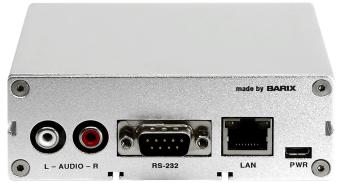# BARIX

Exstreamer Store&Play

IP Audio decoder with USB and microSD storage interfaces.

The Exstreamer Store&Play automatically downloads audio tracks and playlists via IP networks and schedules the playback of the received audio files. Supported by an application specific firmware, this product is designed to be used for In-Store background music and ad insertion, as well as for other use cases that require the playback of scheduled items without relying on a live Internet radio stream. The Exstreamer Store&Play can also be used for decoding live HTTP/RTP audio streams whenever the network connectivity allows it.

Applications

- Background music in Retail and Hospitality environments
- Localized and dynamic Ad insertion/suppression
- Company branded music
- Scheduled audio file playback

Features

- Playback of MP3 live audio streams (HTTP or RTP)
- MP3 and AAC+ audio file playback
- Stereo Line Level Output
- Serial interface
- USB 2.0 Interface
- Internal 8GB microSD storage capability
- Embedded Real Time Clock
- Low Power consumption

For commercial related questions (distributors contacts, price list, business opportunities) please contact: sales@barix.com

For technical inquiries (problem reports, request for documentation, etc.) please contact: support@barix.com

Technical Specifications

Electrical

- Power Supply 5VDC, 2 Watt max.
- Standard 'Micro-B' USB connector

Ethernet

- 10/100Mbps Auto-negotiation, Auto MDI-X
- RJ-45 connector with integrated Link/Activity LED
- Protocols: TCP/IP, FTP, HTTP, RTP, DHCP
- Web User Interface for remote control, status and configuration

Analog Output

- Line level output, 40..60 Ohm impedance on RCA and 1/8" headphone jack
- Output level software controllable
- Full scale output voltage: 5.6 dBu, 4 Vpp into 600 Ohm load
- Frequency response (-3dB) 20Hz ... 20kHz *
- Signal to Noise Ratio -92 dB *
- Total harmonic distortion (THD) <0.01% *
- Dynamic range 92dB *
- Stereo crosstalk -91dB @ 1kHz *

Audio formats

- MP3 CBR/VBR, up to 320 kbps, 8..48 kHz sample freq.
- AAC+ (for audio files only, not for streams)

RS-232 Interface

- Male 9-pin Sub-D connector
- up to 115'200 Baud asynchronous
- 5 VDC supply output for external device (100 mA max.)

Miscellaneous

- Green and red LED for status display
- Button for reboot and reset factory defaults
- USB 2.0 interface (for optional storage)

Mechanical

- Aluminum case, 250g
- Rack and wall mountable using accessories

Dimensions (W x H x D)

- 108x38x78.7mm (4.25x1.5x3.1 inch)

MTBF (Calculated acc. MIL217F at 25°C environment ground fix)

- Exstreamer Store&Play : min. 500 000h

* using MP3 @48kHz sample rate, 320 kbps

Environmental

Operating Environment
0 to +40°C / 32 to 104°F
0 - 70% relative humidity, non-condensing

Storage Conditions
0 to +70°C / 32 to 158°F
0 - 70% relative humidity, non-condensing

Certifications

CE, RoHS, others in examination

Immunity
according to EN 55024, EN 61000-6-2

Emissions
according to EN 55022, EN 6100-3-2, -3-3

Product Safety
according to EN 60590

Ordering Information

Package
2014.9158 Exstreamer Store&Play 8GB EU package
2014.9159 Exstreamer Store&Play 8GB US package
2014.9160 Exstreamer Store&Play 8GB UK package
2014.9161 Exstreamer Store&Play 8GB NoPSU package
2014.9175 Exstreamer Store&Play S 8GB EU package
2015.9176 Exstreamer Store&Play S Streamalot 8GB EU package
2015.9177 Exstreamer Store&Play S 8GB US package
2015.9178 Exstreamer Store&Play S 8GB UK package
2015.9179 Exstreamer Store&Play S 8GB NoPSU package

Device
2014.8081 Exstreamer Store&Play 8GB

Accessories
2006.9072 Wall Mounting Bracket
2007.9082 Barix 19'' Rack mount
2006.9054 Cable Set Audio

Direct Link