




ISP40

Professional internet audio player

► Features

- Linum™ Technology
-  database sync (30.000+ Channels)
- Custom audio stream selection
- MP3, WMA & AAC radio station support
- 2.8" TFT display with intuitive interface & controls
- Preferential station storage (100 entries)
- Balanced stereo audio output
- Front panel & RS-232 remote control




► Applications

- Clubs & pubs
- Restaurants & bars
- Warehouses & retail stores
- Public & office buildings
- Houses of worship
- ...



The ISP40 is a professional internet radio player featuring the unique Linum™ technology which eliminates any unwanted behaviour such as sudden channel hopping or music stops. An internal buffer avoids music breaks for short term connection interruptions and makes sure the audio stream will be automatically restored afterwards.

The front panel of the system accommodates a 2.8" TFT display in combination with a push rotary function dial and 4 tactile pushbuttons. The controls and indicators on the front panel of the unit are guaranteeing an intuitive and user friendly operation, allowing hassle free operation and configuration to even unexperienced users. Information such as internet radio station information is indicated.

It synchronizes with the  database which contains over 30.000 channels, allowing selection on different criteria such as genre, location, language, ... while custom streams can also be added to a preference list up to 100 entries. The configurable network settings allow implementation of the ISP40 to any local area network in residential, commercial or enterprise networks.

The input connection is implemented by an RJ45 type connector with indicator LED's, allowing connection to any ethernet network.. The balanced stereo line output is connected through two 3-pin terminal block connections.

The RS-232 communication port allows system integration with any home or industrial automation system, while an optional 2.4 GHz remote control allows handheld control while hidden out of sight.

► Specifications

SYSTEM SPECIFICATIONS	
Control	Front panel RS232
Supported filetypes streaming	MP3, WMA, AAC
Frequency response	20 Hz - 20 kHz
Crosstalk	80 dB
THD+N	< 0.07%
Input	RJ45 Ethernet connection
Output	Balanced stereo line output (3-pin Euro Terminal Block - 3.81 mm)
Output level	+8 dB ~ -92 dB
Display	2.8" Graphical LCD
Power supply	Switching mode
Power source	110 ~ 240V AC / 50 ~ 60 Hz
Operating temperature	0° ~ 40° C at 95% humidity
Power consumption	1.6 Watt
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	482 x 44 x 330 mm
Weight net	3.15 Kg
Mounting	19"
Unit height	1 HE
Construction	Steel
Colour	Black
SHIPPING & ORDERING	
Packaging	Cardboard box
Shipping weight and volume	4.75 Kg - 0.028 Cbm
Optional accessories	2.4 GHz remote control

*AUDAC reserves the right to change specifications without notice: this is part of our policy to continuously improve our products.

► Architects' and Engineers' Specifications

The audio source shall be an internet audio player shall featuring Linum™ technology, eliminating channel hopping and music stops in case of unstable connections. The radio station list shall automatically synchronize with the vTuner database and including over 30.000+ stations selectable on various criteria, including genre, location, language, ... An internal memory shall offer storage up to 100 preferred audio channels, allowing quick & easy recalling of the them. A possibility for adding custom / additional audio streams through entering their URL shall be implemented.

The front panel shall contain an AC power switch accompanied with a blue power indicator LED. A Graphical 2.8" TFT display combination with a push rotary function dial and 4 tactile push buttons shall be implemented, guaranteeing an intuitive and user friendly experience with clear overview of the systems functions and current operation modes. Additionally carried radio station information (Station, Track, Program) shall be displayed.

Supported streaming filetypes shall include MP3, WMA and AAC in numerous bitrates. The signal output level shall be user (software) configurable within a range of +8 dB and - 92 dB. An RS-232 command port accompanied with an 'UPDATE' USB slot shall be implemented on the rear side of the unit. The RS-232 connection allows control from any home or industrial automation system, while the USB slot allows simple system updates or compatibility with optionally available RF remote control units.

The network input connection shall be implemented using an RJ45 type connector with indication LED's, while the audio output is a balanced stereo line output connected through two 3-pin terminal block connectors.

The audio source shall operate on a 110~240 V AC / 50~ 60 Hz mains network and shall be equipped with a removable power cord having a standard shuko (CEE 7/7) AC plug. The connector on the audio source chassis shall be a fused IEC C14 type.

The chassis shall be a single rackspace steel constructed 19" housing. Depth from mounting surface to rear supports shall be 330 mm and the weight shall not exceed 3.15 Kg.