

FRAUNHOFER INSTITUTE FOR
INTEGRATED CIRCUITS IIS

HE-AAC

**THE GLOBAL AUDIO CODING STANDARD
FOR BROADCAST AND STREAMING**





Bandwidth Efficiency

High Efficiency AAC (HE-AAC) is the most efficient, widely deployed and flexible audio codec today, delivering high-quality audio at any given bit-rate. This enables 5.1 and 7.1 surround sound at bit-rates starting at 96 kbit/s and stereo services starting at 32 kbit/s.

Made for Broadcast and Streaming

HE-AAC is specifically designed for use in radio, TV and streaming standards such as MPEG DASH, DVB, ISDB-T, DAB and DRM. It fully supports broadcast metadata and up to 48 channel configurations, including well-defined downmix parameters. This performance has resulted in HDTV deployments worldwide and in HE-AAC being the predominant audio codec in broadcast and streaming.

Proven Track Record

Supported by over 5 billion devices, encoder and decoder implementations and content creation tools are widely available. Operating systems including Windows, Mac OS, Android, iOS and most HTML5 browsers support HE-AAC natively.

www.iis.fraunhofer.de/amm