ISP40
Internet audio player

Highlights:

- Balanced stereo line output
- 2.8" LCD display with intuitive user interface
- Preferential station storage
- Front panel & RS-232 remote control
- Linum™ technology
- vTuner database sync (30,000+ Channels)
- Custom audio stream selection
- MP3, WMA & AAC radio station support

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 will avoid any music interruptions for short term connection interruptions and will make 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 are 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 signal output level as well as the systems IP settings and other advanced network settings are user configurable, allowing implementation to any audio system connected to home, office or enterprise data 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.
Discover more about our modular audio players

Additional Inputs:

TCP-IP   RS232

Applications:

- Retail
- Public facilities
- Corporate spaces
- Houses of worship
- Clubs, bars, restaurants

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System specifications:

Control		Front panel
		RS-232
Supported filetypes	Streaming	MP3
		WMA
		AAC
Frequency	Response (± 3 dB)	20 Hz - 20 kHz
Crosstalk (@ 1 kHz)		80 dB
THD+N (@ 1 kHz)		< 0.07%
Inputs		RJ45 (Ethernet)
Outputs	Type	Balanced stereo line outputs
	Level	+8 dB ~ -92 dB
Display	Type	2.8" Graphical LCD
Power	Source	110 ~ 240 V AC / 50 ~ 60 Hz
	Consumption	1.6 W
	Supply	Switching mode
Operating temperature		0° ~ 40° @ 95% Humidity

Product Features:

Dimensions		482 x 44 x 330 mm (W x H x D)
Weight		3.150 kg
Mounting		19"
Unit height		1 HE
Construction		Steel
Colours		Black
Accessories	Optional	2.4 GHz remote control

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Architects' and Engineers' Specifications:

The audio source shall be an internet audio player shall featuring Linum™ technology, eleminating 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.