



# EXSTREAMER

## 110

### Advanced multiformat network audio decoder



Decodes AAC+, MP3, OggVorbis, G.711 and PCM streams (http, UDP, RTP) from PC, web, Shoutcast, Icecast and RTP servers with automatic failover and USB playback

Plays AAC+, MP3, OggVorbis, WMA, G.711 and PCM files from server or local memory stick

Backlit LCD with 32 characters showing status and metadata information

10/100 Mbit Ethernet connection

Configuration & control via web browser, IR remote control and Ethernet API (CGI)

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## Technical Specifications

### Audio Formats:

AAC+, MP3 up to 320 kBit fixed & variable bit rates, Ogg Vorbis (floor 1), WMA, G.711 (uLaw/aLaw @ 8 to 48 kHz), PCM (16 bit @ 8 to 48 kHz)

### Audio Interfaces:

Stereo RCA, 3.5 mm Headphone Jack, both 4 Vpp max (8 Vpp in bridge output mode), bass and treble adjustable by browser

### Network Interface:

RJ45 10/100 Mbit Ethernet (Auto), TCP/IP, UDP, RTP, DHCP, SNMP, AutoIP, SonicIP, IPzator

### Control Interfaces:

IR Remote control  
2 x 16 char LCD (backlit)  
RS-232 DSub 9 pin male, 300..115200 Baud  
1 relay (NO) 24 V 0.5 A on RS-232 connector

### Misc:

Reset/channel selection/factory default button  
USB 1.1 interface for memory use (up to 4 GB, FAT 12 or FAT 16 formatted)

### Power requirements:

9 to 30 VDC / 12 to 24 VAC, 6 Watt max.  
power supply included (250 g)

### Case:

Aluminium, 250 g,  
108 mm x 38 mm x 78.7 mm  
(4.25" x 1.5" x 3.1")

### Operating temperature / humidity:

0 - 40 °Celsius / 32 - 104 Deg. Fahrenheit  
0 - 70% relative humidity, noncondensing

### Certifications:

FCC B, CE B,  
RoHS compliant (lead free)

### User Interface:

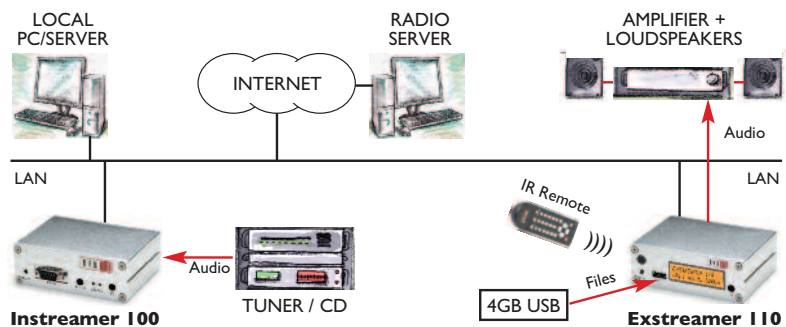
LCD, IR Remote control, Ethernet control  
API (CGI) for automation systems, integrated  
web server for control and configuration

## Overview

Do you want to play music throughout your hotel, or have your own brand radio station playing throughout your chain?

The Barix Exstreamer 110 enables robust, low cost, low power audio distribution systems to be built using LAN, WAN or the Internet: PC Free. The device can be controlled using the included remote control, by web browser through its built-in web UI, or by Ethernet APIs. The Exstreamer 110 can play AAC+, MP3, Ogg Vorbis, WMA, G.711 and PCM audio files and streams.

With the preloaded Streaming Client firmware the device can play audio files from a PC or web server, as well as streams from sources such as Shoutcast, Icecast (Internet radio) and from RTP servers such as the Barix Instreamer 100. The device's display shows the track, or radio channel information extracted from the metadata. If the primary network stream fails, the Exstreamer 110 can automatically failover to playing from a backup stream and, in the event that this stream fails as well, the Exstreamer 110 can automatically start playing files from a local USB stick. While the Exstreamer 110 is in the failover state, it will continually try to reconnect to the primary source.



## Common Applications

- Streaming internet radio in bars and clubs
- Providing radio channels in hotel rooms
- Playback point in an IP PA system
- Instore audio distribution
- Playing audio from a PC, a jukebox application, or from flash memory
- Commercial audio streaming applications

The Exstreamer 110 also has a relay output, making control of an external device possible. Like all Barix products, the Exstreamer 110 is user programmable via the ABCL platform, which enables the unit's operation to be modified to fit non-standard requirements.

For further information please visit [www.barix.com](http://www.barix.com)