



Auditorium Acoustics and Architectural Design

By Michael Barron

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Modern concert halls and opera houses are now very specialized buildings with special acoustical characteristics. With new contemporary case-studies, this updated book explores these characteristics as an important resource for architects, engineers and auditorium technicians.

Supported by over 40 detailed case studies and architectural drawings of 75 auditoria at a scale of 1:500, the survey of each auditorium type is completed with a discussion of current best practice to achieve optimum acoustics.

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Editorial Review

Review

"Reviews of the First Edition" A monumental study which supersedes Beranek's 1962 classic... Barron's present book is a must for all architects faced with a major auditorium." " The Architects' Journal ... "wonderfully clear exposition and a fascinating study...an excellent textbook and an introduction to the subject of acoustics which all theatre technicians would find useful." " The Stage

This book is undoubtedly destined to become a classic. It is the first book since L L Beranek's classic, " Music, Acoustics and Architecture (1962) to deal with auditorium acoustics in the wider context of architecture...it can be read and enjoyed by acousticians and architects alike..."it is beautifully written and produced and hence worth every penny" " Journal of Sound and Vibrations

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About the Author

Michael Barron is a senior lecturer at the University of Bath Department of Architecture and Civil Engineering and partner of Fleming & Barron acoustic consultants. He has been involved over many years in acoustic consultancy and research, of which a key project was an Acoustic Survey of British Auditoria. In 2006 he received the Rayleigh medal, the premier award of the (British) Institute of Acoustics.

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