



DMP40

SourceCon™ DAB/DAB+ & FM tuner module

► Features

- Works with any SourceCon™ enabled device
- DAB/DAB+/FM support
- RDS / Radiotext station information
- Manual & auto tuning
- Truly plug & play solution
- F-type antenna connection
- Preferential station storage (10 entries)
- Signal strength indication
- Balanced stereo audio output

► Applications

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



FM



DAB

The DMP40 is a professional DAB/DAB+ & FM tuner 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 DMP40 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 / Radiotext can be retrieved, while other functions such as mono/stereo switching (FM) always guarantee the best possible audio clarity.

The signal output level is user configurable, while dynamic range compression (DRC) is supported, improving the intelligibility for low volumes in applications with high levels of background noise. 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.

► Specifications

SYSTEM SPECIFICATIONS	
Connection	SourceCon™ interface card slot
Input	F-type antenna connection (75 Ω)
FM Tuning range	87.5 ~ 108 MHz
FM Sensitivity	-108 dBm
FM Signal/noise	52 dB
FM THD+N	0.22%
FM Frequency response	30 Hz - 12.5 kHz
FM Crosstalk	26 dB
DAB Tuning range	Band-3: 171 ~ 240 MHz L-Band: 1452~1492 MHz
DAB Sensitivity	-99 dBm
DAB Signal/Noise	81 dB
DAB THD+N	0.026%
DAB Frequency response	42 Hz - 20 kHz
DAB Crosstalk	53 dB
Output	Balanced stereo line output (3-pin Euro Terminal Block - 3.81 mm)
Output level	+8 dB ~ -32 dB
Power consumption	1.5 Watt
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	87 x 34.5 x 114 mm
Weight net	0.074 Kg
Mounting	SourceCon™ interface card slot
SHIPPING & ORDERING	
Packaging	Cardboard box
Shipping weight and volume	0.285 Kg - 0.028 Cbm
Accessories included	Antenna cable
Optional accessories	ASK10S 4-Way antenna splitter kit
Compatible devices	XMP44 modular audio system
*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 module shall be a DAB, DAB+ and 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 reception to a wide variation of radio stations with high-quality audio. The FM reception shall be tuneable within a range from 87.5 MHz up to 108 MHz, while the DAB/DAB+ band shall be tuneable within a range of 171 up to 240 MHz (Band-3) and 1452 up to 1492 MHz (L-Band). 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 / Radiotext) 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 - 32 dB and Dynamic Range Compression (DRC) shall be available for DAB/DAB+, improving the intelligibility for low volumes in applications with high levels of background noise.

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 DAB, DAB+ and 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.