



# Fundamentals of Audio Production

By McDaniel, Drew O.; Shriver, Rick C.; Collins, Kenneth R.

Pearson, 2007. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface: Our Philosophy Change is Constant Learn to Learn Listen What it All Means Section I Theory of Sound and Its Electronic Representation Chapter 1: Sound and its Nature Sound from Molecular Motion Pitch and Frequency in Sound Sound Amplitude Sound Wave Propagation Sound Timbre Psycho Acoustics and the Principle of Equal Loudness Frequency and Temporal Masking Acoustics Summary Chapter 2: Capturing Sound Electronically Magnetic and Electronic Principles Dynamic Transducers Ribbon Transducers Carbon Particle Transducers Piezoelectric Transducers Reversed Transducers Chapter 3: Digital audio Digital Coding Digital Conversion Data Management Digital Simulation of Analog Effects Section II Sound Tools & Applications Chapter 4: Microphones Technical Features Pickup Patterns Microphone Usage Specialized Microphones Microphone Placement Off-axis Coloration Proximity Effect Acoustic Phase Relationships Distant Miking Chapter 5: Mixers Pre-amplification Peak Indicators Faders and Potentiometers Level Indicators Headroom Signal Routing Signal Sends Split and Inline Mixers Control Room Monitoring Mute and Solo Pan Potentiometers Channelized Mixers Mixer Automation Digital Consoles Broadcast Consoles Automatic Consoles Virtual Mixers Chapter 6: Recording, Storing, and Playback of Sound Phonograph Recording Magnetic Tape Recording Analog Tape Technology Digital Recording and Storage Digital Tape...

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