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**Italian opera house Mantua's Teatro Scientifico acoustical**  
**parameters measurements' comparison between Neumann KU 100**  
**and Schoeps KFM 6 binaural recording systems**

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From the dawning of modern acoustics, researchers tried to develop useful measurement techniques to describe acoustical field. Sound field measurement improvement's first endeavours implementing microphone capsule miniaturization technology date back to the thirties of the past century. Long human perception reproduction path through recording technique came to the attempt to position transducers similarly to the human natural hearing system, frequently obtaining as alluring results as difficult comparison among them and reapply. This paper describes processes, first results and comparison between as much as possible identical acoustical measurement sessions in Mantua's Teatro Scientifico opera house using Neumann KU 100 and Schoeps KFM 6 binaural recording systems at the same time.