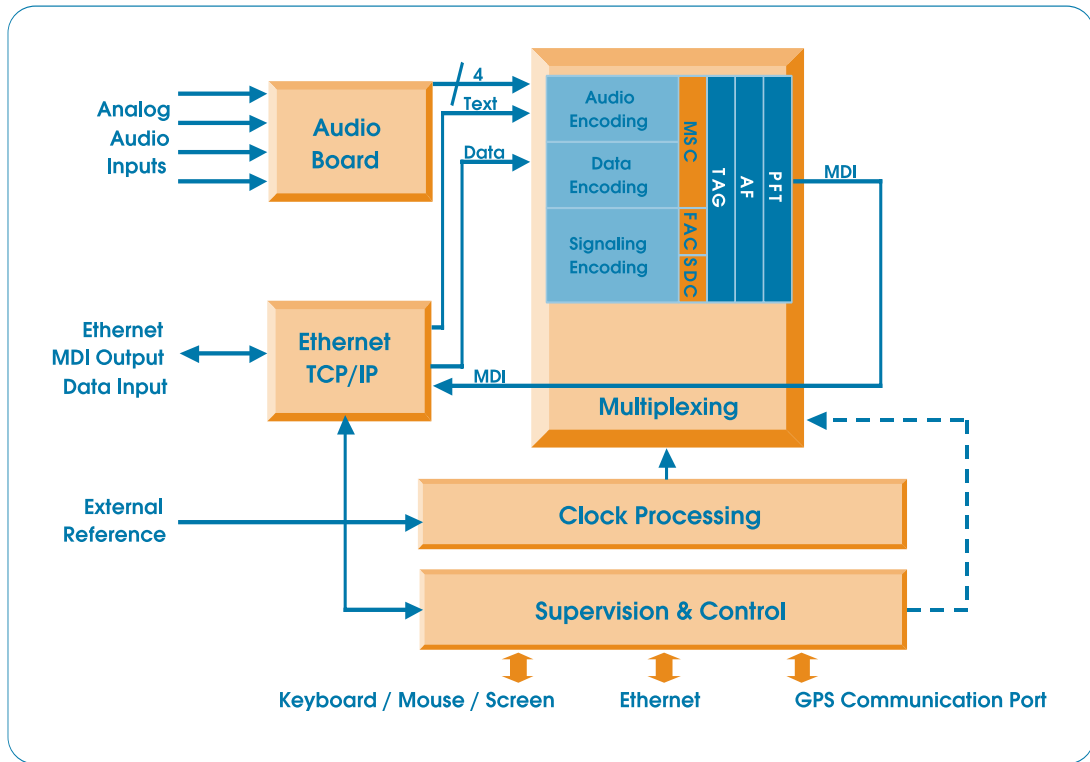


See and listen to the difference with the **CHORUS** Drm product line.

ALTO block diagram



main benefits

- PC based and compact product
- Fully compliant with the DRM standard
- Internal Web server for remote control and set-up
- Alarm reporting through SNMP
- Up to four audio inputs
- Customizable product on request

applications

- DRM audio encoding
- DRM Stream multiplexing
- DRM Text messages insertion
- DRM Multimedia Object Transfer (MOT) Data insertion (Slide Show, Broadcast Web Site)
- DRM IP Tunneling data insertion
- Transparent dynamic reconfiguration
- Single Frequency Network (SFN) capability

ALTO specifications

standard hardware & software features

- 2 x RU industrial PC
- Dual Power Supply 85 to 264VAC - 47 to 63Hz
- RAID 1 hard disk system
- Windows 2000 operating system
- External DIAPASON Drm GPS receiver supplied
- Internal Web Server for remote control by HTTP
- MAESTRO System Manager for building and monitoring a complete DRM architecture supplied
- Internal SNMP agent (MIB supplied) with Trap Notifications possibilities

audio input specifications

- 1 x main analog or digital audio input - Female XLR 600Ω balanced
- 3 x auxiliary analog audio inputs - Female RCA
- Audio encoding standards: AAC, AAC+SBR, CELP and HVXC
- Mono, stereo and parametric stereo modes
- Multiple bit rates 8/12/16/24kHz

input/output specifications

- 1x Ethernet 10/100 Base-T / RJ45 connector for MDI output, Data input and remote control
- 1x External reference input - BNC 75Ω-48kHz

standard DRM features

- Compliant with ES 201 980 standard
- FAC, SDC and MSC Management
- All A, B, C and D modes
- All standard QAM modes (MSC 64 or 16 and SDC 16 or 4)
- Hierarchical symmetrical / Hierarchical mixed constellations and mapping
- Short and long interleaving process
- 4.5/5/9/10/18 and 20kHz channel bandwidths
- From 1/4 to 8/9 - Equal / Unequal coding rate (EEP/UEP)
- Single Frequency Network (SFN) capability
- One audio input only (analog or digital) as standard feature with associated text messages insertion capability

optional DRM features

- Up to four audio inputs
- Data inserter with possible following application examples:
 - Multimedia Object Transfer (MOT) for Slide Show and Broadcast Web Site
 - IP Tunneling system
 - TPEG

on request

- Front Panel, Manager and Control Software customizable (logo, brand-name, color...)
- Specific and/or proprietary data features (adaptation on customer special needs)
- Supply of GPS antenna, GPS antenna mounting kit or GPS antenna lightning protection
- On-site user training & setup
- On-line technical support (access to the DIGIDIA Lounge available on the www.digidia.fr web site)
- Factory or on-site acceptance test