

Magenta BTV4



The BTV4 is a High Quality solution to add Bluetooth capabilities to any Audio System.



The BTV4 has aptX® audio technology delivers CD-like quality audio over a Bluetooth® connection where a true audiophile experience is paramount.

In order to fit within the Bluetooth 'pipe' and transmit wirelessly, audio needs to use a bit rate reduction technique. It replicates the entire frequency of the audio, reproducing pure sound and ensuring that users hear everything as the artist intended. By incorporating aptX audio coding technology into the next generation of Bluetooth stereo products, developers can offer consumers audio quality indistinguishable from wired with an impressive dynamic range.

The BTV4 has a totally discreet analog filter and integrator to give the unit a High End performance.

Connections:

Plug the RCA audio analog output in to any auxiliary analog input of any audio amplifier, connect the AC to the wall outlet.

Pair your telephone, computer, tablet etc. as any Bluetooth and just sit and enjoy your music at its best.

BTV4 Features and specification:

- aptX, SBC, MP3 and AAC decoder support Audio Interfaces

- Audio codec with 2 high-quality dedicated ADCs
- Supported sample rates of 8, 11.025, 16,

Bluetooth Receiver

- Receiver sensitivity of -90dBm
- Integrated channel filters
- Digital demodulator for improved sensitivity and cochannel rejection
- Real-time digitised RSSI available to application
- Fast AGC for enhanced dynamic range
- Bluetooth v4.0 specification support
- HFP v1.6 wideband speech (HD voice ready)
- HSP v1.2
- A2DP v1.2
- AVRCP v1.4
- Support for smartphone applications (apps) Improved Audio Quality
- Near-end audio enhancements (noise suppression and AEQ)
- Packet loss concealment
- Bit error concealment
- mSBC codec support for wideband speech Music Enhancements
- aptX, SBC, MP3, AAC and Faststream decoder