

# DXVR

## Digital Audio changeover



### Technical features:

**D**XVR Digital audio changeover silence detection and automatic switcher for L/R balanced analog, digital AES-EBU, MPX and IP-Streaming-USB audio sources

**T**he MPX signal is decoded into L/R channels by a DSP-based stereo decoder which also provide stereo and RDS subcarriers level metering. The MPX source is considered valid only if the PI code matches with the one stored internally.

**T**he user can determine the switching priority of the various sources and the switching timings and thresholds, using the front panel display or with a dedicated software.

**T**he unit include a passive emergency bypass, so that any input will be bypassed on its respective output, in case of hardware or software failure.

- **Analog audio input**

Sampling frequency 48KHz/24bits  
Input level +12/-12dBu  
XLR connectors, electronically balanced

- **Digital audio input**

accepts AES/EBU and SPDIF sample rates from 32 to 96KHz  
XLR connector with balanced transformer.

- **MPX audio input**

0dBu level (2.2Vpp / 775mV RMS 75KHz)  
BNC Connector, impedance 10K ohm

- **Streaming IP audio input**

Formats: AACplus, MP3, Ogg Vorbis, G.711, PCM Decoding  
IP Streaming via TCP, UDP, RTP, Multicast  
USB Flash Memory Interface  
Level +12/-12dBu

- **Audio outputs**

Analog level +12/-12dBu  
Digital level 0/-12dBu  
XLR connector, balanced

- **Headphones output**

1/4" front panel jack  
Output: 100mW RMS over 50 ohm

- **Remote control**

All functions can be managed remotely with an included software.

- **Power supply**

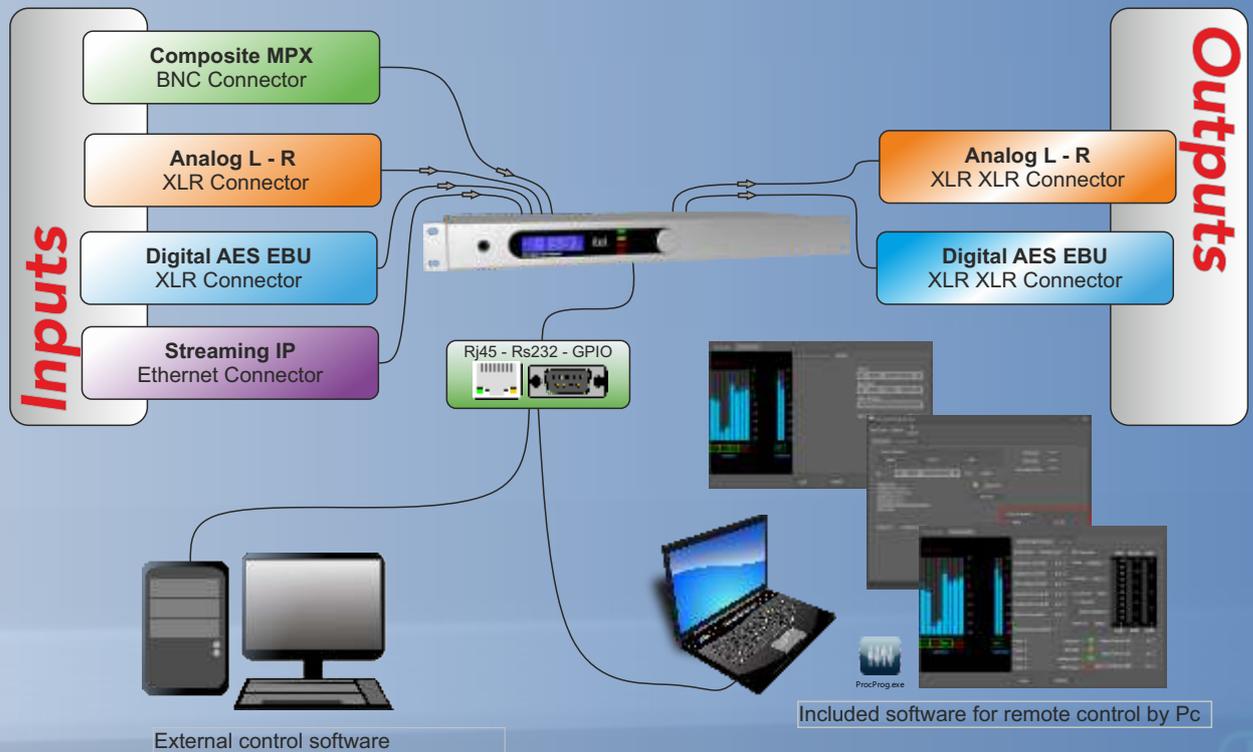
100-240VAC 50/60Hz

- **Physical**

1 x 19" rack unit  
44mm x 483mm x 156mm  
Weight 2Kg

# Control

The unit can operate in fully automatic mode, using timings and thresholds set by the user, or it can be controlled remotely by a PC-based software, through UDP/TCP-IP/RS232. Contact us if you want your special control mode or protocol to be implemented.



## Internal MPX decoder

Precise and reliable stereo and RDS subcarriers metering, peak modulation readout and 19KHz subcarrier frequency error. The incoming PI is always under control, so the MPX input source can be excluded if the PI code does not match the one stored internally.



AUDIO-XVR  
Max Decoder  
Current PI: 0000  
ID: STATION NAME

MPX level : 0.0 KHz  
Pilot carr.: 0.00 KHz  
Pilot error: 0.0 Hz  
RDS carr. : 0.00 KHz

Audio mode: Stereo  
Deemphas: 50u  
RDS PI : 0000

Check PI: OFF Match: 0000  
Ignore Regional: OFF

