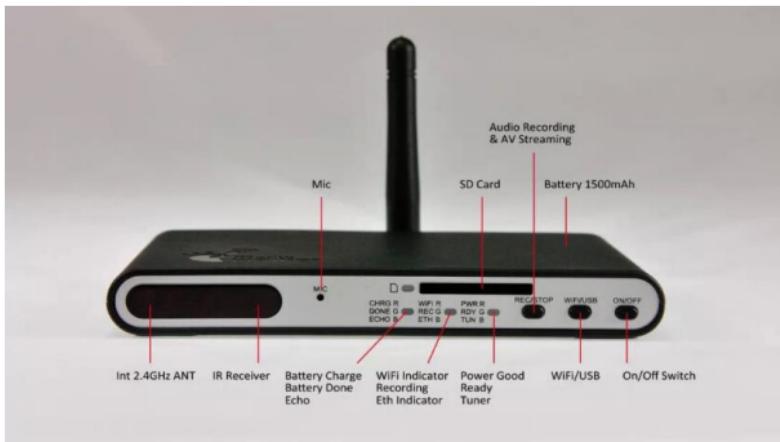
- - Reorient or relocate the receiving antenna.
- - Increase the separation between the equipment and receiver.
- - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- - Consult the dealer or an experienced radio/TV technician for help.

Package Content List

		
MediaWalker 948 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	Remote Controller * 1 (Advance & Deluxe only)	User Guide * 1

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

I/O Description



Front Panel & LED Status

Media Walker 948 Deluxe



	On/off	System on / System off
	WiFi/USB	WiFi access or USB access (as card reader)
	Rec/Stop	Voice Recoding and Stop
PWR R RDY G TUN B	Red	Power is ready
	Green	System is ready
	Blue	Internet radio
WiFi R REC G ETH B	Red	WIFI Connected
	Green	Recode Voice/Video
	Blue	Ethernet Connected
CHRG R DONE G ECHO B	Red	Battery Charge
	Green	Battery Done
	Blue	Remote control access

Media Walker 948 Advance



	On/off	System on / System off
	WiFi/USB	WiFi access or USB access (as card reader)
	Rec/Stop	Voice Recoding and Stop
PWR R RDY G TUN B	Red	Power is ready
	Green	System is ready
	Blue	Internet radio
WIFI R REC G ETH B	Red	WiFi Connected
	Green	Voice/Video
	Blue	Ethernet Connected
ECHO B	N/A	N/A
	N/A	N/A
	Blue	Remote control access

Media Walker 948 PRO



PWR R RDY G TUN B	Red	Power is ready
	Green	System is ready
	Blue	Internet radio
WiFi R ECHO G ETH B	Red	WiFi Connected
	Green	Remote control access (MediaWalker app)
	Blue	Ethernet Connected

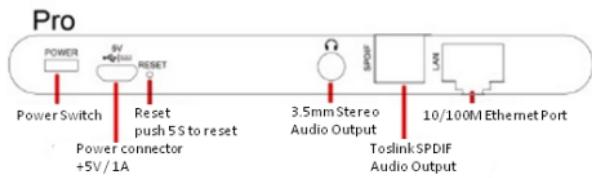
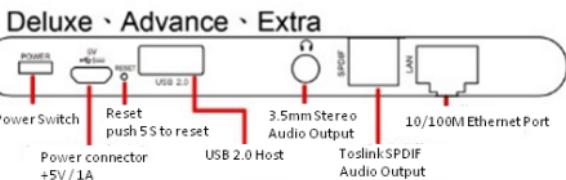
Media Walker 948 Extra



	Red	Power is ready
	Green	System is ready
	Blue	Internet radio
	Red	WiFi Connected
	Green	Remote control access (MediaWalker app)
	Blue	Ethernet Connected

	When (PWR) Red + (RDY) Green = Orange, means the Media Walker Music Box is Ready to work. When (TUN) Blue turned on means MediaWalker 948 is working on connecting Internet Radio.
	When (WiFi) Red + (ETH) Blue = purple and flashing, means Ethernet and WiFi is working When (REC) Green turned on means MediaWalker 948 is recording from the Mic.
	When (CHRG) Red turned on means the Battery is under charging. When (DONE) Green turned on means the Battery has been fully charged. When (ECHO) Blue is flashing means the echo of receiving the remote command..

Rear Panel



Product Specification

	948 I/E	948P I/E	948A I/E	948D I/E
Model Name : LR948	Media Walker 948 Extra I/E	Media Walker 948 Pro I/E	Media Walker 948 Advance I/E	Media Walker 948 Deluxe I/E
10/100M Ethernet RJ45 plug*1	●	●	●	●
Toslink SPDIF Out	●	●	●	●
3.5 mm stereo audio Jack*1	●	●	●	●
MicroUSB client / power Jack*1	●	●	●	●
Wi-Fi : IEEE 802.11 b/g/n	●	●	●	●
Embedded Antenna (2.4GHz) *1 ²	●	●	●	●
External Antenna (2.4GHz / 3dB)	NA/●	NA/●	NA/●	NA/●
Supported Audio formats: up to 192KHz audio bit rate .aac,.ogg,.mp3,.flac,.alac,.wma,.wav,.au,.aif,.aiff, .m3u,.m4a,.asf,.mms. Mp3 up to 320Kbits	●	●	●	●
Internet radio	●	●	●	●
Http & FTP Server function	●	●	●	●
UPnP / DLNA (DMR + DMS) / AirPlay	●	●	●	●
Control Button: Support: Reset, Power sw.	●	●	●	●
USB 2.0 Host*1	●	●	●	●
SD slot*1 Support SD 2.0, HS-SD, HC-SD[SDHC]	●	●	●	●
Control Button Support On/Off, WiFi/USB, Rec/Stop	●	●	●	●
Micro phone (Recording / Playback function)			●	●
Remote control			●	●
Embedded rechargeable Polymer Lithium battery				●
Capacity: 3.7V 1500 mAh				
Weight:	75g	75g	75g	105g
Dimension:	L: 120mm W: 65 / 83mm	L: 120mm W: 65 / 83mm	L: 120mm W: 65 / 83mm	L: 120mm W: 65 / 83mm

Product Connecting

① Plug in the Power:

Use micro USB power cable to connect the +5V/1A adapter to MediaWalker 948 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 948 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).

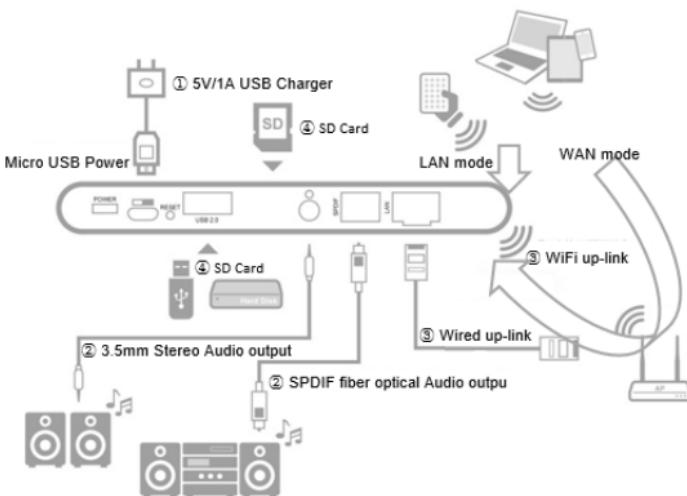
④ Storage:

Insert the SD card and/or the USB disk will perform the storage of MediaWalker. It will be able to play music from the storage and share the content through the FTP Server service.

** Play mode notice:

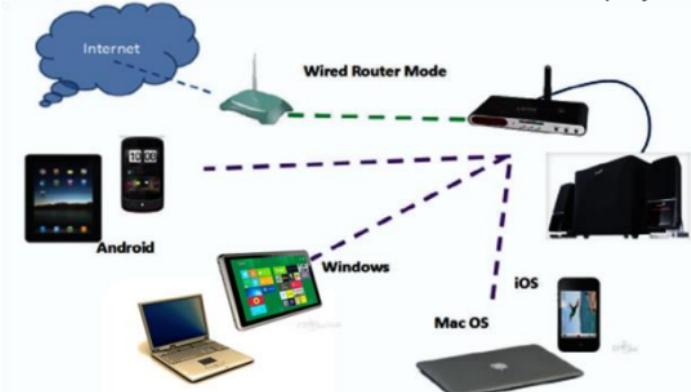
LAN mode: mobile phone connect to MediaWalker 948 by WiFi directly as a client in the LAN.

WAN mode: mobile phone connect to MediaWalker 948 from WAN side through upper level host router as a client of host.





The MediaWalker 948 supports AirPlay, UPnP, and DLNA (DMS +DMR). It is as easy as just connect your playing device with the WiFi of the MediaWalker 948 and start to play.



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



M³ Play

MediaWalker 948 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 948) with multiple controller (different mobile phone) at same time.

The multiple resource can come from anyone of your mobile phone, MediaWalker 948 DMS, and any other media server.

The multiple device can be any one of your mobile phone, MediaWalker 948 DMR, and any other media render.

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

MediaWalker 948 will have no problem and smooth switched between above any controller.

Thanks to Multi-Cubic Play, your family no need to use the MediaWalker 948 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 948 to get HiFi music.



Play Music

1. Power on and get Mediawalker 948 ready to work.

Connect the Power with MediaWaler 948 and switch to power up.

Wait till both “PWR R” and “RDY G” LEDs turn on and light out orange color to indicate the system is ready to work.

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 “mw948X_XXXXXX”.

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

It will show s 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 MediaWalker948 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 mw948X_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 mw948X_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 948.

d. Use Remote Controller to play (Deluxe and Advance only)

You can use the IR remote controller to control the MediaWalker 948.

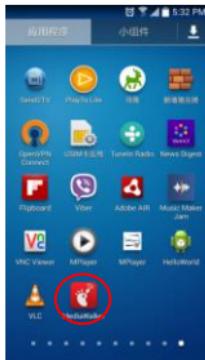
No need to use extra playback device, you can use the R/C to activate the function described as following:



	Power on/off		Recording/Playback
	Internet Radio on/off		Play USB/SD card music
	Mute/Un-Mute		Forward/Add channel
	Play/Pause/Stop		Backward/Delete channel

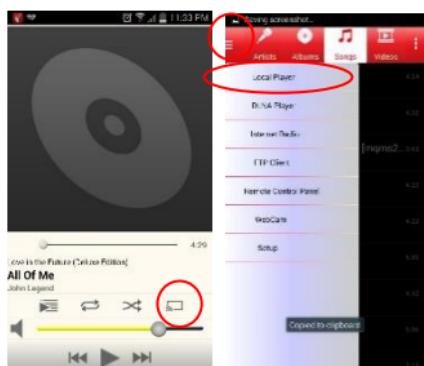
e. Use MediaWalker APP to play:

- 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.



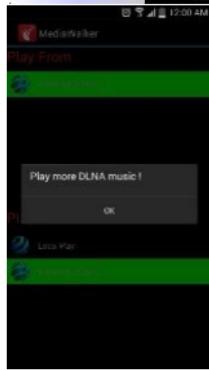
(1) Local Player

- 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 948.



(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

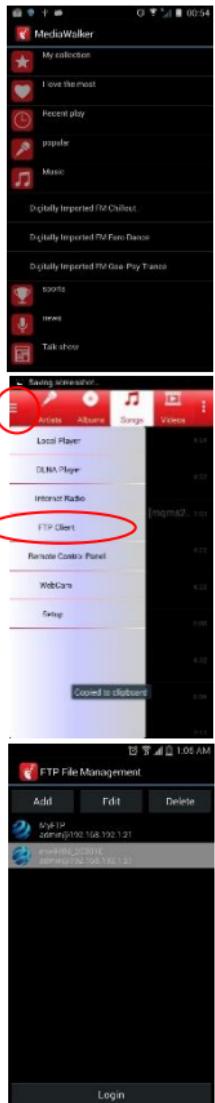
- Click the slide command tag at the most upper left corner and choose the Internet Radio to list down the available Radio station.
- There are couple different category to group many radio stations. Click on the radio station you like will start the radio playing.



- You must have your MediaWalker 948 connect to the Internet through WAN connection either by Ethernet or by WiFi. Without the Internet connection, MediaWalker 948 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 948 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.



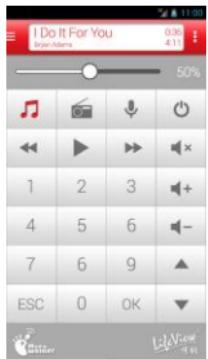
(5) Remote Control Panel

- Use Remote Control Panel in MediaWalker APP to control MediaWalker 948.
- 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 948 will similar as using the real IR R/C.
- It will perform following function to control MediaWalker 948.

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

(6) Web Cam

- The MediaWalker 948 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 your 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 the 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 948.
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 948 by WiFi directly, you need to choose “LAN” mode.



If your controller connect the MediaWalker 948 through a router/AP, which means both the mobile phone (Controller) and MediaWalker 498 connect on the same router/AP, you need to choose the “WAN” mode.

- WiFi Configuration Section

The Default IP of MediaWalker 948 is 192.168.192.1

You can find the default SSID mw948X_XXXXXX and WPA password in the WiFi Configuration section. The default WiFi WPA password is “12345678”

The default WiFi channel region is China and the Auto Channel Selection is enable

All of these parameter 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 948 supports using WiFi as WAN Type. It means you can click on the WiFi to setup MediaWalker 948 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.

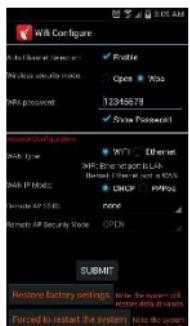
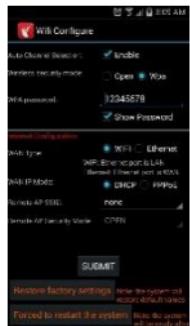
By click on the search tab of the Remote AP SSID, it will list out all the available router/AP for your choose.

Pick up the SSID you want MediaWalker 948 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 10.

- Force to restart the system
It will force the MediaWalker 948 to reboot.
- Choose About to view the Firmware version of the MediaWalker 948 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 948 must connect the Internet to be able to update the firmware from the web site service.
- The firmware process will support both Beta version (weekly overnight build) and Stable version (monthly stable build).
You can always get the most up to date new function and bug fix from the Beta version.

