

BARIX

Exstreamer Soundscape

Managed IP network audio Decoder with microSD storage, display and keypad



The Exstreamer SoundScape is an audio player that supports playback of Playlists, Adverts and live Streams. Audio content is scheduled from the SoundScape Portal - a central cloud-based management platform that is also used to monitor and configure the player devices.

This product is designed for Business Music applications that demand high flexibility and reliability in scheduling, monitoring and reporting of audio playback and is especially suitable for Content Providers who manage audio content distribution for clients worldwide.

Applications

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

Features

- MP3 and AAC+ decoding
- Plays Adverts, Playlists and HTTP Streams
- Stereo Line Level Output
- Internal microSD storage capability
- Embedded Real-Time Clock
- Local web UI
- Display and keypad
- Serial and USB 2.0 interfaces
- 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, DHCP
- Web User Interface for remote control, status and troubleshooting

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

Audio formats

- MP3 codec
 - MP3 files (MPEG version 1, 2 and 2.5 layer III)
 - CBR, VBR and ABR
 - 8 to 320 kbps
 - 8 to 48 kHz sample frequency
- AAC and AAC+ codecs
 - AAC, MP4 and M4A audio file extensions
 - Main Profile, AAC-LC, AAC-HE v1 and v2
 - CBR and VBR
 - Up to 576 kbps
 - DRC (Dynamic Range Control)
- HTTP Streams
 - Icecast and SHOUTcast streams

Miscellaneous

- Retro-illuminated display with 2 lines/16 chars and keypad with 5 buttons
- RESET button for reboot and reset factory defaults

Mechanical

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

Dimensions (W x H x D)

- W x H x D: 108x38x78.7mm (4.25x1.5x3.1 inch)

Declarations of conformity

- RoHS, FCC, CE, C-Tick

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

- Exstreamer SoundScape: min. 500'000h

* using MP3 @48kHz sample rate, 320 kbps

Environmental

Operating Environment

0 to +40°C / 32 to 104°F

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

- 2015.9180 Exstreamer SoundScape Display+Keypad 8GB EU Package
- 2015.9181 Exstreamer SoundScape Display+Keypad 8GB US Package
- 2015.9182 Exstreamer SoundScape Display+Keypad 8GB UK Package
- 2015.9183 Exstreamer SoundScape Display+Keypad 8GB NoPSU Package

Accessories

- 2006.9072 Wall Mounting Bracket
- 2007.9082 Barix 19" Rack mount
- 2006.9054 Cable Set Audio

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Direct Link