

DAB/ DAB+ MULTIPLEXER

This device serves as an audio and multimedia integration solution for a DAB/DAB+ infrastructure. The system includes EDI/ETI output, with Time Stamp for SFN. Within the same platform, optional DAB/DAB+ encoders are available, capable of receiving audio streams from stations. High-quality encoding is achievable through the use of the latest Fraunhofer broadcast audio codec.

This multiplexer is entirely web-controlled, featuring a user-friendly interface. The head end takes control of all processes, initiating restarts in case of crash and sending email

alerts. Also, the encoder includes optional six-band audio processor with loudness control (as described in ITU1770), allowing the use of full 24KHz bandwidth.



MAIN ADVANTAGES

- PAD inserter for DLS, SLS, etc.
- N-PAD inserter for EPG, TPEG, etc.
- n x EDI input from external encoders.
- ETI 2Mbit EtI out (option) E1/T1 interface.
- EDI output.
- DAB/DAB+ Sw encoders with Fraunhofer code for IP stream.
- Up to 32 channels.
- SNMP.
- SMTP.
- Dual power supply.
- Six bands audio processor for every channel.
- Redundancy (1+1 or n+1).
- SFN ready.
- Codec DAB and DAB+.
- Fraunhofer codec for IP streamer.

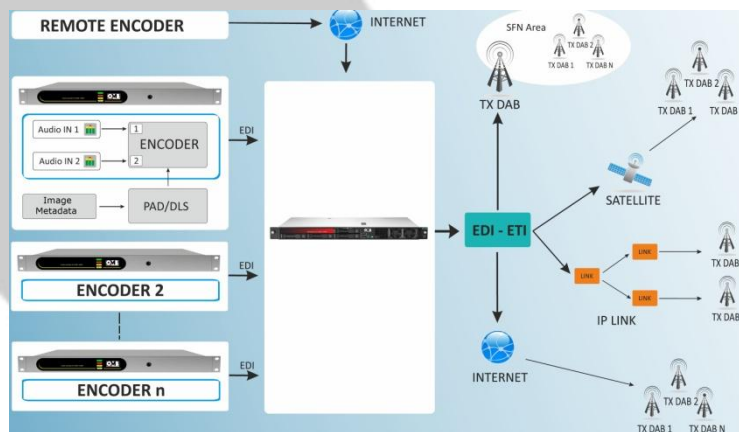
broadcast your _ world

GENERAL CHARACTERISTICS

OUTPUTS	EDI unicast and multicast on IP network ETI optional on E1/T1 interface
SAMPLE RATE	DAB 24, 48KHz DAB+ 32, 48KHz
DATA RATE	8-192Kbit
INTERFACE	Two Ethernet ports: ETH1 for stream acquisition and ETH2 for stream EDI emission
REMOTE CONTROL SOFTWARE	Web interface PC/Smartphone Back up and restore configuration Firmware upgrade by GUI interface
POWER SUPPLY	100-240VAC, 50/60Hz with redundancy

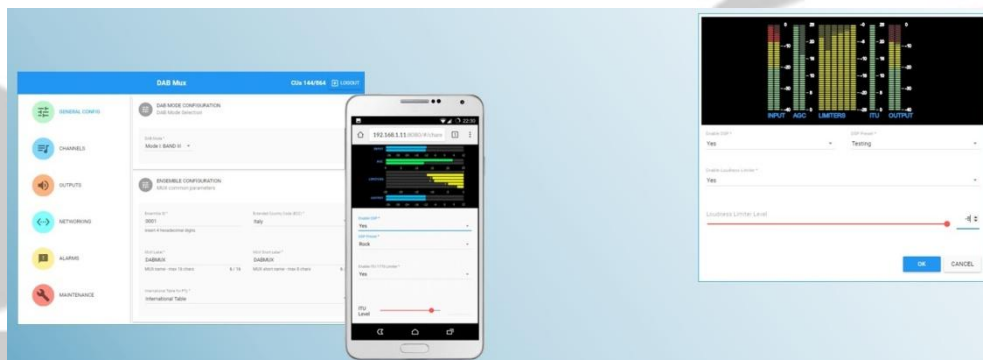
DAB NETWORK STRUCTURE

The multiplexer is installed between audio sources and transmitters, it allows the possibility to set every input from the remote encoder or existing streamer. The encoder section manages the DLS, slide show with data coming from streaming. Optional six bands audio processor which is totally web controlled.



MANAGEMENT WEB INTERFACE

The multiplexer can be set by PC/Smartphone web page for bitrate, audio sources, DLS and slide show settings. Audio processor specifically designed for digital transmission with 24KHz bandwidth and ITU1770 loudness control to harmonize audio channels.



* The images and/or technical specifications are subject to change without previous notice.