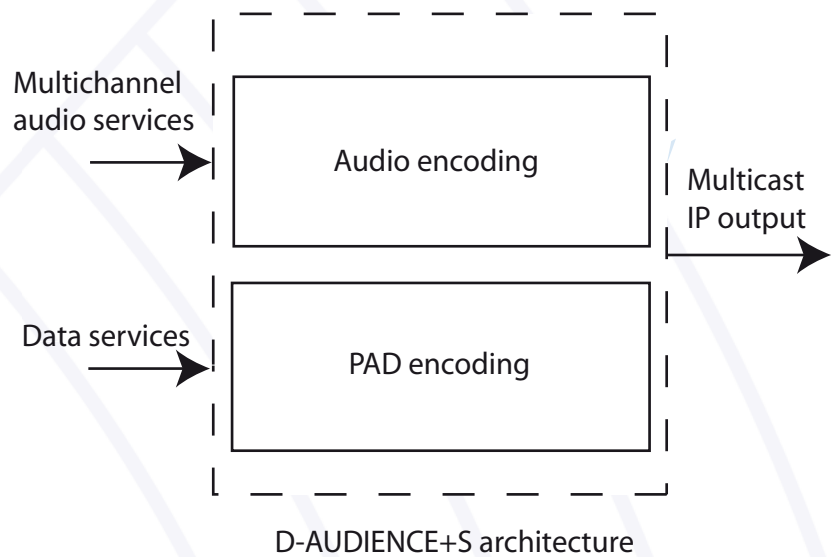


MULTI-SERVICE DAB+ AUDIO ENCODER

- Superior audio quality encoder for DAB+ digital radio services
- DAB+ (HE AAC V2) audio encoding
- Encoding up to 4 stereo channels
- Providing digital or analogue audio input interface



- IP interface for data services
- Software based flexible and economical solution
- Local or remote control



Specifications

KEY FEATURES

- ✓ **Coding Algorithm for DAB⁺**
 - MPEG 4 HE-AAC v2 (SBR and PS mode)
 - Fully compliant DAB TS 102563
- ✓ **Sampling Frequencies DAB⁺**
 - 16kHz - 48kHz
- ✓ **Bit Rates**
 - From 16kbit/s to 192 kbits/s by step of 8 kbits/s
- ✓ **Frequency Range**
 - 20Hz to 20 kHz ± 0.3dB

COMPATIBILITY

- ETSI EN 300 401 v1.4.1 DAB standard
- ETSI TS 102563 DAB+ standard
- ISO/IEC 14496 MPEG format

ENVIRONMENT & MECHANICAL

- ✓ **Temperature Range**
 - +5°C to +50°C
- ✓ **Housing**
 - 19" instrument cabinet, 2U height
- ✓ **MTBF**
 - More than 50,000 hours
- ✓ **MTTR**
 - 30 minutes
- ✓ **Weight**
 - 15 kilos
- ✓ **Dimensions**
 - 88 mm (H) x 483 mm (W) x 269 mm (D)
- ✓ **Power Supply**
 - Mains Voltage : 90-253 VAC (IEC 320 connector)
 - Frequency : 50-60 Hz
 - Power Consumption : Approx.300W

INPUTS

- ✓ **Analogue Input**
 - Input Type : Balanced analogue input (up to 4 inputs)
 - Input Impedance : 10k ohms
 - Max. Input Level : +19dBu
 - Connector : 6.3mm jack stereo, electronically balanced
- ✓ **Digital Input**
 - Input Type : Balanced AES/EBU (up to 4 inputs)
 - Input Impedance : 120 ohms =5% (AES/EBU)
 - Connector : XLR Female

DATA

- ✓ **PAD Interfaces**
 - Input Type : UDP input

CONTROL

- ✓ **Remote Control**
 - Management by IP

OUTPUTS

- ✓ **Interface**
 - DAB⁺ over UDP or RTP



VDL Head office
90 rue Paul Bert - 69446 Lyon Cedex 03
FRANCE - Tel: +33 (0)4 72 84 06 00
Fax: +33 (0)4 72 84 06 01

VDL International Sales & Marketing Office
CityPoint - Temple Gate - Bristol BS1 6PL - UK
Tel: +44 (0)117 373 6260
Fax: +44 (0)117 373 6261