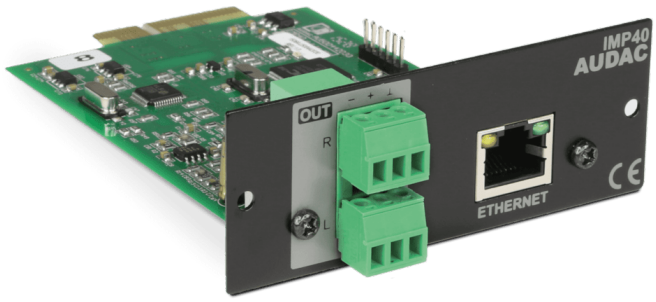
IMP40

SourceCon™ internet audio player module

Highlights:



- Balanced stereo line output
- Works with any SourceCon™ enabled device
- Preferential station storage
- Linum™ technology
- vTuner database sync (30,000+ Channels)
- Custom audio stream selection
- MP3, WMA & AAC radio station support
- USB Media player backup (connection interruption)

The IMP40 is a professional internet radio player featuring SourceCon™ modular technology. This unique technology guarantees true plug & play implementation to any compatible device. When inserted to a supporting slot, the module is instantly installed, discovered and ready for operation without requiring any additional internal wiring or complex configuration. The IMP40 features the unique Linum™ technology which eliminates any unwanted behaviour such as sudden channel hopping or music stops. When the connection is interrupted, automatic switching to inserted media carriers (USB drives) avoids unpleasant silences in background music applications. The audio stream will be automatically and seamlessly restored afterwards. It synchronizes with the vTuner 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 input connection is implemented by an RJ45 type connector with indicator LED's on its panel, allowing connection to any ethernet network. The balanced stereo line output is connected through two 3-pin terminal block connections.
Discover more about our modular audio players

Applications:

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

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

System specifications:

Connection		SourceCon™ interface card slot
Inputs		RJ45 (Ethernet)
Supported filetypes	Streaming	MP3
		WMA
		AAC
	Playback	MP3
Compatible media	Playback	USB memory
		USB HDD
Compatible filesystems	Playback	FAT16
		FAT32
Outputs	Type	Balanced stereo line outputs
	Level	+8 dB ~ -92 dB
Frequency	Response (± 3 dB)	20 Hz - 20 kHz
Crosstalk (@ 1 kHz)		80 dB
THD+N (@ 1 kHz)		< 0.07%
Power	Consumption	1.5 W

Product Features:

Dimensions	87 x 34.5 x 114 mm (W x H x D)
Weight	0.070 kg
Mounting	SourceCon™ interface card slot

Shipping & Ordering:

Packaging	Cardboard box
Shipping weight & volume	0.260 kg - 0.028 Cbm
Compatible with	XMP44 modular audio system

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Architects' and Engineers' Specifications:

The audio source module shall be a internet audio player module featuring SourceCon™ modular technology, allowing flexible and plug & play integration to any compatible modular system. The internet audio player shall feature Linum™ technology, eleminating channel hopping and music stops in case of unstable connections and automatically switches to inserted media player backup (USB drives) once the connection is interrupted. 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. Additionally carried information (Station, Track, Program) shall be available from the module, allowing it to be retrieved and displayed through the modular system installed to. Supported streaming filetypes shall include MP3, WMA and AAC in numerous bitrates, while the media player backup shall support MP3 in numerous bitrates. The signal output level shall be user (software) configurable within a range of +8 dB and - 92 dB. 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 internet audio player shall be implementable in a total system control application which is compatible with Android and iOS devices, allowing combining its controls together with other audio&video equipment from one single dashboard.

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