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AES standard for digital audio - Audio-embedded metadata - Part 5: EBU loudness, true-peak, and downmix

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AES standard for digital audio - Audio-embedded metadata - Part 5: EBU loudness, true-peak, and downmix

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Abstract

AES41 provides for the carriage of audio metadata by embedding it in the audio samples themselves. This tightly associates the meta-data with the audio, yet makes it fragile so that changes to the audio will invalidate the meta-data. Several metadata sets have been defined, covering applications such as cascaded compression (bit rate reduction), and loudness control.

This part describes the format for the data to be transmitted with audio to signal loudness and true peak meta-data as used in EBU Technical Recommendation R128. A method of carrying this data is described in Part 1 of this Standard.

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