DIGITAL BROADCAST

AoIP (Audio over IP)

Audio over IP for Mozart transmitters

AoIP stands for **Audio over Internet Protocol** and it is a solution for transmitting digital audio signals via IP network (usually a Local Area Network = LAN).

AoIP is scalable, flexible and reliable: the main advantage is that it uses the same infrastructure already in place for Internet.

The sound is divided into little digital packets and then transmitted to its destination using the network infrastructure. Over short or long distances, AoIP is always suitable for high quality transmission: it can be music from main radio studio console, live sound at concerts, sports broadcasting announcers, interviews, news or background music.

AoIP uses different audio codecs to transmit and receive audio using the best sound quality per byte. AoIP uses AAC+, MP3, Ogg Vorbis, WMA, G.711, PCM.

Audio over IP for Mozart transmitters

Mozart FM transmitter series can support 2 different Audio over IP options, both installed internally and with independent control software.

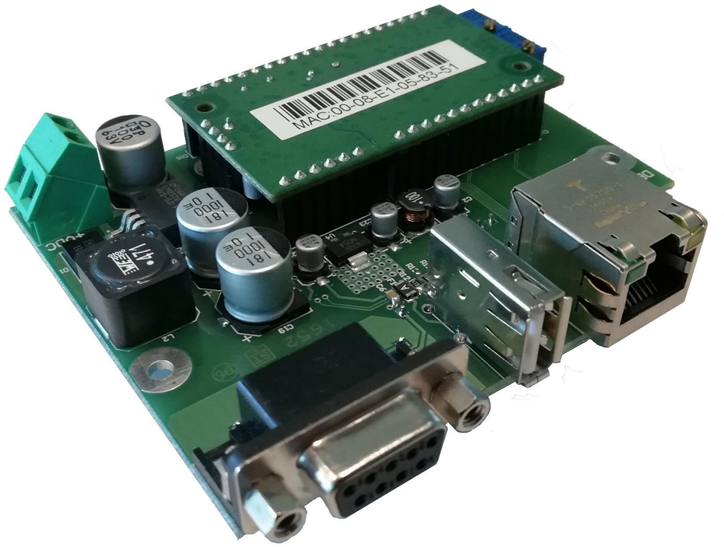
The choice is mainly related to the digital audio input source the customer will use.

AoIP option nr. 1

The first available AoIP option allows to play files and playlists from USB memory, PC or web server (http) or to stream from sources like:

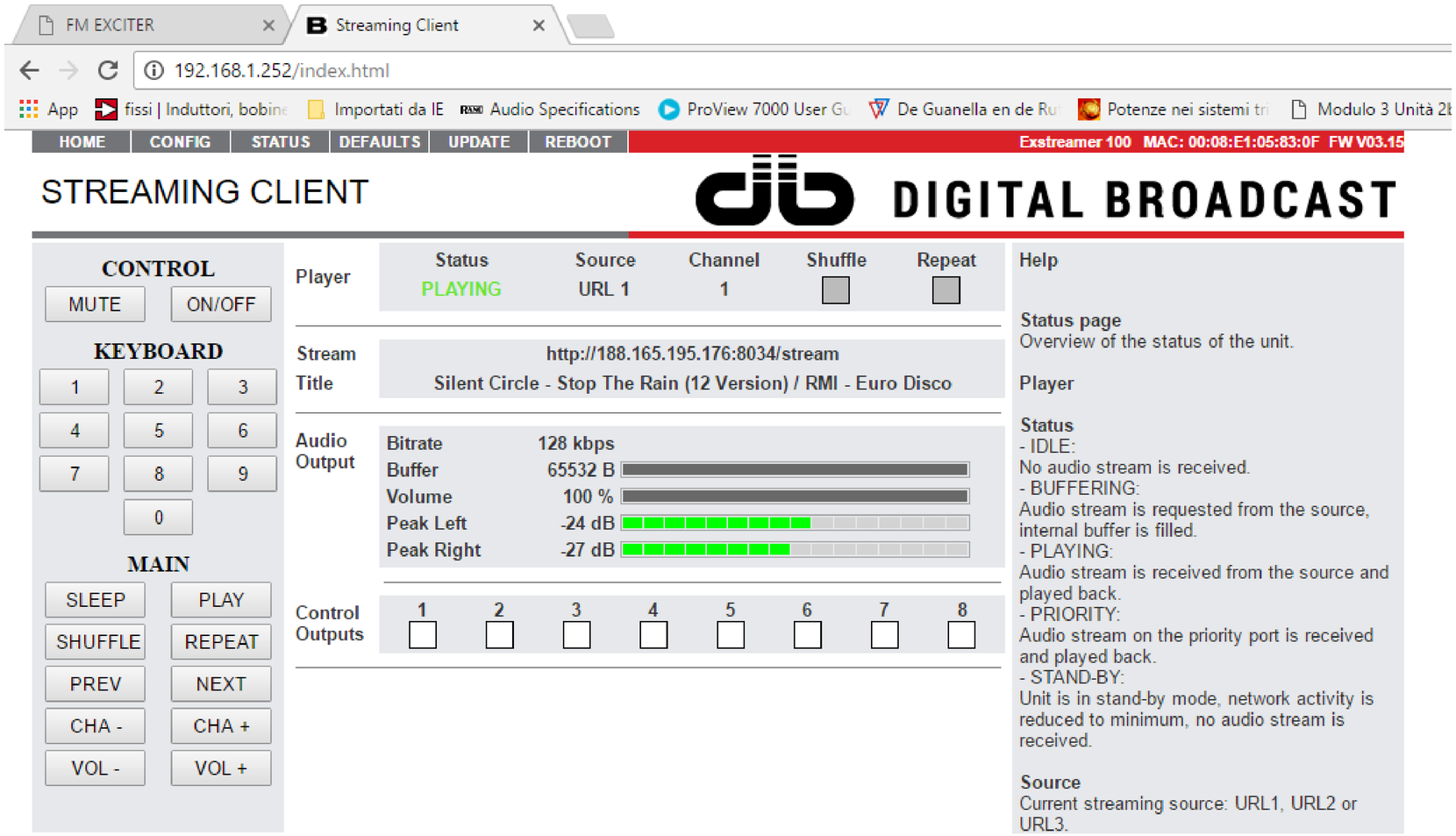
- Shoutcast
- Icecast (Internet radio)
- RTP servers

Automatic failover function is available: in case of missing audio source in input, it is possible to set up to 3 URLs and eventually to play from local USB memory.



AoIP option nr. 1

Graphical control interface is available for an easy setting of all main parameters.



AoIP option nr. 2

The second available AoIP option allows to play a Streaming IP only via Dante Audio over IP, AES67 RTP.

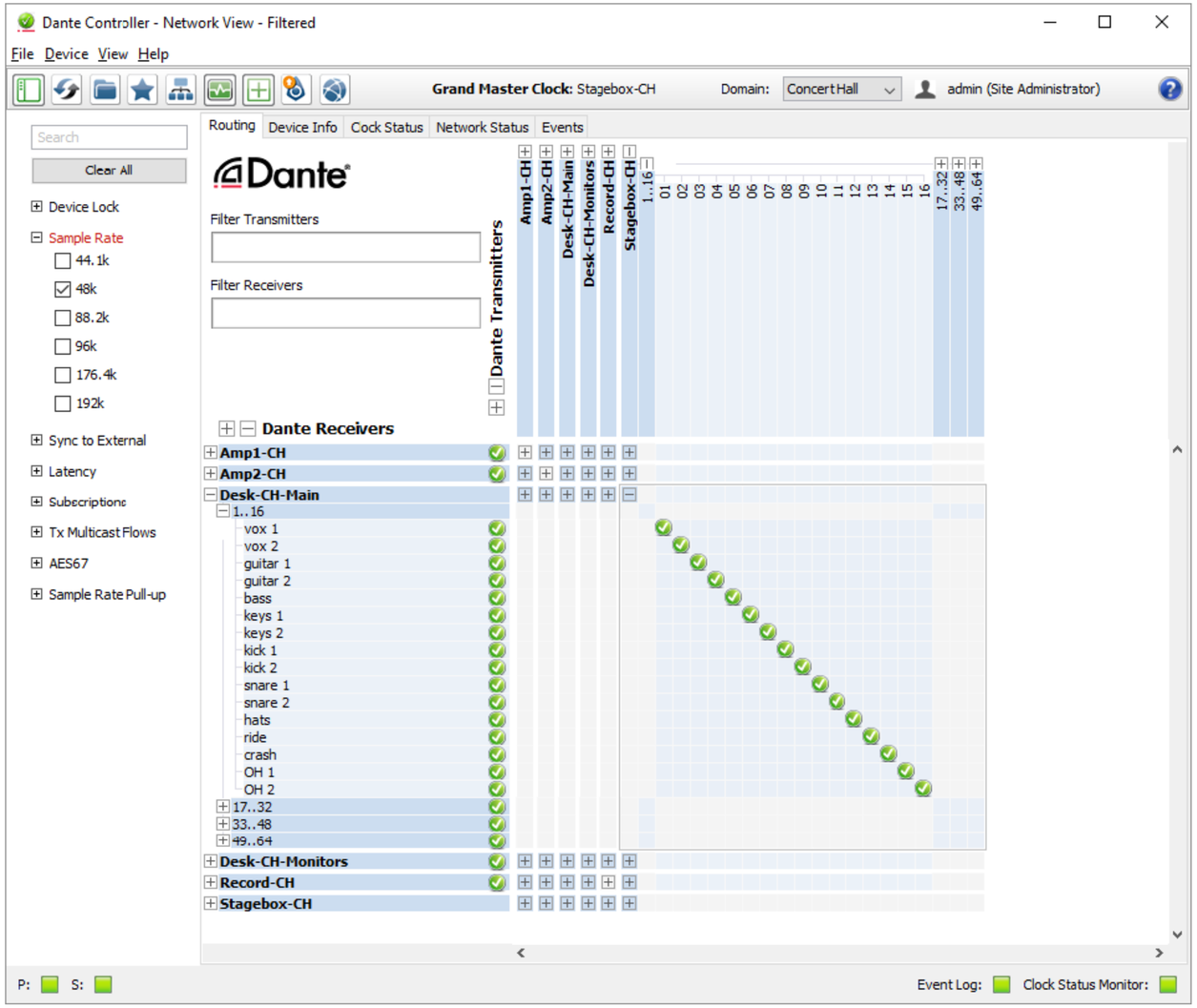
In this way it is possible to route audio around Dante networks.

Dante is an acronym or backronym for **digital audio network through Ethernet** and it is a common, proven protocol that improves on older options, like EtherSound and CobraNet.

In this case the Audio over IP module is supplied by POE.

AoIP option nr. 2

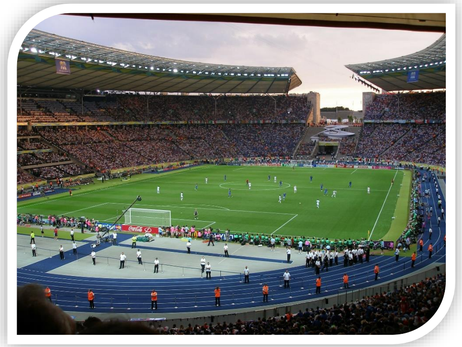
Graphical control interface is available for an easy setting of all main parameters.



Digital pureness of audio

Try the Digital audio from IP source: Mozart transmitters treat not only deep and warm sound from analog inputs but also pureness and high-quality digital audio in an analog transmission mode.

Contact us for more information!



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