Re-invigorate the Cultural Hub of Melbourne

A premier concert venue in Melbourne, Hamer Hall provides opportunities for artists and audiences to experience live music performed by the finest musicians from around the world.

050.5505

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Located at the gateway to Melbourne's cultural precinct, Hamer Hall has recently undergone a two-year $135.8 million re-development, part of the Southbank Cultural Precinct Re-development to re-invigorate' this vibrant cultural and community hub. Musicians and audiences can now enjoy superior stage technology and acoustic performance, making this one of the world's most sought after concert venues.

Getting the framework right
A properly designed and installed structured cabling system provides a solid framework that delivers predictable and consistent performance, allowing the flexibility to grow and change the network over an extended period of time without significant changes to the backbone. This was an important mission undertaken by R&M in the Hamer Hall project.

Support from Madison Technologies through on-time product delivery and assistance to the installer was one of the key elements of the project success. The chosen solution was the Unirack (FOBOT) solution set, which came to site with pigtails, connectors and other parts ready to be spliced and installed. The FO solution included R&M's unique laser shuttered LC-Duplex OM4/OS2, which caters for issues relating to OH&S in the COMs room and in public areas while working with high-end laser types within the FO network. Pacific Services Group (PSG) carried out excellent installation with R&M solutions in record

time and in full compliance with R&M installation and testing guidelines. Special thanks to David Spiteri and Martyn Orford, Senior Project Manager and Principal Foreman of PSG, as well as to the team for their great support during the project duration.

A milestone achieved
Being directly involved in a major redevelopment like this was a huge milestone for R&M. This has once again confirmed the Swiss cabling company as a genuine specialist in the Australian market. The project was delivered with the help of great partners, who have,

along the way, provided excellent support and assistance. "Working as a team with PSG (installer) and Madison Technologies (distributor) has been a pleasure and we truly value this great partnership", said Emmanuel Beydon, Country Manager for R&M Australia.

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>
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After various site inspections and discussions with the customer, R&M and its partners studied the requirements and recommended performance matching products that best suit the client and application needs. Advanced staging systems and technology were implemented to provide best live stage performance for audiences, both visually and acoustically. In order to meet the requirements of such applications, R&M supported the deployment of the Neutrik etherCON Cat. 6 RJ45 Data Connector, which is specifically designed

for Ethernet networking in audio, commercial, entertainment, live stage production and DMX lighting. This is a product created through the partnership with Neutrik, an internationally recognized corporation with more than 35 years of know-how and experience in the design and manufacture of innovative interconnection systems.

In addition, this was also the first R&M Cat. 6$_A$ shielded project ever undertaken in Australia. The jack meets and exceeds the latest cabling international standard 11801 Edition 2 for 10 Gbit/s over Ethernet, and the quality of the initial tested links was also said to be exceptional. The closed cable management, a recent innovation by R&M for use in data center and office cabling, was also installed for its optimized design for high density patching.

David from PSG complimented the high level of professionalism demonstrated by R&M and Madison, and the superior product quality. "We know that we are working with a group of professionals who know their work well," said David. ■

THE R&M SOLUTION
- ■ **RJ45 connection module Cat.6$_A$ STP**
- ■ **Installation cable Real10 Cat.6$_A$ U/FTP**
- ■ **Unirack LC FOBOT 48F (black)**
- ■ **Closed 1U cable management**
- ■ **Splice wall outlet 2xLC OM3**
- ■ **CP (U-Box)**
- ■ **Harsh environment PUR patch cord (for stage platforms)**

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