

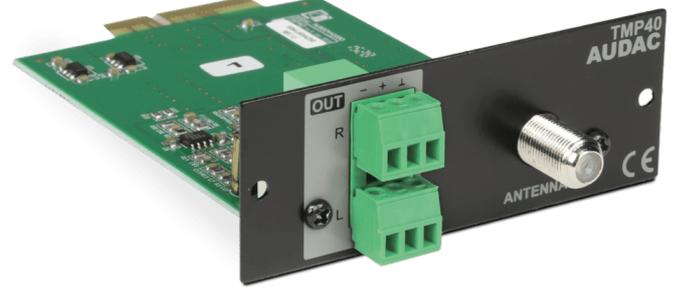


TMP40

SourceCon™ FM tuner module

Highlights:

- Balanced stereo line output
- True plug & play solution
- Works with any SourceCon™ enabled device
- RDS / radiotext station information
- Manual & auto tuning
- F-type antenna connection
- Preferential station storage
- Signal strength indication
- Worldwide FM band support



The TMP40 is a tuner with worldwide FM band support 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 TMP40 provides access to a wide variation of radio stations while guaranteeing a high-quality audio reproduction. Station selection can be done manually or automatically, while up to 10 preferred channels can be internally stored and recalled. Radio station information carried by RDS can be retrieved, while other functions such as mono/stereo switching (FM) always guarantee the best possible audio clarity. Besides the signal output level which is user configurable, the traffic announcement volume can be individually set which guarantees the best intelligibility in specific requiring applications. Signal reception strength can be retrieved from the module and indicated on the graphical interface of the controlling device. The antenna input is implemented by an F-type connector on its panel, allowing connection of the included antenna cable or any other external antenna using 75 Ω coaxial cabling. 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
- Corporate spaces
- Houses of worship
- Clubs, bars, restaurants

System specifications:

Connection		SourceCon™ interface card slot
Inputs		F-type antenna connection (75 Ω)
FM	Tuning Range (-10 dB)	64 ~ 108 MHz
		87.5 ~ 108 MHz
Sensitivity (1W/1m)		-100 dBm
Signal / Noise		42 dB
THD+N (@ 1 kHz)		< 0.1%
Frequency	Response (± 3 dB)	30 Hz - 15 kHz
Crosstalk (@ 1 kHz)		42 dB
Outputs	Type	Balanced stereo line outputs (3-pin Euro Terminal Block (Pitch - 3.81 mm))
	Level	+8 dB ~ -55 dB
Power	Consumption	0.5 W

Product Features:

Dimensions		87 x 34.5 x 114 mm (W x H x D)
Weight		0.071 kg
Mounting		SourceCon™ interface card slot
Accessories	Included	Antenna cable
	Optional	ASK40S 4-way antenna splitter kit

Shipping & Ordering:

Packaging	Cardboard box
Shipping weight & volume	0.280 kg - 0.028 Cbm
Compatible with	XMP44 modular audio system

Architects' and Engineers' Specifications:

The audio source module shall be a FM tuner module featuring SourceCon™ modular technology, allowing flexible and plug & play integration to any compatible modular system. The radio tuner shall be capable for a worldwide reception to a wide variation of radio stations with high-quality audio. The FM reception shall be tuneable within a range from 64 MHz up to 108 MHz or 87.5 MHz up to 108 MHz. The selection / tuning for the radio stations shall be possible using both manual or automatic search functionalities. An internal memory shall allow storage up to 10 preferred audio channels which are easy to be recalled. Additionally carried radio station information (RDS) and signal reception strength shall be available from the module, allowing it to be retrieved and displayed through the modular system installed to. The signal output level shall be user (software) configurable within a range of +8 dB and -55 dB while the traffic announcement (TA) announcement output level can be individually configured for improving intelligibility in specific requiring applications. The antenna input connection shall be implemented using an F-type (75 Ω) antenna connection on its panel, while the audio output is a balanced stereo line output connected through two 3-pin terminal block connectors. The FM tuner 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.