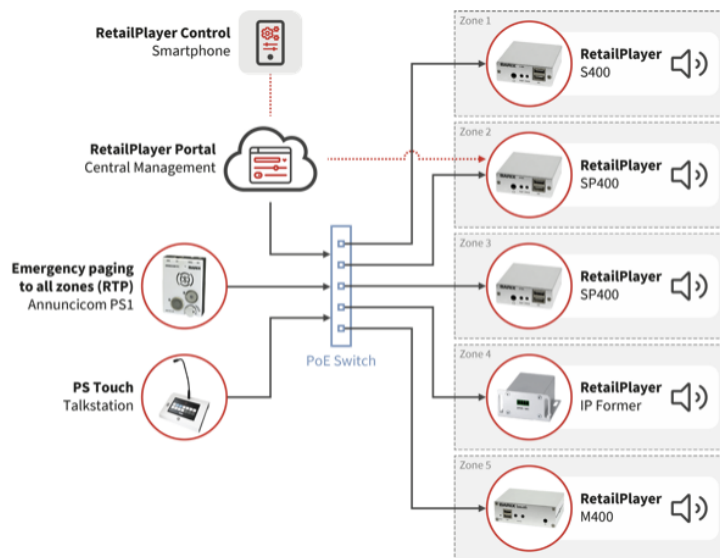
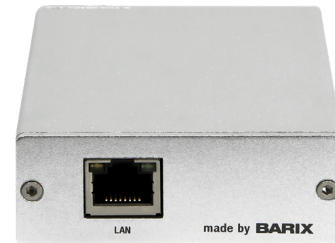


# BARIX

## RetailPlayer SP400

PoE, IP Audio Decoder for Background Music Applications.



RetailPlayer SP400 - the ultimate solution for Background Music playout in professional environments. With its easy installation and powerful cloud management portal, you can monitor and control multiple devices worldwide for different brands. With 3 failover playback layers, increased buffer capability, and a Store & Play feature, you can ensure uninterrupted services. The device also offers remote firmware management, crossfading, and multiple scheduling features. Plus, with the RetailHero plan, you can extend scheduling possibilities to assets and play audio cues on demand. The SP400's solid metal build delivers high-quality audio over a stereo 3.5mm(1/8in) TRS output providing the perfect connection to your amplification system. SP400 can be powered via PoE which makes its installation quick and cost-effective.

### Applications

- Background music distribution to retail outlets, hospitals, gyms and restaurants
- Radio distribution system with central management
- Corporate audio streaming solution
- Music on hold systems

### Features

- 3.5mm TRS stereo line level output
- PoE powered - IEEE 802.3af
- 10/100 Mbps ethernet interface
- (1x) status led
- (2x) EXT connections to support external USB pen drives
- Web interface for local configuration
- Secure protocol transmission using TLS v1.2
- Ships with 32 GB of local storage available

# Technical Specifications

## Operation System

- Embedded Linux based on Yocto

## Network Interfaces

- 1 x Ethernet (RJ45) Interface
- IPv4, IPv6 capable
- 10/100 fdx/hdx, auto negotiation
- Protocols supported: TCP/IP, RTP, HTTP(S), DHCP, DNS, NTP

## CPU / Memory

- Barix IPAM40x Processor Module
- Quad-Core ARM Cortex™ -A7
- 256MB DDR3 L3
- 16MB SPI Flash
- 32GB SD-Card Flash

## Audio Formats

- MP3 CBR/VBR, up to 320 kbps, 8..48 kHz sample freq.
- AAC-HE (AAC, AAC plus, AAC plus V2)
- PCM linear 16bit @44.1 kHz
- FLAC, WAV, OGG Vorbis
- Opus

## Audio Interface

- Stereo Line-Out on 3.5 mm (1/8 inch) TRS connection
- Output level software controllable

## User Interface

- Web interface for configuration
- 2 x Multicolor LED Status indicators
- Reset & Factory Defaults Button

## Power Requirements

- IEEE 802.3af PoE

## MTBF

- > 200'000h

## Measurements / Mechanics

- 3.07" x 2.76" x 1.02" / 78mm x 70mm x 26mm

## Weight

- 140g

## Warranty

Two years

## Environmental

### Operating Environment

0 to +50°C / 32 to 122°F

0 - 70% relative humidity, non-condensing

### Storage Conditions

-20 to +70°C / -4 to 158°F

0 - 70% relative humidity, non-condensing

## Certifications

CE, RoHS, FCC

## Ordering Information

2019.9284 RetailPlayer SP400 PoE Package



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



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

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