

## SILENCE MONITOR & BACKUP AUDIO PLAYER

The best device to fight the dreaded dead air problem is the DB8008 from Deva Broadcast Ltd. It is designed and built to be simple, flexible, reliable and easy for integration with the existing setups of any single station to a large radio networks. The basic principle of DB8008 is that this unit can detect the silence and switch the output to some of the alternative sources.

The MP3 backup audio files and play lists can be uploaded in the DB8008 from your PC using any FTP client. The audio storage capacity of DB8008 is 2 Giga Bytes.

The DB8008 provides additional security in case of loss of audio at the inputs. The audio backup is presented as an integrated auxiliary audio input for external program's backup audio source, IP Stream and built-in MP3 audio player.

The unit has SNMP and WEB remote control features. Through this feature the DB8008 can be used for local content or regional advertisement spots insertion.



## 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 Ohm 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

IP Audio Source	
Number of Streams	1 main and 2 alternative streams with auto-switch on failure
Stream Clients	shoutcast, icecast
Stream Formats	PCM (32, 44.1, 48kHz), MPEG1 Layer 3 (MP3), HE-AAC (v.1 and v.2)
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); MPEG2 L1/L2/L3 (16kHz, 22.05kHz and 24kHz) and MPEG2.5 L3 (8kHz, 11.025kHz, and 12kHz)
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	±0.5dB, 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