

DTS Technology for Connected Entertainment

Consumers have numerous options to enjoy content, whether via optical disc or digital delivery, SD or HD, download or streaming. DTS provides audio solutions for all of these options, enabling the best entertainment experience.

DTS for Digital Delivery

While there has been a lot of focus on DTS-HD Master Audio™, the lossless audio codec for Blu-ray Disc™, DTS has a range of high efficiency technologies for digital delivery services and connected consumer devices. In working with content providers and technology partners, DTS enables premium audio for entertainment delivered via the internet.

Supported by Industry standards

DTS is an active participant in the industry bodies looking to improve the connected entertainment ecosystem for consumers. DTS audio technologies are supported in the standards for:

- UltraViolet
- DLNA
- ETSI Content Delivery
- Open IPTV



DTS Audio for Connected Entertainment

DTS offers a wide range of audio options for connected entertainment devices; from constant bit rate to adaptive streaming, stereo to 5.1, and beyond:



For digital downloads or high bit rate streaming, DTS Digital Surround™ provides:

- Up to 6.1 discrete surround sound
- Constant bit rates from 255 kbps (2 ch) up to 1509 kbps (5.1)
- Highest quality audio over S/PDIF for legacy AVR products
- Provides more than twice the quality of competing audio technologies
- Guaranteed DTS quality for all next generation CE devices

DTS Digital Surround is the same high performance technology used on DVDs, and is included in all DTS-HD Master Audio soundtracks.



DTS Express™ is a high performance low bit rate technology designed for both streaming and downloaded content. DTS Express shines where bandwidth is limited and network conditions fluctuate, with the ability to adapt to bit rate changes without audio dropouts, clicks or pops.

DTS Express is a proven technology, widely used by major studios for BD Live to deliver audio to Blu-ray players via the internet.

DTS Express provides:

- Constant bit-rates from 64 kbps (2 Ch) and up
- 5.1 channels from 192 kbps to 512 kbps
- Capable of 7.1 channels
- Adaptive bit rate capability (without audio anomalies)

DTS Express can be used in conjunction with a DTS Digital Surround real-time transcoder to work with all legacy products in the market.

DTS for Your Connected Entertainment

Through work in industry standards, and partnerships with content and service providers and CE manufacturers, DTS is powering the next generation of digital entertainment. Whether content is delivered to a mobile phone, digital media player, connected Blu-ray player, TV, or game console, DTS is providing innovative high performance technologies that meet the needs of our partners, and exceed the expectations of consumers for connected entertainment.