ITUNER Introduction

Tune in to the World!

Thank you for using the Ituner Radio! The Ituner Radio brings unlimited choices and incredible convenience as you journey around the world for audio content.

With Ituner, you have much more than just a radio for your computer. It combines the ease of use of a radio, with the power of a computer.

The Internet offers an infinite selection of live and pre-recorded clips from around the world. This includes news, music, radio stations from different countries in several languages.

Because of the flexibility of Ituner, controls might not appear in other faceplates.   Also, this will affect the appearance and location of such controls. The best thing to do is experiment and try each control. We will a best effort in making these controls as recognizable and universal as possible!

Don't miss the following features:
- **Presets**
- **Scan**
- **Faceplates**

Setup

Requirements

- Windows 95
- 486 PC, Pentium recommended
- 4 Megabytes RAM
- 10 Megabytes of hard disk space
- Sound Card (16-bit, Sound Blaster Compatible)
- Internet access (Modem, Internet Service Provider account, etc...)
- 256 color VGA monitor, SVGA recommended
- Speakers

Contents of the Ituner installation

Do not delete **any** of the files below, otherwise, unpredictable problems may occur.

File Name	Description
ituner.exe	executable program
ituner.hlp	help file
ituner.cnt	help contents file
ituner.prf	preferences file (created after running)
ituner.ifc	face plate file (some packages might not have this)
ituner.pst	presets file

Do not delete any file under the graphics directory

graphics\	graphics folder

Controls Overview

The Ituner Radio was designed to look, feel and act as closely as a real radio.   The following is a list of the basic usage of the radio:

Setting Preferences

The Ituner Radio can be configured to work for different set ups.   Also, certain behavior can also be set.

[Preset Preferences](#)
[Scan Preferences](#)
[Connection Preferences](#)
[Proxy Preferences](#)
[Faceplate Preferences](#)

Playing Local Clips

There are two ways to play local RealAudio clips

- **From the Menu Button**

1. Click on the **menu drop** button
2.   Select the item **Open File...**
3.   Click on a file with a type of either .ra or .ram
4.   The clip will automatically start playing

- **From the Desktop**

1. Select a .ra or .ram file from the desktop's window
2. Drag and drop it into the Ituner Radio
3. The clip will automatically start playing

See Also:
Playing Networked Clips

Playing Networked Clips

- **From the Menu Button**
1. Click on the **menu drop** button

2. Select the item **Open RealAudio Location...**
3. Click on a file with a type of either .ra or .ram
4. The clip will automatically start playing

See Also:
Playing Local Clips

Using Presets

It is very likely that once you have found a favorite RealAudio site, you probably would like to access it quickly during your next session.

Using Presets
Simply click on a preset to start playing a clip. The **Shift** button will roll through different banks of presets and update the preset labels.

Setting Presets
Each preset can be customized to play any local or network RealAudio file.   See Presets Preferences for how to set it.

Using Scan

Scan will play all clips stored in the presets for a certain amount of time.   It will automatically skip presets that are empty.

Click on the **Scan** button   once again to stop scanning. If audio is playing, then it will continue playing.

See also:
Scan Preferences

Contact Information and Registration

For the latest information, please visit our web page at:
      http://www.ituner.com/

Registration
Registration is $24.95 (USD) per copy.   To place an order, visit:
      http://www.ituner.com/order.html
or
      Send a check or money order to:
            Ituner Internet Broadcasting Services
            1375 Tartan Trail Road
            Burlingame, CA 94010-7200

Support
Send questions and comments to support@ituner.com

We will post a frequently asked questions list up on our web page.   Please check:
      http://www.ituner.com/support.html

Bug Reporting
Send bug reports to bugs@ituner.com   Please make sure to include:
- Detailed description of the bug
- Steps to reproduce the bug
- Information regarding your machine (Operating System, Sound Card, Monitor, etc.)

Misc...
If you are an Internet broadcaster, please contact us!   We'd like to hear from you!
If you would like us to create custom faceplate designs, contact us and we'll see what we can do!

Scan Preferences

- **Scan seconds**
  Length of time to play a clip before going on to the next preset

- **Loop to beginning**
  When checked, the radio will scan back to the first preset after the last preset has finished playing its duration. If not checked, the scan will stop after the last preset is done playing.

- **Skip errors**
  If this option is checked, proceed to the next preset if the current preset fails.   Otherwise, cancel scanning.

See Also:
Using Scan
Setting Preferences

Playback and Seek

Ituner provides extensive seek functions to quickly find sections of an audio clip.

Button	Function	Description
▶	Play	Start playing clip
❚❚	Pause	Pause a clip (in some faceplates, Play and Pause are the same button)
⏭	Next Clip	Go to the next clip of a .ram file
⏮	Previous Clip	Go to the previous clip of a .ram file
■	Stop	Stops the current clip from playing/stops network connection

The following options are available only for pre-recorded clips:

Button	Function	Description
◀◀	Rewind	Rewinds the starting position of a clip
▶▶	Forward	Forwards the starting position of a clip

Progress Bar A bar that shows how much of a clip has already been played. The starting position may be changed by dragging on this area.

Window Controls

These buttons perform window functions.

Function	Description
Power	Quit Ituner
Minimize	Minimize the window
Help	Display help file
Caption Toggle	Toggle the display of the window title/caption

Presets Preferences

The listbox lists all the available presets for the current radio.   Notice that there may be more presets listed than what is visible on the main window.   Press the shift button to access the other presets.

To Set/Edit a Preset
1. Click on a preset item from the preset list.
2. Fill in/edit the following fields:
   - Label
   - URL
   - Description
3. Click on **OK**.

To Erase a Preset
1. Click on a preset item from the preset list.
2. Click on **Clear**.
3. Click on **OK**.

To Clear All Presets
Note that this operation is irreversible!
1. Click on **Clear All**.
2. Click on **OK**.

See Also:
Setting Preferences

Setting the Volume

Click on the following buttons to set the volume.

Button	Description
+	Increase volume level
-	Decrease volume level
MUTE	Toggle the volume between off and the previously set value

Connection Preferences

Set these connection settings to optimize your network connection.

- **Bandwidth**
  Set this value to the highest speed of your modem connection.

- **Network Timeout Seconds**
  The number of seconds for the radio to try to connect via network, before giving an error message.

- **Quality**
  If your machine slows down considerably while playing audio, you might want to set it to "Least CPU usage".
  As a result, the audio quality will not be optimal.
  Otherwise, leave this setting to Best Audio Quality.

- **Send Statistics**
  Check this box to send the server information about your machine .

See Also:
Setting Preferences

Proxy Preferences

If you are behind a firewall, proxies need to be used.   To use proxies, check the Use Proxy checkbox and fill in the following fields.
- RealAudio Server
- RealAudio Port
- HTTP Server
- HTTP Port

See Also:
Setting Preferences

Menu

Click on the Menu button [→☰]   to access the other features of Ituner.

- **Open RealAudio Location...**
  Brings up a dialog box to go to a specific RealAudio location.   Accepts both pnm: and http: prefixed locations.
  Locations must end with a .ra or .ram

  Valid locations are played once they are loaded.

- **Open File...**
  Brings up a file selector from which a   .ra or .ram file can be selected and played.

- **Show Stats...**
  Brings up a list of statistics for the current connection

- **Toggle Caption**
  Removes the Caption/Titlebar of Ituner, if it is there.   If it is not there, it is added.   Note that   the radio can
  still be moved, by dragging on non-button and non-progress bar areas.

- **Ituner Home Page...**
  Runs the default browser and brings up Ituner's home page

- **Register Ituner...**
  Runs the default browser and brings up the register Ituner page

Acknowledgements

The Ituner team would like to thank the following people:

- Gus Lanzas for most of the graphics and the splash screen
- TheDJ for their support and encouragement
- People in comp.sys.ms-windows.programmer.mfc for their help
- Our families for putting up with our crazy schedules
- Beta testers for their patience with our early software.   (Special thanks to Brian Heller and   Gorlicki "Jessie" Zdzislaw)

- Progressive Networks for their SDK and support

And most of all, to YOU, our customers!

THANKS!

Faceplate Preferences

One of the most exciting features of Ituner is the ability to change faceplates.   Please visit our web site for the latest faceplate packages.   Faceplates allow a completely different look for the Ituner radio.

The faceplate preferences screen displays the title, author and other information regarding the faceplate.

Click on the **Change...** button to bring up the file selector, from where you can choose an faceplate file (.ifc).   Click on **OK** to save the changes.   You must quit and restart Ituner to see the changes take effect.

See Also:
Setting Preferences

Troubleshooting

Q: What does RealAudio error #___ mean?
A: Go to http://www.real.com/help/errors/ to get a listing a troubleshoot this error message.
For a short summary of error messages go to RealAudio Error messages

Q: Cannot use volume, gives an error message.....
A: Your sound card does not support volume control.

Q: Can I still view RealMedia movies with Ituner installed?
A: Yes!   Ituner will automatically bring up the RealMedia player when it detects a video file.

Panels, Indicators and Meters

Panels, Indicators and meters are graphic indicators that monitor the status of a RealAudio clip. (Note that some panel, indicator or meter objects may not appear on your screen.   This depends on the current faceplate.)

Panels

The information panel gives the current RealAudio clip's title, author and copyright information.   Another panel is the counter panel.   This displays both time elapsed and length of a clip.

Indicators

■ ON
■ OFF

Indicators are similar to LEDs in that their state indicate whether a feature is on or has been activated.

- Network   On when the current RealAudio clip is being played from a network
- Local   On when the current RealAudio clip is being played from a local file
- Buffering   Blinks when receiving audio in advance
- Live   On when the current RealAudio clip is a live stream
- Stereo   On when the current RealAudio clip is in stereo stream
- Scan   On when scanning is activated

Meter

 Currently, there is only one type of meter available.   The network strength meter measure the amount of incoming audio stream data.   It is at rest when the needle is on the left side at '0' and maximum at 100, on the right.

Installing into Browsers

The following are steps to automatically launch Ituner as a default player for RealAudio files.   If you use a different browser, please follow either set of instructions below, as most browsers have similar install steps.

The easiest way to get the browsers to automatically launch Ituner is to re-install Ituner, but just in case, here are the instructions for both Netscape Navigator and Microsoft Explorer:

Netscape Navigator
1. Click on the **Options** menu and select **General Preferences**.
2. Click on the **Helpers** tab.
3. Search for the entry, "audio/x-pn-realaudio" under the File Type list.
- If it doesn't exist,
  a. Click on the **Create New Typ**e button.
  b. Enter the following:

      Mime Type: audio
      Mime SubType: x-pn-realaudio
  c. Click **OK**.
  d. Enter ra,ram in the Extensions field.

4. Select the **Launch the Application** option.
5. Click on the **Browse** button and find the directory where Ituner is installed.
6. Click **OK**.

Microsoft Explorer
1. Click on the View menu and select   Options.
2. Click on the **Programs** tab.
3. Click on the **File Types** button.
4. Under the Registered file types list, look for RealAudio File or RealMedia File and select it.
- If it exists, click on the **Edit...** button
  Under the Actions list, select open
  Click on the **Edit...** button
  Click on the **Browse...** button
  From the file selector, find the directory where Ituner is installed.
  Click on **OK**
  Click on **Close**
  Click on **Close**
  Click on **OK**

- If it doesn't exist, click on the **New Type...** button
  Set the following fields:
  Description of type: RealAudio File
  Associated extension: .ra, .ram
  Content Type (MIME):   audio/x-pn-realaudio

  Click on the **New...** button
  Under Action, type open
  Click on the **Browse...** button
  From the file selector, find the directory where Ituner is installed.
  Click on **OK**
  Click on **Close**
  Click on **Close**
  Click on **OK**