



BMP40

SourceCon™ Bluetooth receiver module

► Features

- Works with any SourceCon™ enabled device
- Up to 30 meters transmission distance
- Pairing protection
- Bluetooth spec V4.1
- Class 2 type output power
- Miniature modular design
- Truly plug & play solution
- External & extendable antenna
- Balanced stereo audio output

► Applications

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



Bluetooth

The BMP40 is a professional Bluetooth receiver module 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 BMP40 receiver offers wireless connection possibilities for audio playback from any Bluetooth compatible portable device including laptops, smartphones, tablets or any other. A long range transmission distance (up to 30 meters) is possible depending on the installed environment. Device discovery and pairing protection with a storage up to 8 authorized devices shall prevent playback unauthorized users in public area's.

All media information such as track and artist information can be retrieved from the BMP40 (if supported by the connected device), while playback control is possible from the connected device or remote control.

The antenna input is implemented by an SMA-type (50 Ω) connector on its panel, allowing connection of the included (2 dBi) antenna while extension is possible in situations where its installed in a closed / shielded cabinet. The balanced stereo line output is connected through two 3-pin terminal block connections.

► Specifications

| SYSTEM SPECIFICATIONS | |
|---|---|
| Connection | SourceCon™ interface card slot |
| Input | RF Bluetooth antenna connection (SMA) |
| Output | Balanced stereo line output (3-pin Euro Terminal Block - 3.81 mm) |
| Output level | +8 dB ~ -82 dB |
| Bluetooth specification | V4.1 |
| | Class 2 output power |
| THD+N | < 0.07% |
| Crosstalk | 80 dB |
| Power consumption | 0,5 Watt |
| PRODUCT FEATURES | |
| Dimensions (Width x Height x Depth) | 87 x 34.5 x 114 mm |
| Weight net | 0.075 Kg |
| Mounting | SourceCon™ interface card slot |
| SHIPPING & ORDERING | |
| Packaging | Cardboard box |
| Shipping weight and volume | 0.265 Kg - 0.028 Cbm |
| Accessories included | 2.4 GHz bluetooth antenna (SMA) |
| Optional accessories | BAE100 Antenna extender 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 bluetooth receiver featuring SourceCon™ modular technology, allowing flexible and plug & play integration to any compatible modular system.

The bluetooth receiver shall offer wireless connection possibilities for audio playback from any Bluetooth compatible device, including laptops, smartphones, tablets or any other. A long transmission range up to 30 meters shall be possible. The available media information including track and artist information shall be retrievable, while playback control is possible from the connected device or remote control. Device discovery and pairing protection with a storage up to 8 authorized devices shall be available, preventing audio playback from unauthorized users in public area's.

The antenna input connection shall be implemented using an SMA-type (50 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 bluetooth receiver 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.