



The MCR family of products enables real-time live transcoding of internet audio streams, such as radio stations, and encapsulating them into MPEG-2 transport stream.

FEATURES

- “All IP” Software only solution
- Runs on COTS Server Hardware
- Up to 48 channels per 1RU Server unit
- Individual program per radio (PCR on Audio PID)
- PSI tables insertion (PAT/PMT/SDT)
- Support of RDS over UECP
- Channel Backup Playback from internal File
- Supports audio re-sampling to a variety of frequencies and stereo to mono down sampling
- Source redundancy solution (3 sources per stream)
- Management via embedded Web server, external SNMP or local CLI
- Ideal for broadcast applications
- Offers competitive price per channel

SPECIFICATIONS

Inputs

Physical 2 Gigabit ports (up to 8 ports supported)
Access MMS, RTSP, ShoutCast, IcyCast
Transport ASF, Real, ADTS
Codec..... MPEG-2/MP3/AAC/AACP/REAL/WMV

Outputs

Physical 2 Gigabit ports (up to 8 ports supported)
Transport MPTS/UDP, SPTS/UDP
Codec..... MPEG Layer II/AAC/V1/V2
Sample Rates 24KHz, 32KHz, 44.1 KHz, 48KHz
Channels Mono, Stereo
Level Adjustable gain (-20...+20db)
Rate Control CBR, capped VBR
Bitrates.....24,32,48,64,92,128,160,192,256,324kpbs

Source Redundancy

3 sources per channel, hot-swapped upon source failure
User defined source timeout definitions
User defined connection retries

Notifications

SNMP Configurable SNMP TRAPS V1/2
SMNP Type RFC1213, RFC1215
SYS LOG Configurable sys-log notifications
SMTP Email notifications

Management

Web Complete configuration via web
Remote JSON WEB services
CLI Network & software management
Software upgrade..... via FTP & CLI interface

ORDERING INFORMATION

Base Units:

- MCR-6012 – 12 Internet Radio channels audio bridge
- MCR-6024 – 24 Internet Radio channels audio bridge
- MCR-6036 – 36 Internet Radio channels audio bridge
- MCR-6048 – 48 Internet Radio channels audio bridge