

# BARIX

## RetailPlayer M400

Professional background music player for retail applications.



The RetailPlayer is the best valued 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 over RCA connections. 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.

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### Applications

- Background music distribution to retail outlets, hospitals, gyms and restaurants
- Radio distribution system with central management
- Corporate audio streaming solution
- Subscription available to RetailHero for assets management: scheduling and triggering

### Features

- Embedded Linux based on Yocto
- 10/100 Ethernet port with IPv4 / IPv6 stack
- AAC+, MP3, OGG, OPUS, PCM
- IP Streaming via HTTP(S), HTTP, RTP
- Stereo Line Level Output on RCA connections
- 2 USB Interfaces
- Web based Management Portal or stand-alone operation
- Fallback URL and local Failover Playlist
- Asset scheduling (subscription required)
- Asset triggering (subscription required)
- Online Player Status monitoring
- Free selection of Streaming Service
- Rock Solid Metal Case

# 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, HTTP(S), HTTP

## Audio Interface

- Line level 0dBu nominal on RCA connectors, stereo output
- 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
- 8GB SD-Card Flash

## User Interface

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

## Power Requirements

- 5VDC, 10W maximum on 5.5x2.1mm barrel connector (inner positive)

## MTBF

- > 200'000h

## Measurement / Mechanics

108x38x78.7mm (4.25x1.5x3.1 Inch)

## Weight

- 250g

## 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

2020.9318 RetailPlayer M400 EU Package

2020.9319 RetailPlayer M400 US Package

2020.9320 RetailPlayer M400 UK Package

## Barix AG

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[www.barix.com](http://www.barix.com)



Direct Link

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