



FM RADIO TRANSMITTER

Instruction Manual

i702

Please read this manual carefully before operating and save it for future reference.

Questions? Please visit <http://www.i-Luv.com>

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INTRODUCTION

Listen to songs stored on your iPod® through your FM radio with iLuv™ powerful FM transmitter

You can easily share your favorite music with your friends with iLuv™ FM radio transmitter. iLuv™ FM radio transmitter transmits the music stored on your iPod to any FM radio device, such as FM radio in your car, FM radio in your mini audio system, etc. Have fun as you share music through iLuv™ FM radio transmitter.

General Features

- Powerful digital FM radio transmitter for your iPod
- Compact design for ultra-light portability
- Utilizes PLL tuning technology
- Tunes FM radio frequencies with iPod controls
- Displays FM frequencies on iPod LCD screen
- Powered by iPod (no need for external power sources)
- Supports international FM frequency ranges

Accessories Included

- Instruction manual
- Installation CD

FCC Regulations

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

This equipment complies with Part 15 of FCC Rules. These limits provide reasonable protection against radio and TV interference in a residential area. However, your equipment might cause TV or radio interference even when it is operating properly. To eliminate interference you can try one or more of the following corrective measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the radio or TV.
- Use outlets on different electrical circuits for the equipment and the radio or TV.
- Consult your dealer or an experienced radio/television technician if the problem still exists.

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

INSTALLATION

The FM frequency, which iLuv™ FM radio transmitter broadcasts on, is set by using the controls of iPod. In order to change the FM frequency with iPod, you need to install the iLuv software from the included installation CD. Please follow the setup instructions below before using iLuv FM radio transmitter:

Before installing the setup files into your computer

To install iLuv™ FM radio transmitter properly, iTunes must be installed on your computer. Please check whether your iTunes is updated with the most recent one. You could download the most recent iTunes software from <http://www.iPod.com>. At the time that we write this installation manual, the version of iTunes, which we refer to, is 6.0.2.23. We also write this instruction manual based on Windows XP.

Windows® Users

- Insert the included iLuv installation CD into your PC. The iLuv installer should pop up automatically. If it doesn't, run the “**iLuv.exe**” file on the CD manually. You will see the installation pop-up window as shown right.

The preset folder address is “**C:\Program Files\iLuv\FM Transmitter**”. You might change the folder address, but it is recommended not to change the preset folder address.

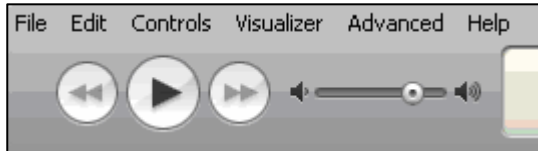


- Click on the icon “**USA INSTALL**” in the left top of the installation pop-up window. Then, it will automatically install the setup files into the specified folder. After the installation, a “**readme.rtf**” file will be popped up. You might follow the setup instructions described in the file or you could continue following instructions in this manual.

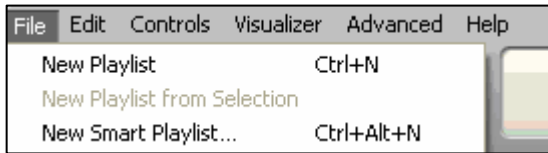


INSTALLATION

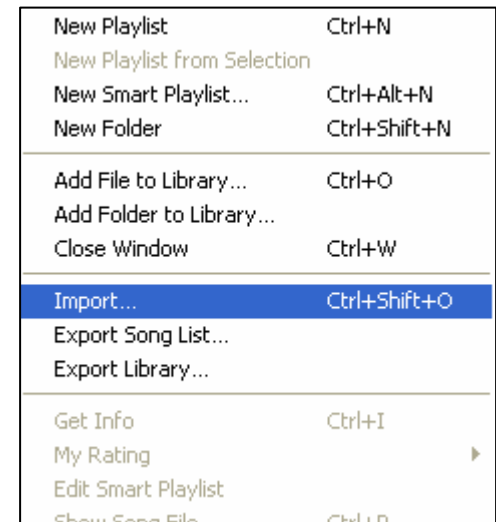
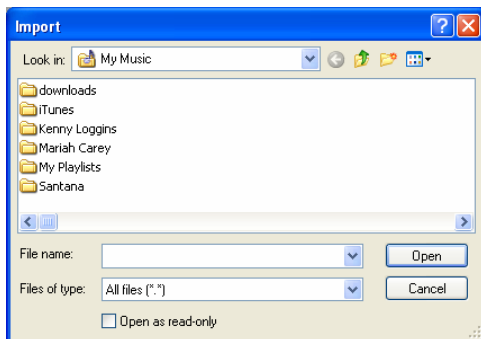
- Run your iTunes and select the **“File”** on the menu bar of iTunes. You could find the **“File”** menu on the left side of the menu bar.



- Press the **“File”** menu on the menu bar of iTunes. Then, you will see the drop-down sub-menu list.

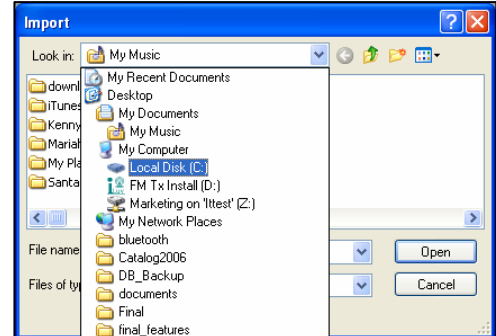


- Select the **“Import...”** option from the drop-down sub-menu list. You will see the following pop-up window.



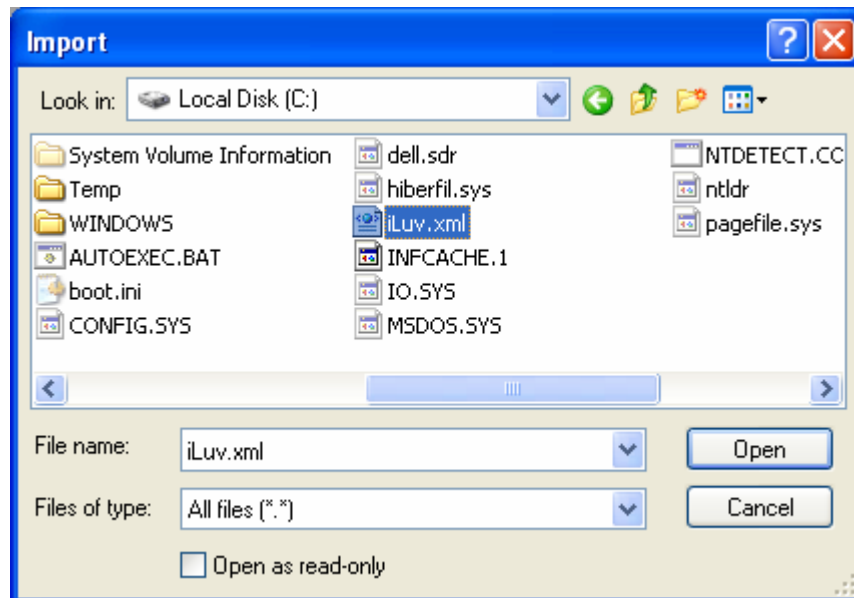
INSTALLATION

- Change the look-in folder to “**Local Disk (C:)**” from the (look-in) drop-down list of the pop-up window.



The default “look-in” folder of the pop-up window is the “My Music” folder.

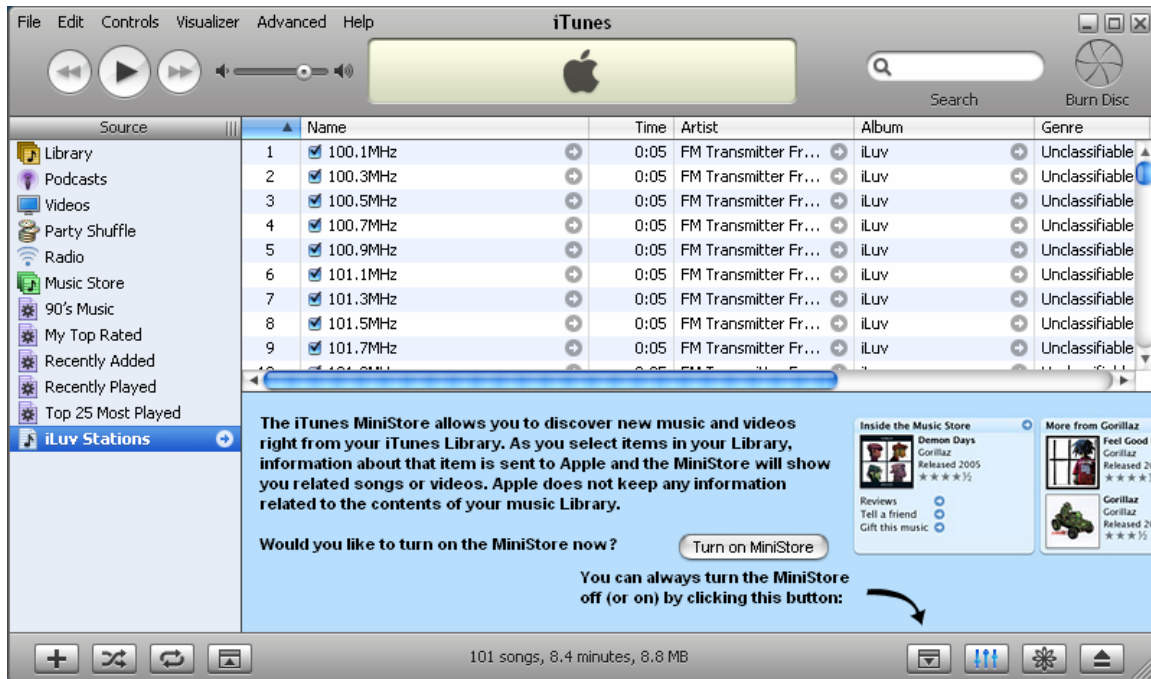
- In the “**Local Disk (C:)**” folder, find the “**iLuv.xml**” file as below, and open the “**iLuv.xml**” file by pressing the “**Open**” button on the pop-up window.



This will automatically update your iTunes with the necessary data for proper operation of iLuv FM radio transmitter.

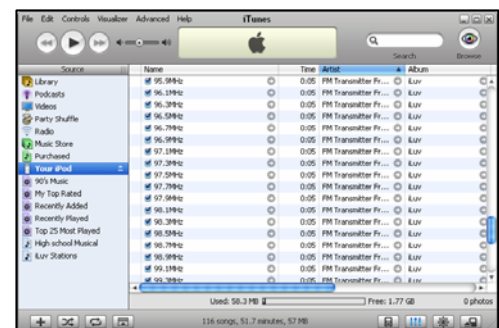
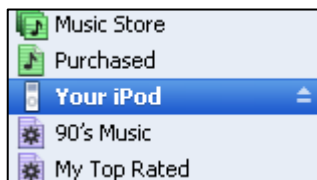
INSTALLATION

- Check whether the playlist “iLuv Stations” exists under “Source” of iTunes. You can find the “Source” column in the left side of iTunes.



If you select the playlist “iLuv Stations”, you will see **100 files**, which contain the information related to the frequency of FM radio transmitter, on the display window in the middle of iTunes.

- Connect your iPod to your computer. You will see the icon of your iPod in the “Source” column in the main window of iTunes as shown left and below.



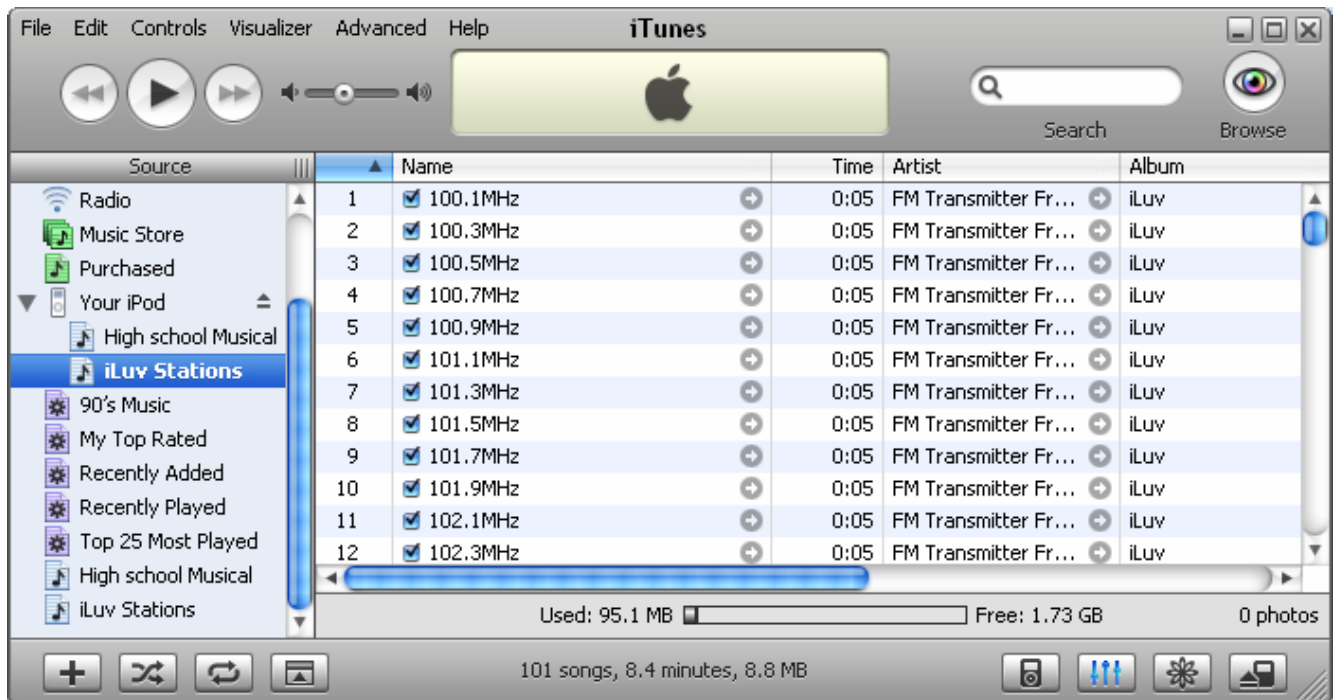
The displayed name of your iPod will be different from the name indicated on the picture above. It depends on how you name your iPod when you set up your iPod with iTunes for the first-time use.

INSTALLATION

- Click and hold the playlist of **“iLuv Stations”** in the **“Source”** column, and move and drop it on the icon of your iPod. This will transfer all the frequency data to your iPod for the correct operation of iLuv FM radio transmitter. All the frequency data files in the playlist of **“iLuv Stations”** must be stored in your iPod in order to operate iLuv FM radio transmitter correctly.



- Click on the icon of your iPod to check whether the data files and the playlist are transferred to and stored on your iPod correctly. If you see them transferred correctly to your iPod, you are now ready to use iLuv FM radio transmitter with your iPod.



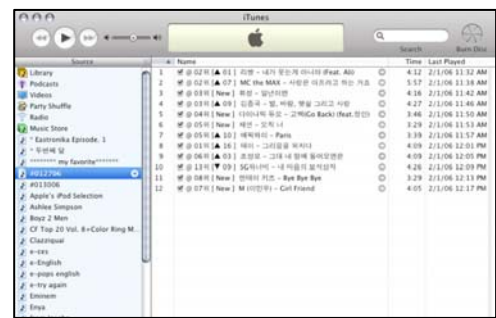
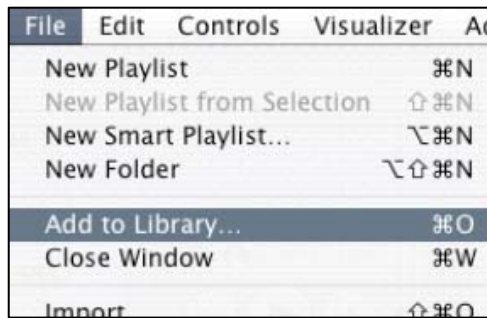
INSTALLATION

MAC® USER

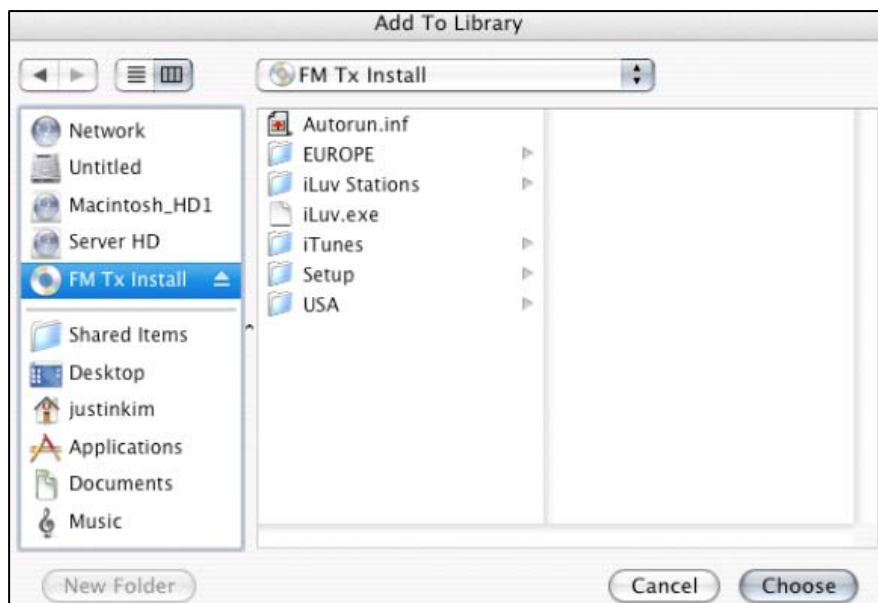
- Insert the included iLuv installation CD into your CD-ROM. The CD-ROM will be mounted and the related icon will be shown on your desktop as shown right.



- Run your iTunes and select the “File” on the menu bar of iTunes. On the file menu, you can see the option “Add to Library...”

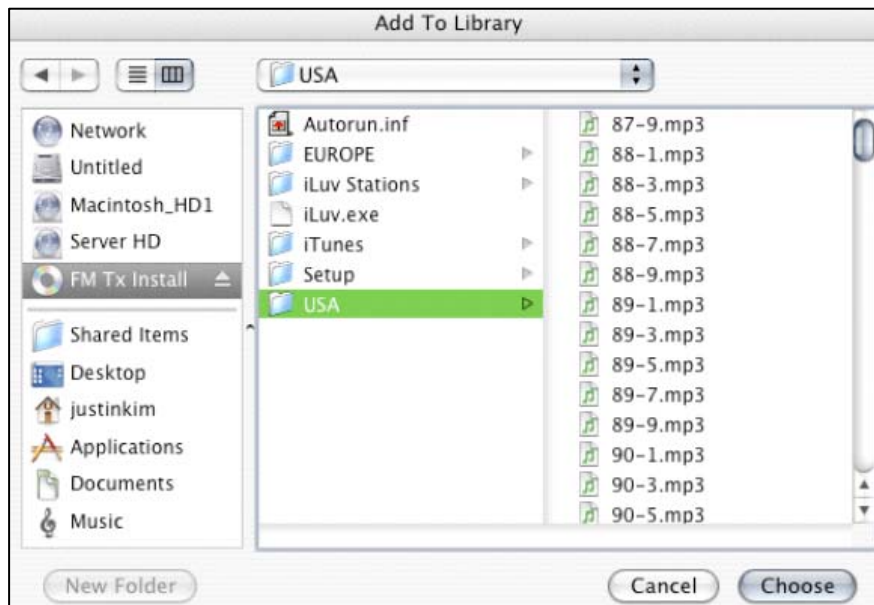


- Select the “Add to Library...” option from the drop-down sub-menu list. You will see the following pop-up window. On the pop-up window, you can find the mounted CD-ROM, named as “FM Tx Install”.

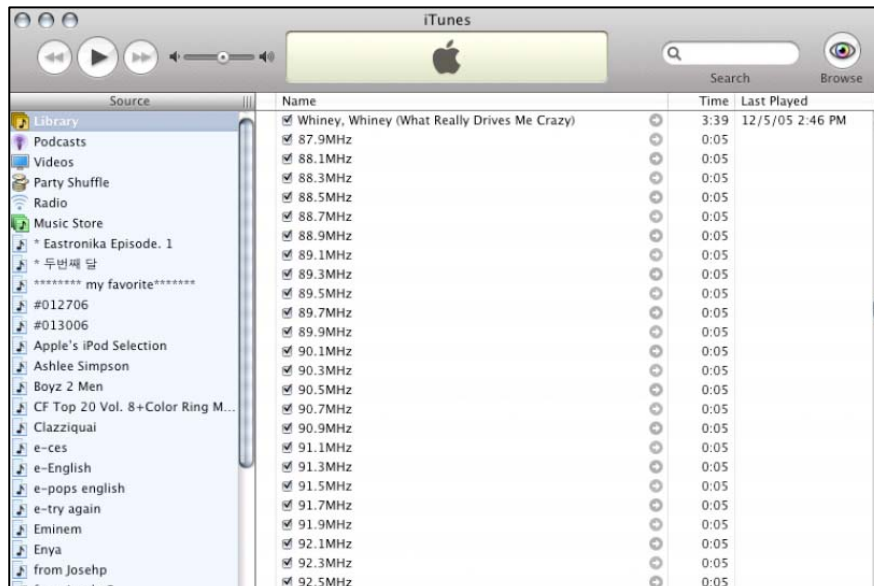


INSTALLATION

- On the mounted CD-ROM, there are several files and folders. Select the folder, named as “USA”, and then click on the “Choose” button to add all the files inside the folder to iTunes.



- All files in USA will be added to the library of your iTunes. Check whether all files are correctly added to the library. The files are named as **88.1MHz**, **88.3MHz**, and so on until **107.9MHz**. The total number of added files must be **100**.

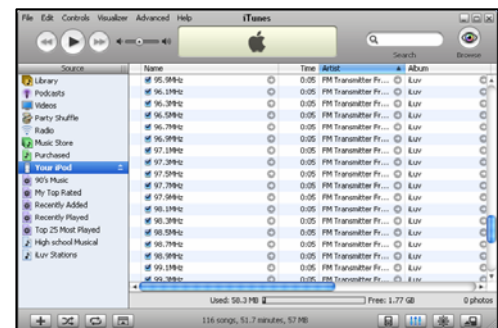
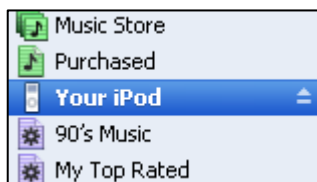


INSTALLATION

- Make a new playlist, named as “**iLuv Stations**”. If you are not sure how to make a new playlist, refer to your iTunes’ instruction manual.
- Select all the files, which were added to the library of your iTunes in the previous step. Drag and release them onto the playlist, which you just made. This will add all the files to the playlist “**iLuv Stations**”.



- If you select the playlist “**iLuv Stations**”, you will see **100 files**, which contain the information related to the frequency of FM radio transmitter, on the display window in the middle of iTunes. If not, add the missing files to the playlist of “**iLuv Stations**”.
- Connect your iPod to your computer. You will see the icon of your iPod in the “**Source**” column in the main window of iTunes as shown left and below.



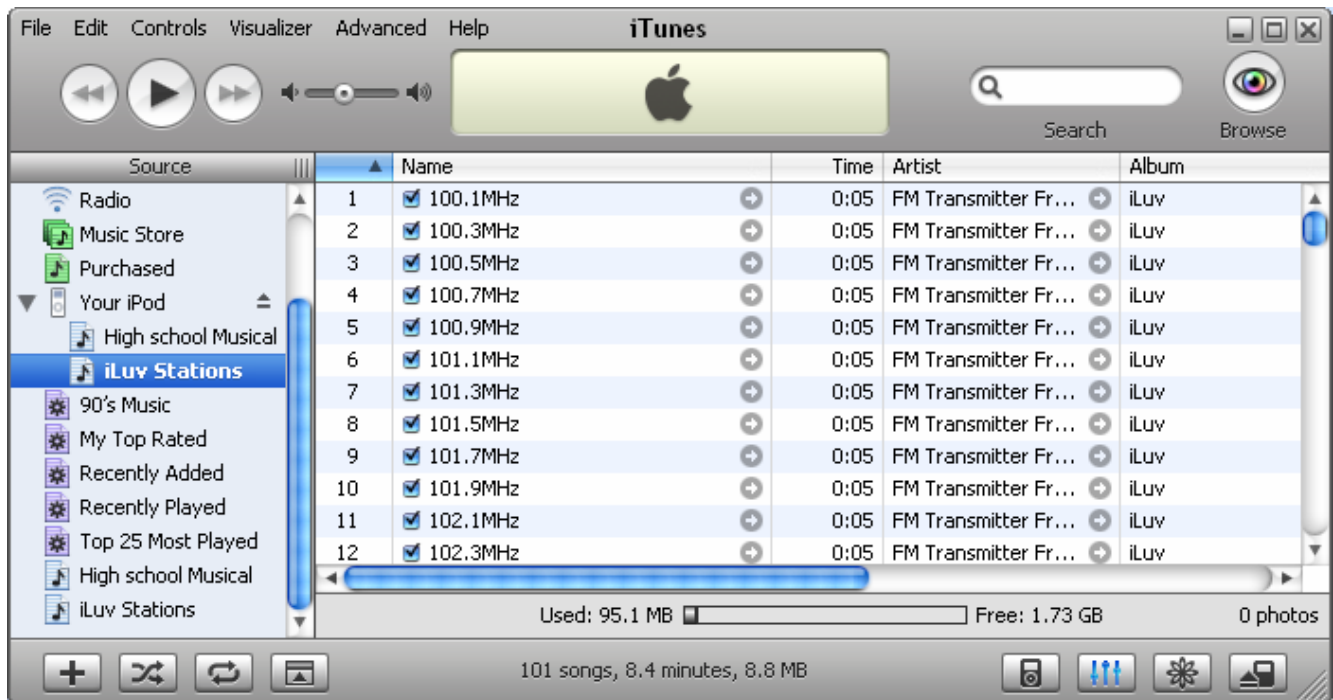
The displayed name of your iPod will be different from the name indicated on the picture above. It depends on how you name your iPod when you set up your iPod with iTunes for the first-time use.

INSTALLATION

- Click and hold the playlist of **“iLuv Stations”** in the **“Source”** column, and move and drop it on the icon of your iPod. This will transfer all the frequency data to your iPod for the correct operation of iLuv FM radio transmitter. All the frequency data files in the playlist of **“iLuv Stations”** must be stored in your iPod in order to operate iLuv FM radio transmitter correctly.



- Click on the icon of your iPod to check whether the data files and the playlist are transferred to and stored on your iPod correctly. If you see them transferred correctly to your iPod, you are now ready to use iLuv FM radio transmitter with your iPod.



OPERATION

How to tune iLuv FM radio transmitter

Once you have installed the iLuv stations onto your iPod, the iLuv FM radio transmitter can broadcast the music to any frequency on your FM radio. Follow the simple steps below to tune your iLuv FM radio transmitter to broadcast your music to a selected frequency of your FM radio.

- Connect iLuv FM radio transmitter to your iPod through the 30-pin connector. If properly connected, you will see the red light on the iLuv FM radio transmitter.
- Scan the FM stations of your radio to find an empty FM frequency/station, such as one that doesn't have any public FM broadcastings. If you live in New York, NY, you might choose the "95.1" FM Station. If there is no broadcasting, you will hear only static noises from your radio.

Note: It is also possible to broadcast your music to the FM frequency, which has the public broadcastings. However, in that case, your music transmitted from iLuv FM radio transmitter might be interfered with the public broadcastings.

- Navigate to and select the playlist "**iLuv Stations**" from the main menu on your iPod: (Music ⇒ Playlists ⇒ iLuv Stations)
- Find the FM frequency or Station, which matches to the FM station found on your FM radio, from the playlist "**iLuv Stations**". If you set your FM radio to the "95.1" FM station, you need to select the FM frequency file, named as "**95.1MHz**".
- Play the FM frequency file (, and pause the play before your iPod finishes playing the file. You will immediately notice that there are no more static noises coming out from your radio.
- Navigate to and select your music from the main menu on your iPod, then play it. You will hear your music from your radio.

Enjoy your favorite songs stored on your iPod through your FM radio with iLuv™ powerful FM transmitter!!

Important Note!

Disconnecting i702 from your iPod will reset the previous FM frequency setting.

TIPS & SPECIFICATIONS

Is iLuv i702 powered by iPod? Is it charged by iPod?

Yes, it is powered by iPod, but it isn't recharged by iPod. iLuv i702 doesn't have any internal rechargeable battery.

How can I get the best sound quality with iLuv i702?

There are several things to check to get the better sound quality.

- Move iLuv i702, connected to iPod, near the FM antenna.
- Check whether the selected FM station has any broadcasting. If yes, change to an empty FM station. If the signal strength of the public broadcasting is strong, it could affect the signal transmitting from iLuv i702.
- Check the power of your iPod. If the battery is low, charge your iPod before using iLuv i702. The low battery can affect the transmitting power.

Can I turn the light on iLuv i702 off?

No, it is used to indicate that iLuv i702 is in the working mode.

TECHNICAL SPECIFICATIONS

- Modulation: FM Stereo
- Oscillator Type: Crystal
- Tuning Type: PLL (Phase-Lock Loop)
- Frequency Range (USA): 88.1MHz – 107.9MHz
- Frequency Response: 20Hz to 20kHz
- Stereo Separation: greater than 60dB
- Signal Distortion: Less than 0.3%
- Operating Range: ≤ 30ft (limited by FCC regulations)
- Built-in antenna
- Powered by iPod

iLuv™

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