

Blackfire MXD

Wireless Multiroom Music System Solution with GoogleCast, Spotify Connect and Apple Airplay



Blackfire MXD is a wireless audio solution for smart phones and speakers that delivers lossless or lossy compression with under 150µs synchronization accuracy for multiroom music and multichannel A/V systems. Blackfire MXD has native GoogleCast Audio and Spotify Connect support and is Apple Airplay ready (requires Apple License and authentication chip). Enjoy 5GHz WiFi support, 24 bit, lossless streaming from local music files, or stream local music from the Blackfire app (for PC, Android and iOS). Blackfire MXD is fully compatible with all Blackfire systems. With a cost effective reference design, and a reference app for Android and iOS for rebranding, Blackfire MXD is the smartest wireless audio solution for home entertainment.

Googlecast[®]

 Spotify

 AirPlay

SPECIFICATIONS

- 802.11ac (2.4GHz and 5GHz) Wi-Fi
- Sample rate: 44.1kHz, 48kHz, 96kHz, 192kHz
- Resolution: 16bit/24bit/32bit
- Lossless or Lossy transmission
- 20 - 150µs Synchronization accuracy
- 20 - 100ms Latency
- Supports 32 Devices

IMPLEMENTATION:

- Blackfire MXD Audio Module 2.4GHz/5GHz
- Blackfire Indigo app for Windows, Android and iOS

SOLUTION FEATURES

- Play music from the downloaded Blackfire Indigo Smartphone app, using local music or streaming plug-ins to multiroom (Selection, Zones, Volume) and multichannels
- Application Media Sources include: Local Music; Tidal; Deezer; Mix Radio; Migu
- Play Google Cast, Spotify Connect and Apple AirPlay music and rebroadcast to multi room and multi channel
- Play any music/audio from Windows PC to one or multiple speakers
- Full Wi-Fi Range operation
- Bluetooth receive and rebroadcast to other devices
- Aux Audio Input rebroadcast to other devices
- Supports multichannel home theater 5.1, 7.1 and Dolby Atmos
- Synchronized playback to multi room devices and multichannel configurations
- Blackfire compatibility - automatic discovery, synchronization, playback & control
- Blackfire optimizations including those for range, throughput, sync, discovery