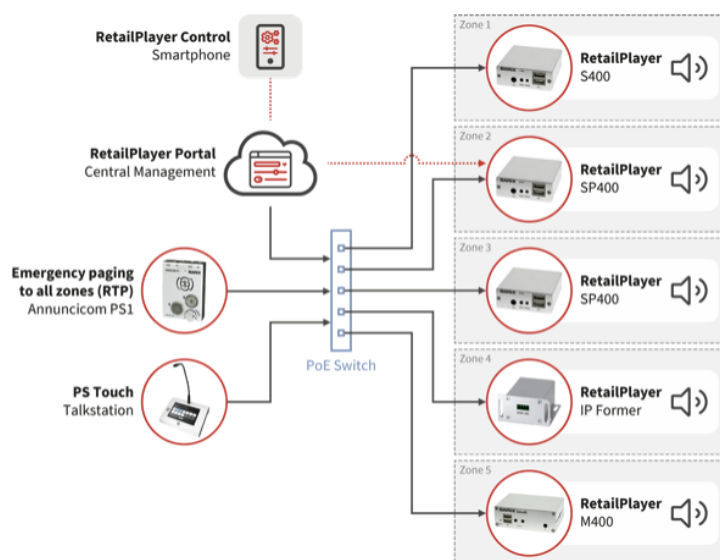


# BARIX

## RetailPlayer SP400

Sophisticated background music player for retail applications.



The RetailPlayer SP400 is PoE powered streaming player for multi-channel streaming of background music. It is a rock-solid metal device that needs little maintenance and can be installed almost everywhere by anyone. A wide variety of Audio Formats from independent streaming services are supported and played on a standard Line Level output. The online management portal allows for convenient control of the playout and supports status monitoring and firmware management for every device. Fallback Stream and local Failover Playlist are also supported in stand-alone operation. Barix Products are developed in Switzerland.

### Applications

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

### Features

- Embedded Linux based on Yokto
- 10/100 Ethernet port with IPv4 / IPv6 stack
- AACplus, MP3, PCM Decoding
- IP Streaming via TCP, UDP, RTP
- Stereo Line Level Output
- 2 EXT Host Interfaces to connect USB devices
- Web based Management via Portal or stand-alone operation
- Fallback URL and local Failover Playlist
- Online Player Status monitoring
- Free selection of Streaming Service
- Rock Solid Metal Case
- IEEE 802.3af PoE Power Supply

# 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
- TCP/IP, RTP, UDP, ICMP, DHCP, CGI, HTTP

## Audio Interface

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

## Failsafe Features

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

## 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

## CPU / Memory

- Barix IPAM400 Processor Module
- Quad-Core ARM Cortex™ -A7
- 256MB DDR3 SDRAM
- 16MB SPI Flash
- 32GB SD-Card Flash

## User Interface

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

## Power Requirements

- 802.3af PoE

## MTBF

- > 200'000h

## Measurement / Mechanics

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

## Weight

- 140g

## Warranty

- Two years

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## 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 RETAIL PLAYER SP400



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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Direct Link