This project could never have been accomplished without the financial, institutional, and personal support that I have received over the years. The National Science Foundation provided a Graduate Fellowship that first allowed me to begin this intellectual journey as a graduate student in history of science at Princeton University over fifteen years ago. More recently, the NSF provided a Research Fellowship in Science and Technology Studies that enabled me to draw that same journey to a close by supporting my work on the development of sound motion pictures. Along the way, the Mellon Foundation sponsored a year of postdoctoral study at Harvard University and the National Endowment for the Humanities provided a summer stipend that enabled me to experience, as well as to study, the noises of New York. A fellowship from the Department of History at Princeton University subsidized a semester’s leave from teaching when I needed it most, and the Graham Foundation for Advanced Studies in the Fine Arts underwrote my procurement of the visual illustrations that, perhaps ironically, add so much to a book about sound.

The Sirens of the history of sound have beckoned from far and wide, leading me places I never would have anticipated visiting when I began this project. In each case, I was guided safely through the uncharted waters by librarians, archivists, and historians who helped me to follow the elusive strains of that always compelling song. Special thanks to Janet Parks at the Avery Architectural and Fine Arts Library of Columbia University; Sheldon Hochheiser at the AT&T Archives; Emily Novak and Karen Finkston at the New York Life Insurance Company; James Reed at the Rockefeller Center Archive Center; Charles Silver at the Celeste Bartos Film Study Center of the Museum of Modern Art; Carol Merrill-Mirsky at the Edmund D. Edelman Museum of the Hollywood Bowl; Steven Lacoste at the Los Angeles Philharmonic Archives; Jane Ward and Bridget Carr at the Boston Symphony Orchestra Archives; Nicholson Baker at the American Newspaper Repository; Alex Magoun at the
David Sarnoff Library; John Kopec and David Moyer at the Riverbank Acoustical Laboratories; and Kathleen Dorman at the Joseph Henry Papers of the Smithsonian Institution.

Thanks also to the staff at the Harvard University Archives and the Baker Library of the Harvard Business School; the Marquand Library at Princeton University; the Museum of the City of New York; The New York Municipal Reference Library and Archives; the New-York Historical Society; the Hagley Museum and Library; the Office of the Architect of the Capitol; the Neils Bohr Library of the American Institute of Physics; the American Philosophical Society; the Thomas A. Edison National Historic Site; the UCLA Film and Television Archive; the University of Illinois at Urbana-Champaign Archives; the Case Western Reserve University Special Collections; the Society of Motion Picture and Television Engineers; the Institute of Electrical and Electronic Engineers; and the Acoustical Society of America.

Because my study is centered around the material culture of sound and listening, it is particularly gratifying to thank those who contributed to the material construction of the physical artifact that you now hold in your hands. For their efforts in photography, indexing, and proofreading, I thank John Blazejewski, Dwight Primiano, Carol Thompson, Martin White, and Laraine Lach. Amanda Sobel and Jason Rifkin also provided helpful research assistance. The MIT Press makes publishing a pleasure and I particularly thank Larry Cohen, Michael Sims, and Yasuyo Iguchi for their invaluable contributions to the final product.

It is also a pleasure, as well as a privilege, to express my gratitude to those acousticians who shared with me their technical expertise and personal memories. Sincere thanks to Dr. Leo Beranek, Professor Cyril Harris, Russell Johnson, David W. Robb, Robert M. Lilkendey, Raymond Pepi, Gerald Marshall, and Thomas Horrall. Special thanks to Carl Rosenberg, who has been a good friend as well as a valuable technical consultant.

My colleagues in the Department of History and Sociology of Science at the University of Pennsylvania—students, staff, and faculty alike—have always encouraged me to do my best, and the book that follows is better for having been written in such a collegial and stimulating environment. I also thank my fellow-travelers in aural history and in the history of technology, Leigh Schmidt, Douglas Kahn, Bill Leslie, and Susan Douglas, for helping me to hear the signal of my story amid the noise of history, and for the friendship they have offered along with their support.
From my very first days as a graduate student, Charles Gillispie has educated and encouraged me in ways that I can never begin to repay. Peter Galison has generously presented me with valuable opportunities to push my work in new directions and he has always provided invaluable guidance along the way. Charles Rosenberg has a wonderful ability to identify what is most important about a story; my own story has benefitted enormously from his scrutiny and counsel, and I appreciate even more his conviction that it matters.

Finally, without the friendship of John Carson, Angela Creager, and Carolyn Goldstein, as well as the love of my family, it would all be nothing but noise.