- Apple Lossless (ALAC – Apple Lossless Audio Codec)
- Adaptive Transform Acoustic Coding (ATRAC)
- Audio Lossless Coding (also known as MPEG-4 ALS)
- Direct Stream Transfer (DST)
- Dolby TrueHD
- DTS-HD Master Audio
- Free Lossless Audio Codec (FLAC)
- Meridian Lossless Packing (MLP)
- Monkey's Audio (Monkey's Audio APE)
- MPEG-4 SLS (also known as HD-AAC)
- OptimFROG
- Original Sound Quality (OSQ)
- RealPlayer (RealAudio Lossless)
- Shorten (SHN)
- TTA (True Audio Lossless)
- WavPack (WavPack lossless)
- WMA Lossless (Windows Media Lossless)

https://www.researchgate.net/profile/Teddy_Gunawan/publication/317829002_Investigation_of_Lossless_Audio_Compression_using_IEEE_18572_Advanced_Audio_Coding/links/5a437fcc0f7e9ba868a5847b/Investigation-of-Lossless-Audio-Compression-using-IEEE-18572-Advanced-Audio-Coding.pdf

Outlines comparisons of IEEE 1857.2 with other popular lossless audio compression schemes like FLAC and Wavpack.

https://ieeexplore.ieee.org/abstract/document/6854944 (IEEE 1857.2, FLAC seems bad)

https://www.researchgate.net/profile/Samadhan_Mali2/publication/301488625_New_Ieee_Standard_For_Advanced_Audio_Coding_In_Lossless_Audio_Compression_A_Literature_Review/links/5aff00f54585154aeb038bf8/New-Ieee-Standard-For-Advanced-Audio-Coding-In-Lossless-Audio-Compression-A-Literature-Review.pdf
IEEE 1857.2:

- Fewer bit errors during transmission because each audio frame is independent
- Good compression ratio
- Slow encoding speed

https://pdfs.semanticscholar.org/21b5/5d7dec136a8427af2c76fcfd81ffd483a651.pdf

Discusses the construction of MPEG-4 SLS.

MPEG-4 ALS/SLS :

- Lower compression ratio

- Fast encoding and decoding speeds