

Radio Mux™

Real Time Music and Radio to DVB-ASI Multiplexer for Music Channel Delivery Applications Over Cable and Satellite Networks. Converts Up to 60 Channels of MP3 or WMA Radio Streams to DVB-ASI.



Features

- Input: Up to 60 channels of WMA/MP3, arriving via IP
- Output: Multi program DVB-ASI transport stream (MTPS)
- Decoding format: WMA and MP3 (We will consider any other format if required)
- Audio format: WMA/MP3 (32, 56, 92, 128, 192 kbps)
- Conversion format: MPEG-2 Layer II audio
- Each stream is assigned a unique PID
- Reader: HTTP, MMS, or any server string IP
- Automatic recovery from unstable IP drop-out
- Message display for input channel performance
- Log file to track all channel activities
- Store and recall different sets of IP channels
- Based on highly reliable server technology
- Enterprise Class server
- 10/100 BaseT Interface
- Windows XP

Applications

- Adding music to cable service
- Satellite radio

Specifications

Input/Output	IP network MPEG-2 transport stream conforming to ISO/IE
Power Requirements	120v/240v AC, 50/60 Hz
Configuration	3 RU Rack Mount case
Dimensions	19" x 4.25" x 20"
Weight	37.2 lbs (17 Kilograms)

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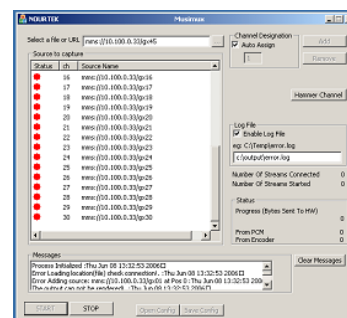
Overview

Music and distant radio stations are always a welcome occurrence on cable television systems. Providing such a service can be lucrative to the cable operator. With this in mind we created our **Radio Mux™**.

The Radio Mux is a real time multiplexer for audio. Audio typically arrives via the Internet. We buffer it and in real time convert the streams to audio-only transport streams. Once they are transport streams, we multiplex them onto a single Multi Program Transport Stream.

This software-based solution relies on a hardware server and the Internet to bring in audio streams and prepare them for use on cable video networks.

The application will simultaneously read multiple channel WMA IP streams in real time, and convert/multiplex them into a transport stream with a unique PID for each channel, then output the transport stream on a DVB-ASI transmitter via a 75 ohm BNC connector.



User Interface

The resulting DVB-ASI streams can be sent to traditional video multiplexers such as DVEO's QuadMux™, or any other brand of video transport stream multiplexer.

Radio Mux is designed for 24/7 operation, and when shipped on our selected server platform it is extremely reliable.

Ordering Information

Radio Mux
Options: IBM Server, No brand server

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