DML Audio

All the audio you can bring

Media logging, or Compliance Recording, is the process of capturing audio, usually in low quality format, and preserving the recordings for a large number of days, usually 2 or 3 months. In most countries Compliance Recording is obligatory by law for all radio broadcasters, but it can also be used for advertisement certification, audio quality surveillance, competition monitoring and media rebroadcasting.

DML Audio Main Specs

Archive any logging period 30, 60, 90, 180, 365 days

Single channel and multiple channels configuration

Compatible with WDM audio cards and AoIP drivers (Dante Livewire, ect)

Compatible with FM and AM tuner cards

Ip input in UDP, RTP, RTSP, RTMP, HTTP, Shoutcast, Icecast

Capture sampling 32,44.1 and 48 khz mono or stereo

Continuous 24/7 recording without any sample loss between file

segments

Formats MP1, MP2, MP3, WAV, WMA, AVI (DivX), ASF (Windows media), MPEG1, MPEG2, MP4 (H264 and AAC), FLV with logo on video

Customizable audio bitrates and advanced parameters

Customizable segmentation per file duration (typically 60 min), file size or at midnight

Automatic delete of oldest files when disk space is low

Ip streaming in WMA

Volume adjustment with compressor and AGC

Alarm notification via E-mail and SMS for black video, freeze, no audio, archive length, etc.

Accurate statistics on capture process and datarates

Accurate GPS (receiver optional) Date and Time synchronization

Data security featuring RAID architecture or software mirror, content is preserved in case of disk failure.

Remote system monitoring from any LAN or Internet connected Pc

Easy content export/conversion with Mark-In and Out points.

Flexible transcoding to most of video formats.

Product Technical Specifications

DML Audio Recorder:

non stop Audio logging

DML records audio contents coming from the widest variety of sources (unbalanced, balanced, digital AES/EBU, Dante, Livewire, Antenna, SAT, DVBT, DVBC, ATSC, IP, etc) and stores them on Hard Disk (recordings stay on line depending on hard disks capacity, usually: 30/60/90 days as required by laws in many countries).

DML system is totally maintenance free and oldest recordings are overwritten by the newest ones automatically. Audio format and compression/quality vary according to the archive space and the logging period chosen. Recording quality may be as high as uncompressed wav WAV files. Content is accessible from the DML as well from any networked computer, never stopping the recording.

System status is constantly monitored either locally, thanks to DML-embedded tools, as well as from any networked computer running the DML Monitor free software.

Whenever rising, alarms may be notified via email or SMS.

DML Recorder supports a large variety of video formats, compressions and resolutions, from MP1-2-3 to WAV, but also

many video formats allowing to superimpose a logo on video and take advantage of the overlay datestamp captured onto the video stream, for accurate and tamper proof date time certification.

DML files are standard multimedia files, which can also be played on any ordinary multimedia player. Accurate date and time certification is guaranteed through synchronization to GPS satellites time reference with AxelTech's Sat Time Synchronizer receiver.

DML Recorder status is constantly monitored by auto-diagnostic tools. In case of alarms, the operator is warned via email or SMS.

Monitored parameters: Disk activity / video presence / video freeze / audio presence / instant data-rate / average data-rate / audio stream integrity.

With the free DML Player software, content can be easily edited and downloaded on external media and converted to the most popular audio formats.

DML Player:

content searching, browsing and conversion
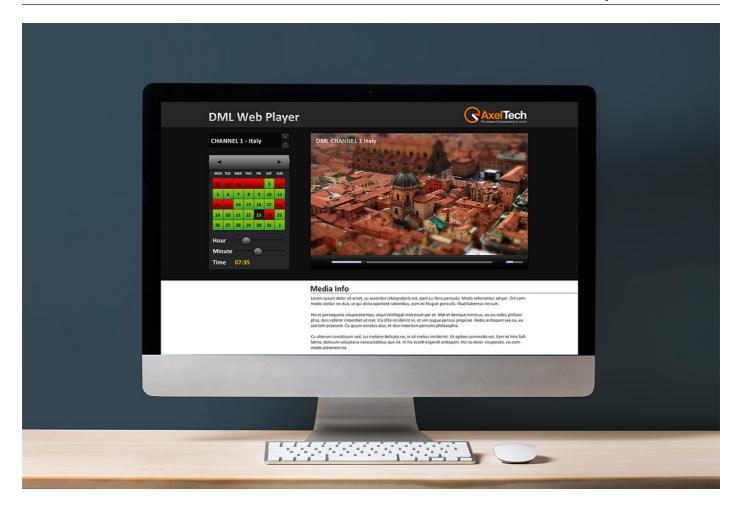
Product Technical Specifications

DML Player is a free software application for real time content browsing from any networked Pc. Exclusive simultaneous multi-channel playback allows accurate audio temporal comparison. The calendar window shows the available recordings. Just 'click' on desired date and time to start playout. Play speed is variable from 0.5x to 16x. Go To date / time function allows direct playback to specific recorded events. Capability to jump to specific date and time using generic automation Log files.

Mark-in & Mark-out tools along with additional basic editing tools allow extraction of audio segments.

Fast export or conversion in native or popular formats to fit all distribution and storage needs.

Mark point positioning is frame-accurate using handy scroll & drag bars, along with keyboard shortcuts.

DML Monitor:
remote monitoring via web

DML Monitor is a free software tool which allows monitoring in real time through LAN and Internet of one or more DML units.

System and recording supervision will be available from anywhere.

DML Monitor displays current video frame for each recorder, together with status info, systems logs, streaming audio and the upcoming of alarms or parameters out of range.

DML Web Viewer:
content searching and
browsing via web

DML Web Viewer is a free server application for real time viewing from any Internet browser and works on windows, linux, mac or any handheld device. The calendar widget shows the available recordings. Just 'click' on desired date and time to start listening. Configuring main router ports allows viewing from internet from any remote location.

of options

DML Copy

DML Copy is an optional software which copies files from multiple DML recorder units to centralized storage systems. In multiple channel systems it is advised to deplay a central storage unit with RAID 5 or 6 redundancy rather then on the single capture units. DML Copy will provide a "slow" and controlled copy service to avoid saturating LAN bandwidth.

Product Technical Specifications

DML Supervisor

Supervisor is an optional software which monitors multiple unit status and connected devices, managing hierarchical alarm levels and notification via email, SMS, fax, etc. Suggested for multichannel environments.

Featuring automatic system recover and emergency intervention (such as spare units activation, audio routing, remote control of audio matrix, asynchronous serial communication and GPI, etc.)

XMAM

XMAM is an optional archiving and catalogue system which provides fast and simple integration with DML allowing perpetual archiving of selected media. XMAM is a Web-based, user focused interface that supports access and processing of digital assets like video, audio, images, documents and presentations. XMAM supports standard web browser navigation without additional client software needed.

Sat Time Synchronizer

STS is the optional antenna receiver and software which allows an extremely accurate synchronization of Pc clock to GPS satellite reference. Recomended for tamper-proof date / time certification.

Complete Multiple channel full Turnkey solutions

AxelTech can provide multiple channels turnkey systems with DML capture units, file servers with redundant storage, LAN infrastructure, KVM switches, completely precabled and configured in **AxelTech**'s laboratories. Monitoring and editing desks are customized according to customer needs allowing coroporate and government organizations to take advantage of a fail proof solution. Local installation, training, baby sitting and after sales support is provided directly by **AxelTech**.

Minimum system requirements

System requirements may vary on number of captured

channels and audio quality.

Intel i-3

8 GB RAM

Win 10

Separate disk partition for each channel

128 GB per 1 channel 90 days 128 kb/s