

DIGITAL SILENCE MONITOR WITH MP3 AND IP AUDIO BACKUP PLAYERS

DEVA's DB8008 is a flexible and reliable tool, designed by our engineers specifically with the aim of solving one of the most significant problems in the radio industry – the one of radio silence. DEVA's smart and highly practical solution detects signal loss and immediately switches the output to one of two alternative built-in backup players – MP3 or IP Audio. As an additional advantage, it also allows for easy integration into the existing setups of a single station and large radio networks alike.

The MP3 backup audio files and playlists can be uploaded to the device using any FTP client, making this model not only efficient but also easy to use. The audio storage capacity of the unit is an impressive 2GB for over 24 hours of audio playback without repetition. Moreover, the backup sources priority is selected by users themselves.

The DB8008 features a fully DSP-based core, professional AES/EBU digital audio inputs and outputs, and additionally allows for TCP/IP remote monitoring and control via SNMP and the WEB Interface, which means that the device can also be used for local content or regional advertisement spots. Another option provided by the model is the alert notifications via email, SNMP or analog opto-coupled outputs in case of signal loss.

Developed to provide users with a tool for an infallible and constant audio feed, the DB8008 is trademark DEVA device offering a simple and subtle solution to the problem of radio silence.



FEATURES

- Consumer S/PDIF Digital audio inputs and output on Optical and Coaxial connectors
- Configuration and Monitoring via SNMP, WEB, Front Panel LCD and Keyboard
- Headphones Jack on the front panel for local monitoring of the Audio Signal
- Professional Balanced Stereo analog inputs and outputs on XLR connectors
- Professional AES/EBU Digital audio inputs and output on XLR connectors
- TCP/IP Remote monitoring and control via SNMP and WEB Interface
- Alert Notifications via E-mail, SNMP, Analog opto-coupled Outputs
- Lots of Storage for over 24 hours of non-repeating audio playback
- Always Fresh Backup Audio Tracks with Embedded FTP server
- Wide Range Internal Power Supply 100-240VAC 50-60Hz
- Professional 19 inches, 1U aluminum rack mount chassis
- Intelligent Silence Detector and Backup Audio Switcher
- 2 Years Warranty
- Built-in MP3 Player
- Fully DSP based core
- Variety of Audio Sources
- Easy installation and operation
- External or internal Digital clock sync
- Protected access to the device settings
- Digital Volume Control of all Audio Sources
- UPnP for easy discovery in Local Networks
- User selectable backup audio sources priority
- Remote Firmware Upgrade for future-proof operation
- Multiformat IP Audio Stream (three separate sources)

SPECIFICATIONS

Main / Aux Analog Audio Inputs

Connectors	Balanced XLR
Impedance	600 Ω or high impedance
Level	2 ranges: 0 dBu or +12 dBu Jumper selectable, with software adjustments
Dynamic range	>80dB
Digital Gain Adjust	-10db to +10dB

Main / Aux Digital Audio Inputs

Connectors	Balanced XLR, Coaxial, Optical
Sample Rates	32, 44.1, 48 and 96 kHz
Digital Gain Adjust	-10db to +10dB

Phones Audio Output

Connector	1/4" (6.3mm) jack, stereo
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IP Audio Source

Number of Streams	1 main and 2 alternative streams with auto-switch on failure
Stream Clients	shoutcast, icecast
Stream Formats	PCM, MPEG1 Layer 3 (MP3), HE-AAC (v.1 and v.2); all at 32, 44.1, 48kHz only
Bit Rates	All standard bit rates, including VBR
Number of Channels	Mono, Stereo
Buffer Size Adjust	5Kb to 64Kb
Digital Gain Adjust	-10db to +10dB

Built-In MP3 Player

Storage Capacity	2Gb on SD Card
Supported encoders	HE-AAC (v.1 and v.2), MPEG-1 Layer 3
MP3 bit rates	32-320 kbps and VBR
Sample rates	All specified by MPEG1 L1/L2/L3 (32, 44.1 and 48kHz)
Supported file types	*.MP3, *.AAC, *.M4A, *.M3U
Playback modes	Alphabetical ascending and descending, Shuffle, Playlist and Shuffled Playlist
Remote file management	Build-in FTP server
Digital Gain Adjust	-10db to +10dB

Analog Audio Output

Connectors	Balanced XLR
Frequency response	± 0.5 dB, 5Hz-20kHz
Distortion	<0.01% THD+N
Level	+12dBu, user selectable
Dynamic range	>80dB
Digital Gain Adjust	-10db to +10dB

Digital Audio Outputs

Connectors	Balanced XLR, Coaxial, Optical
Sample Rates	32, 44.1, 48 kHz
Digital Gain Adjust	-10db to +10dB

Silence Detector

Threshold	Adjustable from -40dBfs to -5dBfs
Trigger time	10-250 sec

User Interface

Indicators	5 LEDs on front, 2 LEDs on rear panel
Web interface	control, configuration and status
SNMP interface	control, configuration and status
Front Panel	LCD with Keyboard

Network

Connector	RJ-45
Device Discovery	UPnP support

Operating conditions

Temperature	10°C - 45°C
Humidity	< 75%, non-condensing

Size and Weight

Dimension (WxHxD)	1U, 19"x1.7"x6.9", 483x45x160 mm
Weight	8 lbs, 3kg

Power Requirements

Power supply	115/230V AC (internal switch), 18VA
Connector	IEC320, rear panel

NO MORE DEAD AIR !!!
Just install your DB8008 and
forget the worst nightmares ...



WE NEVER SPARE EFFORTS AND RESOURCES TO TURN OUR IDEAS INTO SUCCESSFUL PRODUCTS