

BARIX

Exstreamer 200-205

IP Audio decoder with S/PDIF and 2x25W amplified output, USB/MicroSD. Support of Internet Radio (AACplus, MP3, Shoutcast/Icecast HTTP streaming) and VoIP (SIP, RTP) codecs and protocols.



The Exstreamer 20x devices manage and decode IP Audio streams and content, playing out the decoded audio through a built-in amplifier and S/PDIF.

Software Applications written for the device support a large number of protocols and audio formats.

Depending on the firmware/application, they use the external content storage (MicroSD/USB), the IR receiver, serial port and the audio line-in (Exstreamer205 only) to enable the function of the interfaces in a variety of applications, being it Broadcast, VoIP, Message storage and playout or as an IR controlled zone audio receiver/amplifier with local input.

Applications for Exstreamer

- Instore Audio Player
- Multiroom IP Audio System Receiver
- Generic VoIP decoder for IP Paging and Announcement applications
- Internet Radio Receiver
- Commercial Audio Streaming Applications
- SIP and Ip Paging Zone Device
- Digital Annunciator, Message Player,
- Message Repeater

Features

- AACplus, MP3, Ogg Vorbis, G.711, PCM Decoding
- IP Streaming via TCP, UDP, RTP, Multicast
- Amplified Output 2x25W (8 Ohm)
- Stereo headphone mini jack
- Digital Optical Out (S/PDIF)
- RS-232 Serial Port
- USB/microSD Flash Memory Interface
- IR Interface
- Audio line-in (Exstreamer205 only)
- Supply Voltage 24 VDC

Technical Specifications

Electrical

- Supply Voltage 24 VDC, 70 W max.
- 2.1mm barrel connector

Ethernet

- 10/100Mbps Auto-negotiation
- RJ-45 connector with integrated Link/Activity LED
- Protocols: TCP/IP, UDP, RTP, SIP, DHCP, SNMP, Multicast capable, webserver for control, status and configuration

Analog Output

- 2 x 25 W (RMS @ 8 Ohm) speaker outputs
- Headphone mini jack (3.5 mm, 1/8 inch)
- S/PDIF out (optical)
- Output level software controllable
- Frequency response (-3 dB) 19 Hz .. 20 kHz *
- Signal to Noise Ratio 94 dB *, THD <0.05% *

* depends on used codec, best results 48kHz PCM

Audio formats

- MP3 CBR/VBR, up to 320 kbps, 8..48 kHz sample freq.
- AAC-HE (AAC, AAC plus, AAC plus V2)
- Ogg Vorbis
- WMA (up to version 9)
- PCM (L16, uLaw, aLaw), 8..48 kHz sample freq.
- G.711

IR Interface

- Aluminum case, 280g
- Built-in IR receiver, IR remote control included
- Optional external IR receiver via serial port (IR Kit)

RS-232 Interfaces

- Male 9-pin Sub-D connector
- 300..230'400 Baud asynchron., tunneling or local control
- 12 VDC supply output for external device (100 mA max.)

Miscellaneous

- Green and red LED for status display
- Reset button for reset and factory defaults

Mechanical

- Aluminum case, 460g
- Rack and wall mountable using accessories

Dimensions

- W x H x D: 108 x 38 x 125 mm (4.25 x 1.5 x 4.92 inch)

MTBF (Calculated acc. MIL217F at 25°C)

- Exstreamer 200 min. 460 000h
- Exstreamer 205 min. 410 000h

Model comparison

- Model 200: USB memory slot
- Model 205: microSD memory slot, Stereo Line in

Environmental

Operating Environment

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

Storage Conditions

0 to +85°C / 32 to 185°F
0 - 70% relative humidity,
non-condensing

Certifications

CE, RoHS, others in examination

Immunity

according to EN 55024

Emissions

according to EN 55022

Product Safety

according to EN 60590

Ordering Information

2006.9055 Exstreamer 200 EU/US package
2011.9113P Exstreamer 205 EU/US package
2006.9054 Cable Set Audio
2003.9017 IR Kit (Receiver + Remote)
2007.9082 Barix 19" Rack mount
2014.0095 VSC Active Adapter
2008.9091 X8 Extension

Barix AG

Limmatstrasse 21, 8005 Zürich, Switzerland
Phone: +41 434 33 22 11
www.barix.com



© Barix AG 2021, all rights reserved. All information is subject to change without notice.
All mentioned trademarks belong to their respective owners and are used for reference only. Product Sheet V4.1

[Direct Link](#)



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