

Abstract

The present disclosure belongs to the technical field of communications. Provided are a signal encoding and decoding method and apparatus, and a decoding terminal, an encoding terminal and a storage medium. The method comprises: acquiring an audio signal in a mixed format, wherein the audio signal in a mixed format comprises at least one format of an audio signal based on a sound channel, an audio signal based on an object, and an audio signal based on a scenario; determining an encoding mode of the audio signal in each format according to signal features of the audio signals in different formats; and thereafter, using the encoding mode of the audio signal in each format to encode the audio signal in each format, so as to obtain encoded signal parameter information of the audio signal in each format, and writing, into an encoding code stream, the encoded signal parameter information of the audio signal in each format, so as to send same to a decoding terminal. By means of the method provided in the present disclosure, the efficiency of encoding is improved, and the complexity of encoding is reduced.

Fig. 1a