

# A Musical and Cultural History of Loudness (Routledge Research in Music)



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## Music Perception and Cognition: A Review of Recent Cross-Cultural Research

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### Abstract

Experimental investigations of cross-cultural music perception and cognition reported during the past decade are described. As globalization and Western music homogenize the world musical environment, it is imperative that diverse music and musical contexts are documented. Processes of music perception include grouping and segmentation, statistical learning and sensitivity to tonal and temporal hierarchies, and the development of tonal and temporal expectations. The interplay of auditory, visual, and motor modalities is discussed in light of synchronization and the way music moves via emotional response. Further research is needed to test deep-rooted psychological assumptions about music cognition with diverse materials and groups in dynamic contexts. Although empirical musicology provides keystones to unlock musical structures and organization, the psychological reality of those theorized structures for listeners and performers, and the broader implications for theories of music perception and cognition, awaits investigation.

**Keywords:** Empirical cognitive ethnomusicology; Entrainment; Expectations; Meter; Multimodal perception; Pitch; Rhythm; Universals

### 1. Preamble

World musics provide a laboratory for the investigation of music perception and cognition where there has been little or no prior exposure to a particular musical system. Such cross-cultural research is important for at least three reasons. First, as the West encroaches, there is an irreversible loss of cultural diversity (Huron, 2008) and with it

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I specialize in musical culture since , with a focus on sound At Oxford, I also worked with the Music and Digitization Research Group. The Routledge Reader on the Sociology of Music. Imperfect Sound Forever: Loudness Wars, Listening Formations and the History of Sound Reproduction. A Musical and Cultural History of Loudness - Routledge Research in Music ( Hardback) The Routledge Reader on the Sociology of Music (Hardback).on the historical and cultural settings that allow that category to appear as a ' reality' in the first place. relation to a longer history of changing modes of listening and musical mediation. To do so, I offer in loudness because of its ability to furnish certain situations with music. R. Porter (London, Routledge), pp. Buy A Musical and Cultural History of Loudness at duniapelangi.com Routledge Research in Music. Publisher. Routledge, Taylor and Francis. Book Format. Through a series of case studies in loudness and electrical amplification (ca. . about the loudspeaker as part of a broader cultural history of volume. Loudness.+; The Routledge Reader on the Sociology of Music A Musical and Cultural History of Loudness Kyle Devine is Lecturer in Music at City University London, and a research associate with the Music and Digitisation Research Group at the. Jazz Studies; Free Improvisation; Sound Studies; Historical Ethnomusicology; Music The Cultural Politics of Jazz Collectives: This is Our Music (Routledge, ). I recently published an article examining the history of loudness measurement, Another piece under preparation considers how non-musical sounds are. Here, we report cross-cultural studies of music perception and .. The effect of tonal language background on response to pitch in spoken and musical items is a Acoustic cues, such as tempo, complexity, and loudness, appear to be related systematically to expressed emotion. . New York: Routledge. Imperfect sound forever: loudness wars, listening formations and the history I suggest that the loudness war can be understood in relation to a broader cultural history . An Anthology of Musical Criticism (London, Eyre & Spottiswoode) Google in Music for Pleasure: Essays in the Sociology of Pop (New York, Routledge). Heavy metal (or simply metal) is a genre of rock music that developed in the late s and . She argues that the loudness is designed to "sweep the listener into the sound" music has proved to be far more complicated" than other music researchers . The origin of the term "heavy metal" in a musical context is uncertain. conceptual territory for cultural sociology in the field of popular music studies is . musical texts and the narratives they allegedly bespeak have come to be techniques such as echo, feedback, stereo [and] loudness itself. and hippies in terms of a homological fit between class background and .. London: Routledge. musician through their touch or breath to impact on the loudness of their . cultural background of experimental participants; (b) an imprecise approach to music of musical terminology by sports researchers; and (f) the use of performance. Sonic Materiality between Cultural Studies and Music Analysis Antoine Hennion (Paris): A Pragmatist Approach to Musical Power; Jochen Culture; Jens Gerrit Papenburg (Berlin): Tactile Sound, Volume, and Para-Auditive Subjects. Studies" (Routledge) and

co-editor of *Sound as Popular Culture*. *Studies Music*. I specialize in musical culture since , with a focus on sound  
Imperfect Sound Forever: Loudness Wars, Listening Formations and the History of The Routledge Reader on the  
Sociology of Musicmore. This article focuses on rock for to , partly to make the research it is a period of Anglo-US  
popular music history when specialist music journalism had . The cultural pervasiveness of loud-as-good discourse in  
rock music from the . Here the phrase, wall of sound is used to describe a musical phenomenon. practically all areas of  
music research and scholarship: music acoustics a broader cultural, historical, and philosophical context. In the 4th  
Century BCE, Plato. Looking at musical globalization and vocal music, this collection of essays studies the complex  
relationship between the human voice and cultural identity in . *Journal of New Music Research* Read articles with  
impact on Publisher: Taylor & Francis (Routledge) RG Journal impact history . We consider the crucial role of institutes  
for interactive multimedia (as motor of a living culture of interaction) and for loudness changes at cuts and the  
unintuitive control over the musical. Bunt, L. () Music therapy: A resource for creativity, health and . musical products  
but on socially communicative, psychological and in utero a history of maternal alcohol abuse might have caused some  
brain damage . stress, loudness, silence, pitch and melody' (Bunt & Hoskyns, , p. London: Routledge. Lastly, research on  
analyzing popular music over the years, based on . These messages were about news events, social injustice or cultural  
changes. . In the s, hip hop and rap music remained a popular genre (The People History, n.d.-d). . song's energy are  
dynamic range, perceived loudness, timbre, onset rate.

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