Record Nr. UNINA9910155078603321 Autore Eck Cathy van Titolo Between air and electricity: microphones and loudspeakers as musical instruments / / Cathy van Eck Pubbl/distr/stampa New York:,: Bloomsbury Academic,, 2017 London:,: Bloomsbury Publishing,, 2020 **ISBN** 1-5013-2763-1 1-5013-2762-3 1-5013-2761-5 Edizione [First edition.] Descrizione fisica 1 online resource (217 pages): illustrations 781.49 Disciplina Soggetti Sound - Recording and reproducing - History Electronic music - History and criticism Microphone Loudspeakers Lingua di pubblicazione Inglese Materiale a stampa **Formato** Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Beyond the Curtain: The True Nature' of Microphones and Loudspeakers -- Reproducing-- Supporting-- Generating--Interacting: Four Approaches towards Microphones and Loudspeakers -- The Sound of Microphones and Loudspeakers -- Movement, Material and Space: Interacting with Microphones and Loudspeakers --Composing with Microphones and Loudspeakers. Machine generated contents note: 1. Beyond the Curtain: The True Nature' of Microphones and Loudspeakers -- An empty stage: Listening according to the Konzertreform -- A concert at home: The invention of sound reproduction technologies -- Storage of air pressure waves --Transportation of air pressure waves -- Amplification of air pressure waves -- Between air and electricity -- A standard, almost perfect amplifier and loudspeaker -- Microphones and loudspeakers: The musical instruments of our age? --"Composers and sound artists have explored for decades how to Sommario/riassunto

transform microphones and loudspeakers from ?inaudible? technology into genuinely new musical instruments. While the sound reproduction

industry had claimed perfect high fidelity already at the beginning of the twentieth century, these artists found surprising ways of use? for instance tweaking microphones, swinging loudspeakers furiously around, ditching microphones in all kinds of vessels, or strapping loudspeakers to body parts of the audience. Between air and electricity traces their quest and sets forward a new theoretical framework, providing historic background on technological and artistic development, and diagrams of concert and performance set-ups. From popular noise musician Merzbow to minimalist classic Alvin Lucier, cult instrument inventor Hugh Davies, or contemporary visual artist Lynn Pook? they all aimed to make audible what was supposed to remain silent. www.microphonesandloudspeakers.com."--