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Scoring Composer Harry Gregson-Williams, Bruce Maddocks at New Wavecrest Studios Acoustics

By Mix Editors

Jan 4, 2005 4:02 PM



Pictured in the main composition/recording room at Wavecrest Studios are (standing) acoustician Bruce Maddocks, owner/engineer of Cups 'N Strings Studios, and scoring composer Harry Gregson-Williams. Photo by David Goggin.

Scoring composer Harry Gregson-Williams has completed his new five-room studio complex with the help of acoustician Bruce Maddocks, owner/chief engineer of Cups 'N Strings Studios (Santa Monica, Calif.). Gregson-Williams' credits list includes *Shrek* and *Shrek 2*, *Team America: World Police*, *Bridget Jones: The Edge of Reason*, *Man on Fire*, and *The Rundown*.

Gregson-Williams formerly occupied space at Hans Zimmer' Media Ventures. Architectural design of the new studios was by Clover Lee and it was Zimmer who recommended Maddocks for acoustical design elements. Maddocks first made a study of the space, which included free-field microphone measurements and a combination of impulse

testing, RTA real time analysis and RT60 reverberant time analysis. Based on those measurements, Maddocks designed a variety of acoustical treatments that included RPG® mid-range Omnifusers, and a combination of custom Helmholtz mid-bass absorbers and low-frequency membrane absorbers. In the performance recording space, Maddocks treated the live reverberant field with corner-mounted polycylindrical diffusers and cloud absorbers for optimum decay time and control of standing waves and reflections. Fabrication and installation were by Paul Reynolds, who has worked with Maddocks on numerous Los Angeles facilities.

In addition to acoustical treatments, Maddocks also mastered the soundtrack albums for Gregson-Williams' scores for *Man on Fire* and *The Rundown*.

For more information, please visit the studio's Website at www.cupsnstrings.com.