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# IP Audio Client
# Supercharged!

**Webinar Sept. 27th 2022**

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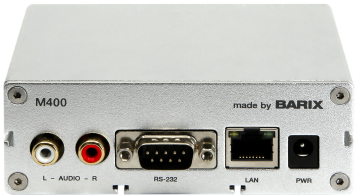
# Agenda

- IPAC Family
- Scheduler
- RTP Forwarding
- Equalizer
- API
- Industry and Use Case
- Where to find information

# IPAC FAMILY




**Exstreamer M400**

IP Audio Decoder with stereo line level audio output on RCA connectors

**Exstreamer MPA400**

IP Audio Decoder, PoE or externally powered with up to 40W amplified output on screw terminal block to drive loudspeakers

**IP Former TPA400**

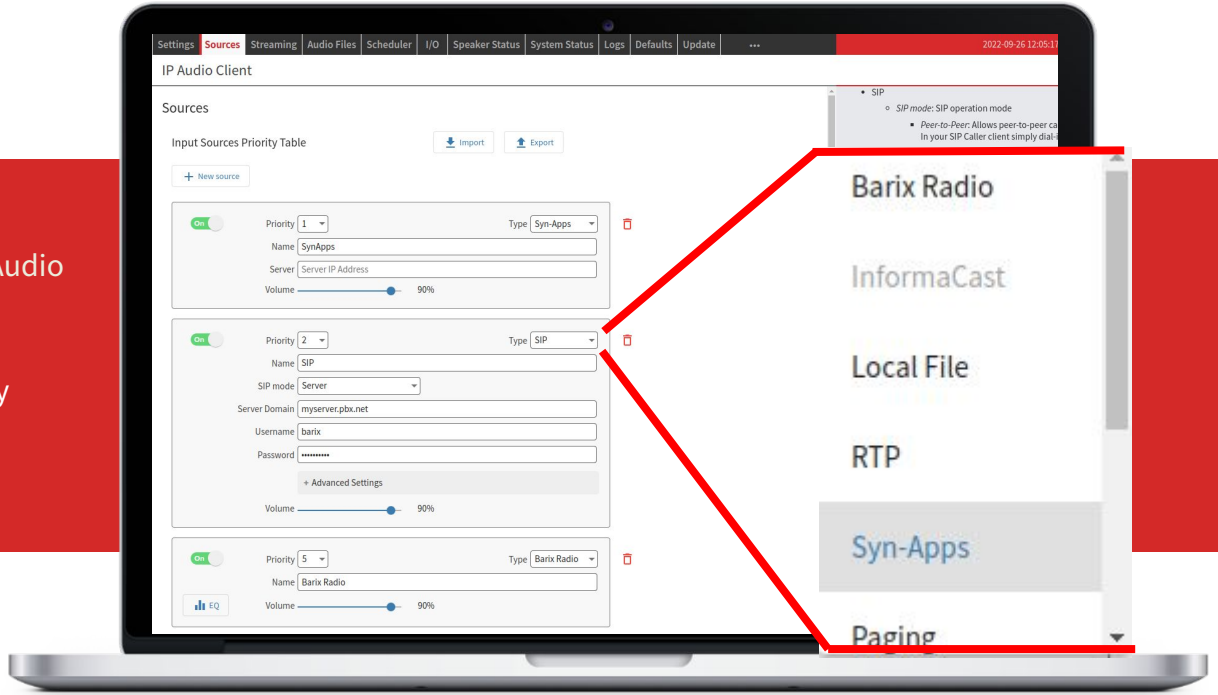
IP Audio Decoder, PoE powered with up to 6W amplified output on screw terminal block to drive loudspeakers

# IPAC FAMILY

## IP Audio Client

At the core of every IPAC device there is IP Audio Client  firmware

- Secure
- User Friendly
- Feature Rich



IPAC Version 2.9

# New Features

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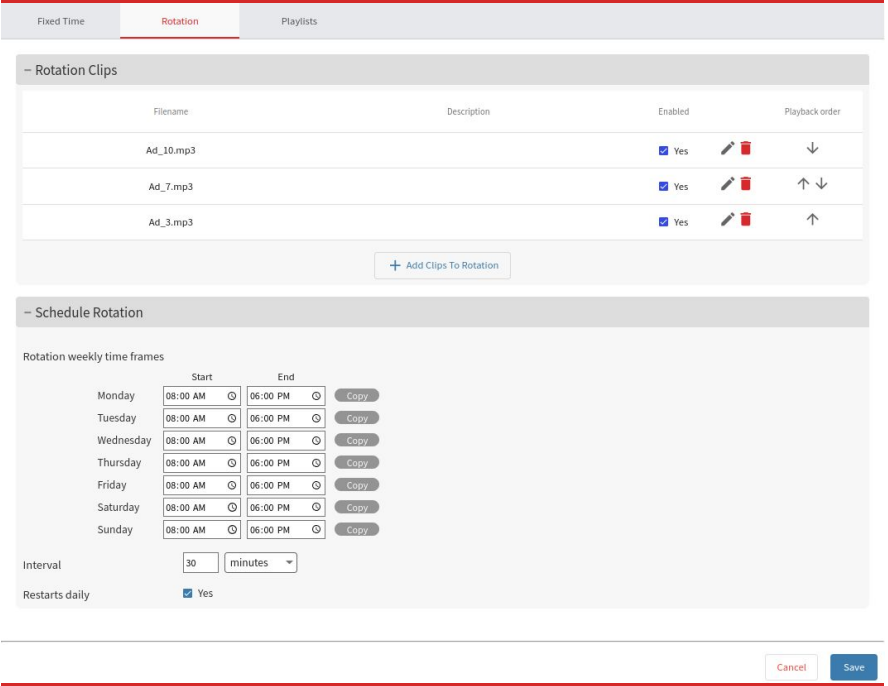
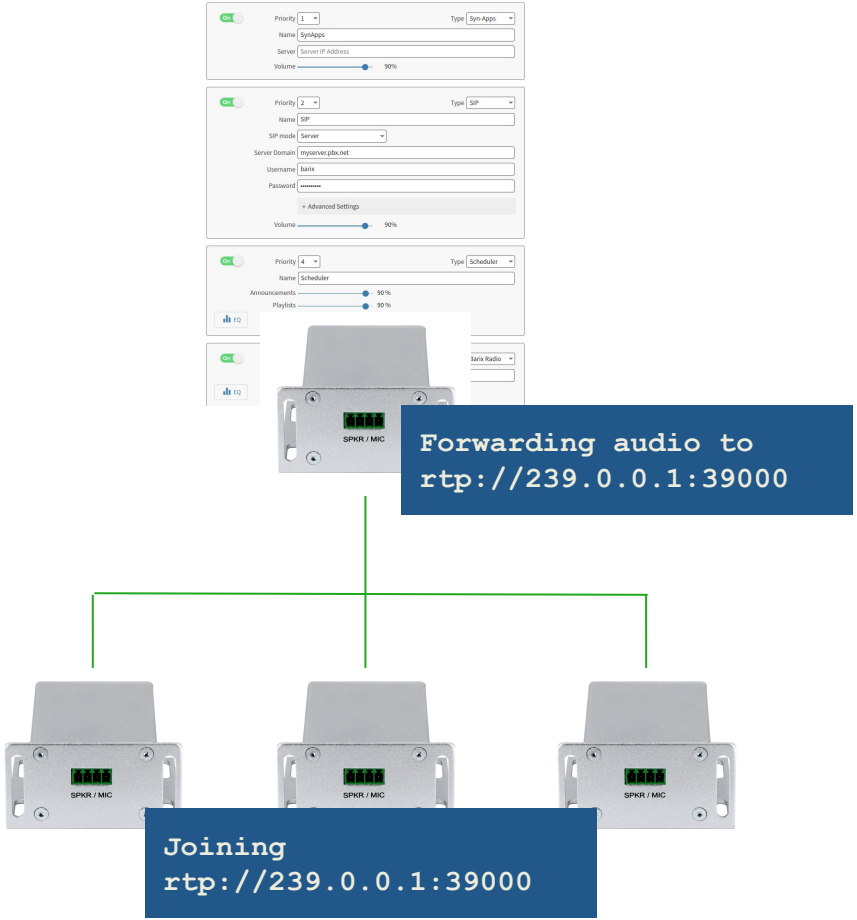
# SCHEDULER

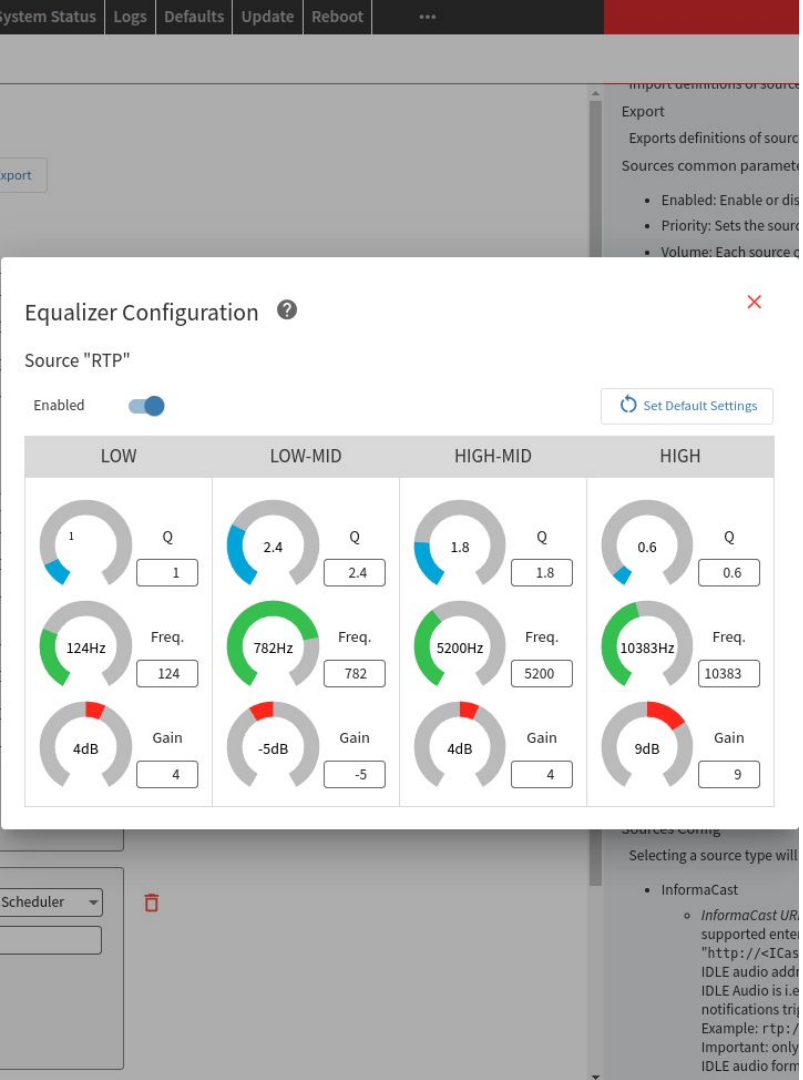



- 3 schedulers:
  - Fixed Time Announcement
  - Rotation
  - Playlist
- Scheduler is a source
- Audio Files management improved to accommodate the new functionality



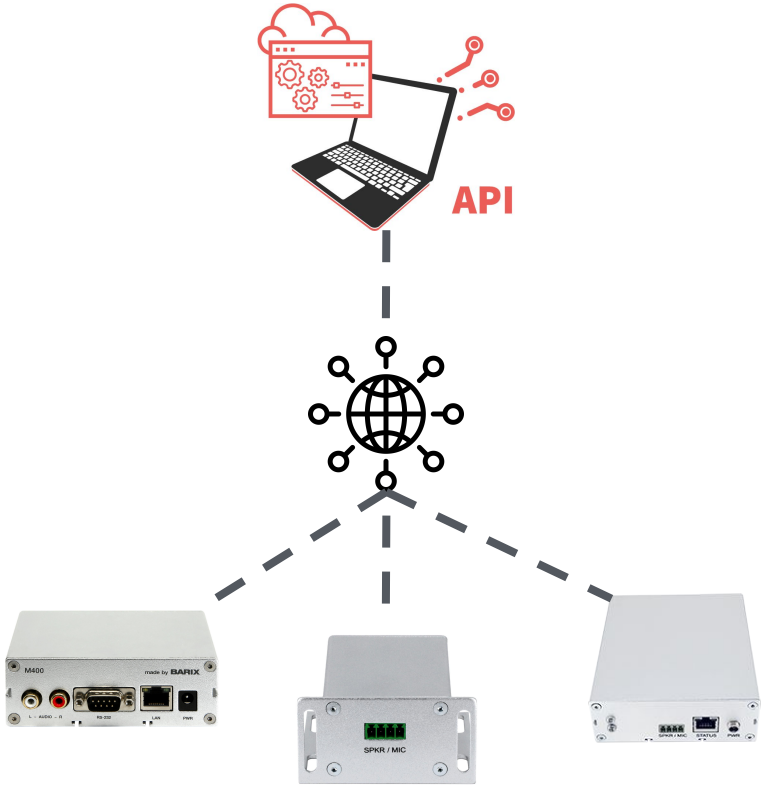

# RTP FORWARDING

- Stream the main out of one IPAC device to a target destination over RTP Multicast
- Transcoding feature
- Regular or Low Latency streaming mode
- The “sending” device continues to play on its analog output




# EQUALIZER

- Source based 4 band parametric EQ
- Each band offers adjustments for:
  - Gain
  - Central Frequency
  - Q factor
- Changes are applied in real time




# REST API

- RESTful based API to expose most of the functionalities of IPAC
- Authentication with Api Key enabled by default
- Allows system integrators to control IPAC devices from third party systems

# INDUSTRY AND USE CASE

**RETAIL**
BGM with scheduled Adverts
Company Live Radio
Info Points

**EDUCATION**
School Paging
Bell Schedule
Mass Emergency Notification
Intercom Training

**TELCO**
MoH Live Feed

**GOV AGENCY**
Police Radio
Stations Alarming
Training Center
Announcements

**TRANSPORTATION**
Passenger Info (stationary)
Intercom Point (stationary)
Passenger Info (on board)
Tunnel Info

**HOSPITALITY**
BGM
Paging/Announcements
Music Feed

# Where to find information

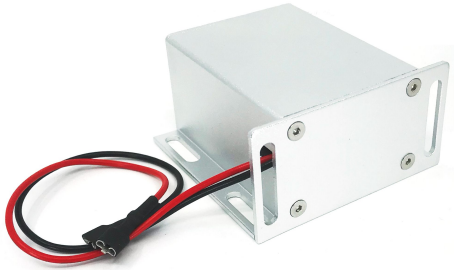
IPAC User Manuals, API documentation, Firmware release notes and download

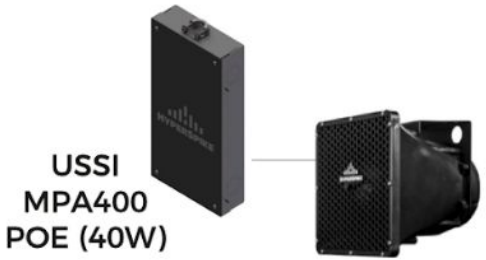
https://help.barix.com/exstreamer4xx/

# Need anything special?

We’re good in customized projects! Talk to us!

presales@barix.com





## Why choose IPAC

1. Feature-rich: paging, BGM, emergency notifications, SIP/VoIP, Scheduler
2. Flexible under integration and configuration aspects
3. Continuously improved and supported

# Q & A

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# THANK YOU

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