ABSTRACT

The present invention provides digital signal encoding method and apparatus, a digital signal recording medium, and digital signal decoding method and apparatus which improve error correcting capabilities and reduce redundancy with a simple structure when the digital signal is encoded and decoded by adding an error correction code. By increasing the code length, the correction parity number, and the interleave constraint length more than the compact disc standard when the digital signal is encoded by adding an error correction code, the redundancy can be reduced and the size of data that can be recorded can be increased.