

1. Record Nr.	UNINA9910164022403321
Autore	Newell Philip Richard
Titolo	Recording studio design // Philip Newell
Pubbl/distr/stampa	New York : , : Routledge, , 2017
ISBN	9781317381952 (ebook)
Edizione	[Fourth edition.]
Descrizione fisica	1 online resource (881 pages) : illustrations, photographs
Collana	Audio Engineering Society Presents
Disciplina	621.389/3 621.3893
Soggetti	Sound studios - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	General requirements and common errors -- Sound, decibels, and hearing -- Sound isolation -- Room acoustics and means of control -- Designing neutral rooms -- Rooms with characteristic acoustics -- Variable acoustics -- Room combinations and operational considerations -- The studio environment -- Limitations to design predictions -- Loudspeakers in rooms -- Flattening the room response -- Control rooms -- The behavior of multiple loudspeakers in rooms -- Studio monitoring: the principal objectives -- The non-environment control room -- The live-end, dead-end approach -- Response disturbances due to mixing consoles and studio furniture -- Objective measurement and subjective evaluations -- Studio monitoring systems -- Surround sound and control rooms -- Human factors -- A mobile control room -- Foldback -- Main supplies and earthing systems -- Analogue audio interfacing.
Sommario/riassunto	Recording Studio Design, Fourth Edition explains the key principles of successful studio design and construction using the straightforward language and the use of practical examples appreciated by readers of previous editions. Updated to reflect new industry standards, this fourth edition addresses improvements in cinema sound, with specific attention paid to B-chain electroacoustic response and calibration. Author Philip Newell provides detail on the practical aspects of recording in various environments, not only exploring the complex issues relating to the acoustics but also providing real-world solutions.

