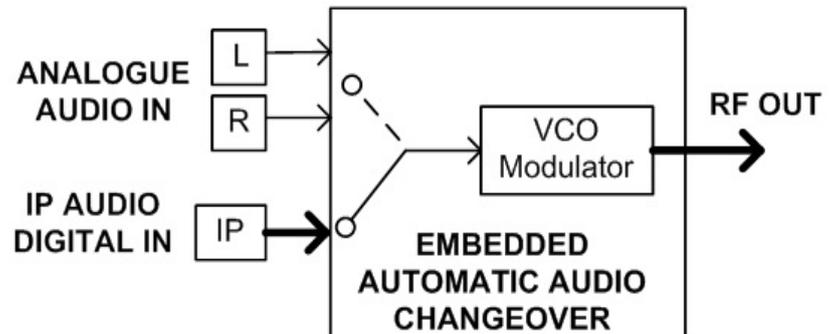


13M31940 IP AUDIO DECODER BOARD



New IP Audio Decoder board, code nr. 13M31940, is a very helpful solution to decode your audio program from IP network.

It has been developed to be very easily integrated in the TEM FM Opera Plus family transmitters.

Through the embedded audio automatic changeover present in every Opera Plus family transmitter models, new Audio IP decoder board 13M31940 represents a perfect solution to have a secondary audio source.

Naturally it can be used to be a primary Audio source leaving the other audio sources as reserve.

13M31940 also includes an USB socket to be used as audio back-up storage, able to play files and playlist. This is an additional possibility to go On-air with your audio back-up even if the IP network fall down. Once Ip network returns active, the 13M31940 will switch automatically to the original position.

It plays AAC+,MP3,Ogg Vorbis,WMA,G.711 and PCM audio. It works with 10/100Mbit Ethernet Connection. It is controlled by web browser.



FEATURES

- AACplus, MP3, Ogg Vorbis, G.711, PCM linear Decoding
- IP Streaming via TCP, UDP, RTP, Multicast
- Line Level Output (Stereo)
- USB Flash Interface

TECHNICAL SPECIFICATIONS

Ethernet

- 10/100Mbps Auto-negotiation
- RJ-45 connector
- Protocols: TCP/IP, UDP, RTP, SIP, DHCP, Multicast capable, webserver for control, status and configuration

Analog Output

- Output level software controllable
- Frequency response (-3dB) 19Hz ..22kHz *
- Signal to Noise Ratio 87 dB *, THD <0.05% *

Audio formats

- MP3 CBR/VBR, up to 320 kbps, 8..48 kHz sample freq.
- AAC-HE (AAC, AAC plus, AAC plus V2)
- Ogg Vorbis, WMA (up to version 9)
- PCM (L16, uLaw, aLaw), 8..48 kHz sample freq.
- G.711, G.722