

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 |

| 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 | \pm 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