



DSP40

Professional DAB/DAB+/FM tuner

► Features

- DAB/DAB+/FM support
- RDS / Radiotext station information
- Manual & auto tuning
- 2.8" TFT display with intuitive user interface
- F-type antenna connection
- Preferential station storage (10 entries)
- Signal strength indication
- 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 DSP40 is a professional DAB/DAB+ & FM tuner which 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.

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 radio station information carried by RDS / Radiotext and signal reception strength are indicated.

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. Other functions such as mono/stereo (FM) switching always guarantee the best possible audio reception.

The antenna input is implemented by an F-type connector 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.

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
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
Input	F-type antenna connection (75 Ω)
Output	Balanced stereo line output (3-pin Euro Terminal Block - 3.81 mm)
Output level	+8 dB ~ -32 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	0.7 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
Accessories included	Antenna cable
Optional accessories	ASK10S 4-Way antenna splitter kit 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	