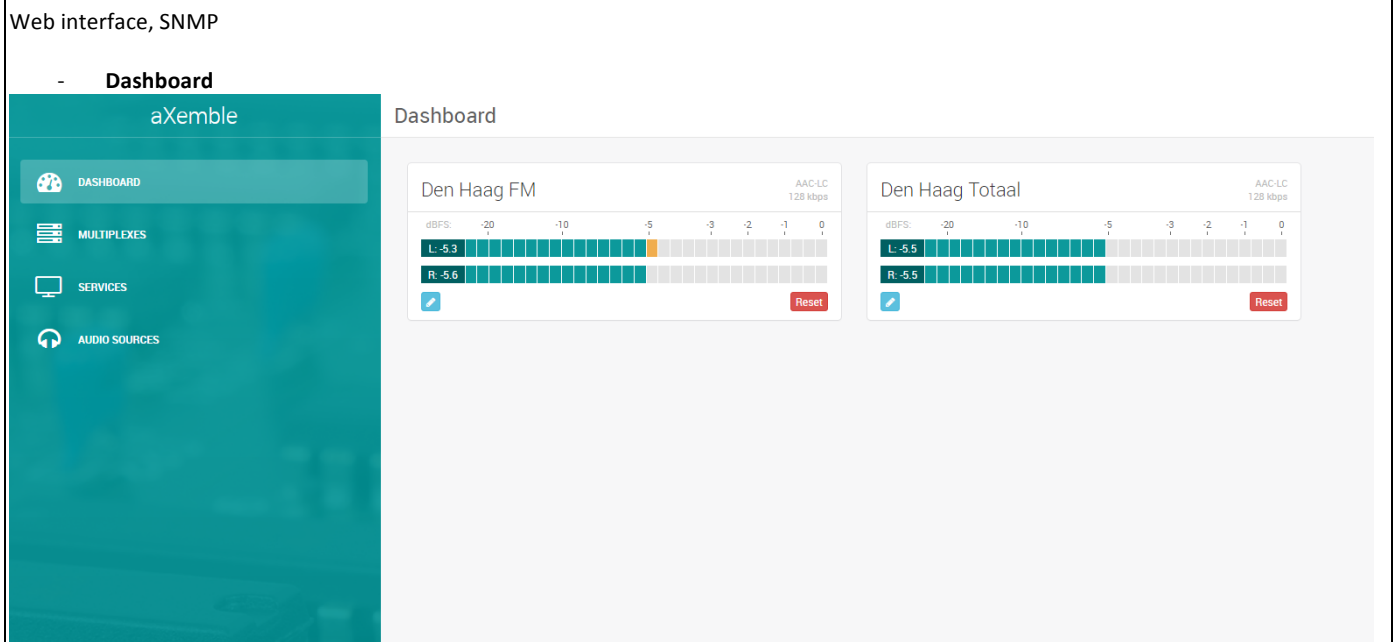


Technical Factsheet aXemble headend (encoder and multiplexer)	
DIGITAL INPUTS	
Input type	AES/EBU, Livewire/AES67, Icecast, Shoutcast, PCM.
Connector	XLR female
Sample rate	32 / 48 kHz
ANALOGUE INPUTS	
Input type	Balanced
Connector	XLR female
Input impedance	> 10 kOhm
Frequency response	20Hz-20kHz
Samplerate	32 / 48 kHz
DATA SERVICES	
DLS (static / dynamic), MOT Slideshow	
REMOTE INPUT (OPTIONAL)	
Input type	Remote aXemble Encoder with above mentioned Digital and Analogue inputs and Data services.
AAC+ BITRATES	
32,40,48,56,64,72,80,88,96,104,112,120,128,136,144,152,160,168,176,184 or 192 kbps	
ERROR LEVEL PROTECTION	
EEP-A , EEP-B	
MAX CAPACITY UNITS	
864 (aXemble provides full ensemble)	
OUTPUTS	
EDI	
EXTERNAL SYNCHRONIZATION INPUT	
Reference	NTP
CONTROL	
Web interface, control and display on frontpanel	
MONITORING	
Web interface, SNMP	

Dashboard



The screenshot shows the aXemble web interface. On the left is a teal sidebar with navigation options: DASHBOARD, MULTIPLEXES, SERVICES, and AUDIO SOURCES. The main content area is titled 'Dashboard' and features two monitoring panels for AAC-LC 128 kbps streams. The first panel, 'Den Haag FM', shows two channels: L with a level of -5.3 dBFS and R with a level of -5.6 dBFS. The second panel, 'Den Haag Totaal', shows two channels: L with a level of -5.5 dBFS and R with a level of -5.5 dBFS. Both panels include a dBFS scale from -20 to 0 and a 'Reset' button.

- Multiplex

aXemble

Multiplexes

Logout Settings

DASHBOARD

MULTIPLEXES

SERVICES

AUDIO SOURCES

Multiplex overview

Add, edit or remove multiplex

NAME	COMMENT	SUBSERVICES		
Den Haag 10D		2	Deactivate	Update

+ New multiplex

Total: 1

- Services

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Services

Logout Settings

DASHBOARD

MULTIPLEXES

SERVICES

AUDIO SOURCES

Service overview

Add, edit or remove services

ID	NAME	SERVICE ID	AUDIO TYPE	AUDIO CODEC	BITRATE	PROTECTION	AUDIO SOURCE		
1	Den Haag FM	8072	Stereo/48kHz	AAC-LC	128 kbps	EEP 3-A	Den Haag FM	On-air	
2	Den Haag Totaal	8045	Stereo/48kHz	AAC-LC	128 kbps	EEP 3-A	Den Haag Totaal	On-air	

+ New service

Total services: 2

SUPPORT

Remote support and updates (device can connect to Broadcast Partners on user request.)

POWER SUPPLY

Mains voltage	100-240 VAC
Frequency	48-64 Hz
Power consumption	20W
Redundancy	2x power supply

STANDARDS

DAB+ (ETS 102 563)
EDI