

Internet Radio Player

NTU-100



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»»» SUMMARY

The NTU-100 Internet Radio Player is a combination Internet radio and audio media streaming device that brings all the audio content of the Internet from your broadband connection directly to your audio System. With it users can listen to 13,000+ radio stations from more than 150 countries, Free.

»»» OVERVIEW

The Tuner provides not only standard RCA connections to your audio systems but also two 600 OHMS balanced out connections on euroblock for the highest audio quality experience. Setup and configuration is simple using the built-in web-browser control panel. A weekly timer can schedule the broadcasting of the desired station at any time.

Add Internet Radio to Your Home Theater

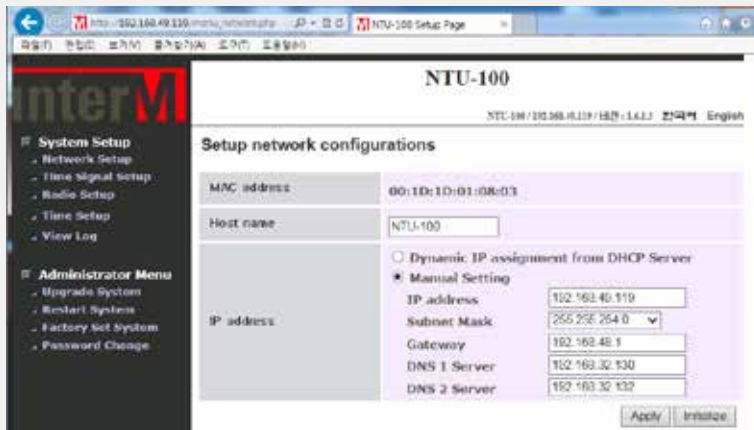
You can integrate Internet Radio to any audio systems. This is the perfect solution for enjoying a virtually unlimited amount of free music, talk, and more. Don't be limited to what you can tune in from your old AM/FM analog radio anymore. Ideal for where standard radio waves are not available with an easy Ethernet connection to your home or office broadband router.

Access 13,000+ Radio Stations Worldwide

Once the NTU-100 internet radio player is connected to the Internet you will have access to 13,000+ live streaming Internet radio stations from around the globe at your fingertips. This includes any genre you can think of, from music to talk, sports, and local news from over 150 countries.

What is Internet radio?

Internet radio also known as web radio, net radio, or webcasting is an audio service transmitted via the Internet. Broadcasting on the Internet is usually referred to as webcasting since it is not transmitted broadly through wireless means. An Internet Radio is a radio receiver, a piece of hardware, that is designed to receive Internet radio streams. Most Internet radios are manufactured to be used in conjunction with a local Wi-Fi, local router, or other broadband connection.



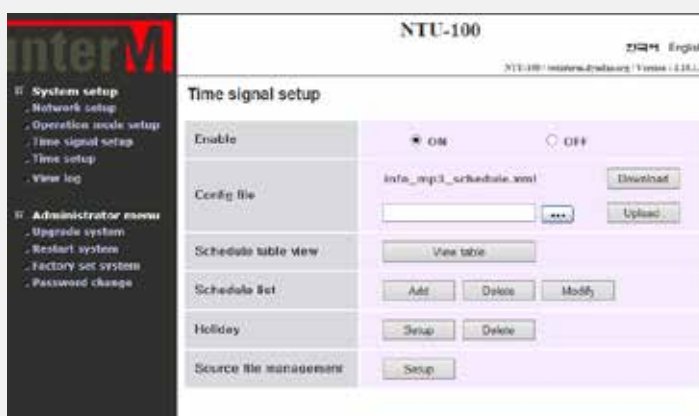
Web-Browser Control Panel

The Web-browser control panel is a web-based interface (control panel), used to interact directly with the player, both for making configuration changes and for requesting information from the player.

The Web-browser control runs directly on the player's internal web server on port 80 and can be accessed from any regular browser including web enabled devices such as tablets and smart phones.

You can access **Web-Browser Control panel** interface by opening a browser and typing http://device_ip_address. The default IP address is [http:// 192.168.1.99](http://192.168.1.99).

The web-browser interface will allow you to setup and configure the Network Settings, Security, Date/ Time, User definable Web Stations, Timed Broadcast Automation, Firmware Update, Maintenance and Log Files. Through the web-browser interface, you can easily select the desired channel to broadcast.



MP3 files can be broadcasted at a selected times

MP3 files can be added, scheduled and previewed using the internal web-browser interface using a PC.



NTP (Network Time Protocol)

This allows automatic time synchronization. The NTU-100 internal clock is updated and synchronized to external server clocks.

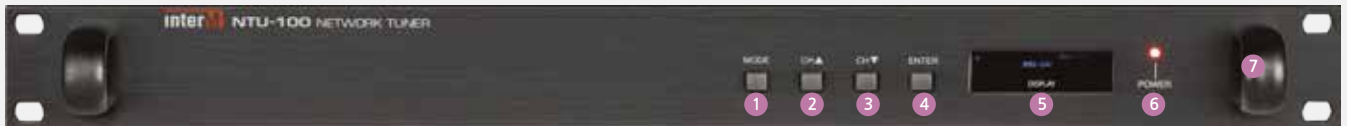
This improves the accuracy of timer event programming broadcast. The accuracy of the important elements of time increased.

Features

- Receive and Play streamed media from internet radio
- Front LCD to identify the channel selection
- Easy Front Panel operation and channel selection
- Channel selection via web enabled devices
- Timer event channel selection
- Timer event MP3 file playback (50 events)
- 30 individual scheduled holiday broadcast
- Euro block terminal and RCA audio connections
- 20 preset stations (built-in), 40 preset stations (user defined)
- Web browser Control panel for configuration, Channel selection, maintenance and security
- Security management through Password.
- System and broadcast log file.
- NTP (Network Time Protocol)
- Seamless streaming playback via advanced buffering management (Up to 4 Minutes) and server redundancy.



Front Panel



1 MODE

Press once to display the units IP address.
Press twice to display the software version information.

2 Channel shift key (CH ▲)

Press to select a saved web radio channel UP. Also used to navigate through the menu displayed LCD Display.

3 Channel shift key (CH ▼)

Press to select a saved web radio channel DOWN. Also used to navigate through the menu displayed LCD Display.

4 ENTER

Press the button briefly to start the selected Web broadcast channel.
Press and hold to end the broadcast currently being played.
Press and hold during a timed broadcast event to end it. Unit returns to the original broadcast channel prior to the timed event.

※ Press the button briefly (900ms or less) to start a broadcast or long (900ms or more) to end / stop a broadcast.

5 LCD DISPLAY

Displays the Network IP Settings, server connection and radio operating status.

6 POWER LED

The LED indicates that the equipment is power On.

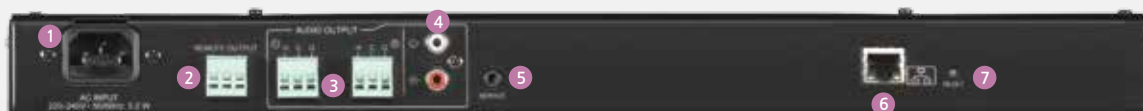
7 RACK mounting HANDLE

Removable rack cabinet Handles.

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Real Panel



- 1 AC Power Input
117/220V AC
- 2 Remote Control
GPI trigger for control and triggering the ECS-6216P, ECS-6216MS Macros.
- 3 EURO TERMINAL
Stereo Balanced Audio.
- 4 RCA stereo
Unbalanced audio.
- 5 Service Port
Used for service debugging.
- 6 Network Ethernet
This port supports 10 / 100Mbps on the network connection.
- 7 RESET Switch
Press for 5 seconds to reset to factory default.



SPECIFICATION

Broadcasting Reception	Network (TCP/IP), RJ-45 connector
Frequency Response	20Hz ~ 20KHz(0 dBu ± 3dB)
T.H.D	More than 0.5% (at 0dBu output 20KHz LPF)
S/N	RCA Output : More than 75dB(20KHz LPF, A-WTD) EURO Output : More than 75dB(20KHz LPF, A-WTD)
Output level	0 dBu ± 3dB
Operating Temperature	0°C ~ +40°C
Power Source	AC 220V, 60Hz
Power Consumption	5.6W
Weight (Set)	3.3Kg
Dimensions (Set)	482(W) x 44(H) x 280(D)mm

APPLICATION

The NTU-100 is great in applications where conventional radio reception is not available. It can also be used in combination with the AOE-212N to create a personalized corporate radio. The NTU-100 is also compatible with streaming subscription radio providers such as SHOUTCAST.

The NTU-100 can be used anywhere an Internet Radio receiver is required. It can be used in Education, government and corporate applications. It is Ideal for BGM and store casting applications such as retail, restaurants and Cafes. Playback commercial internet subscriptions or free available internet broadcasts. The built-in Time scheduler allows the user to easily change radio program stream to accommodate different BGM streams depending on time of day and their clientele.



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»»» RELATED PRODUCTS



MA-106
MA-110

- 1U Compact Size Design
- Class D Amplifier Topology
- SMPS Switch mode power supply
- 60W High Efficiency output

»»» ACCESSORIES

1. Power Cord x 1
2. 3P terminal block x 3
3. Screw for Rack Mount x 4
4. Washer x 4
5. Lan Cable x 1
6. Operation Manual x 1



Inter-M Corp. (IMK)

719, Dobong-ro, Dobong-gu, Seoul, Korea
Overseas Sales Team

Tel_ +82-2-2289-8141~7 **Fax_** +82-2-2289-8149 **E-mail_** overseas@inter-m.com

www.inter-m.com

※ Design and specification are subject to be changed for the improvement of product quality without pre notice.

2015. 4. V2