

RECORDING SYMPHONIC ORCHESTRA²⁹

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Abstract: The paper reviews basic existing methods of recording a symphonic orchestra. Sound recording systems and microphone techniques are explored with the intention to demonstrate advantages and disadvantages of different approaches, and to assess effectiveness in terms of good sound quality. Acoustics principles and physical sound behavior are revealed in order to analyze and establish successful orchestral recording practices. The article summarizes the author's work and experience as a long-time recording engineer in the field of classical music. It covers many aspects connected to symphonic sound and acoustical recordings starting from spatial placement of musicians, microphone set up, recording and mixing orchestral music.

Keywords: sound, recording, microphone, sound quality, timbre, musical instrument, orchestra

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