

EQUIPMENT LIST

- Apple
- Atop
- Autonomic
- Comfortline
- Coolmaster
- Crestron
- DigitalMedia
- Erco
- Firetronics
- Fluke
- Foxtel
- Integriti
- James Loudspeakers
- Marantz
- Minimat
- PMC
- Rosslare
- Socomec
- Sony
- Sunpower
- Swann
- Takex
- Ubiquiti
- Ultralift
- Umet

INDUSTRY PARTNERS

- Brendan Wong Design**
Role: Interior Designer
- Belleverde Constructions**
Role: Builder
- Mark Littlefield**
Project Connection Australia Pty Ltd
Role: Electrical

IMAGES

1. Controls with floorplans are always a favorite with CEDIA's judges.
2. The system can be monitored from anywhere ...
3. To ensure maximum energy efficiency.
4. Programming 'leaving' or 'shut down' modes ensures systems are put into a hibernation state.



Advanced HOME AUTOMATION
ELECTRONIC SYSTEMS INTEGRATION



AVD AUSTRALIA PTY LIMITED

344 Eastern Valley Way, Chatswood State NSW 2067, Australia
+61 (0) 2 9906 2424 | avd.com.au | CEDIA Member Since 2007



CEDIA is the global trade organization for firms designing and installing custom residential technology, and is the leading authority on the connected home. The CEDIA Awards represent the pinnacle of excellence in the home technology industry.

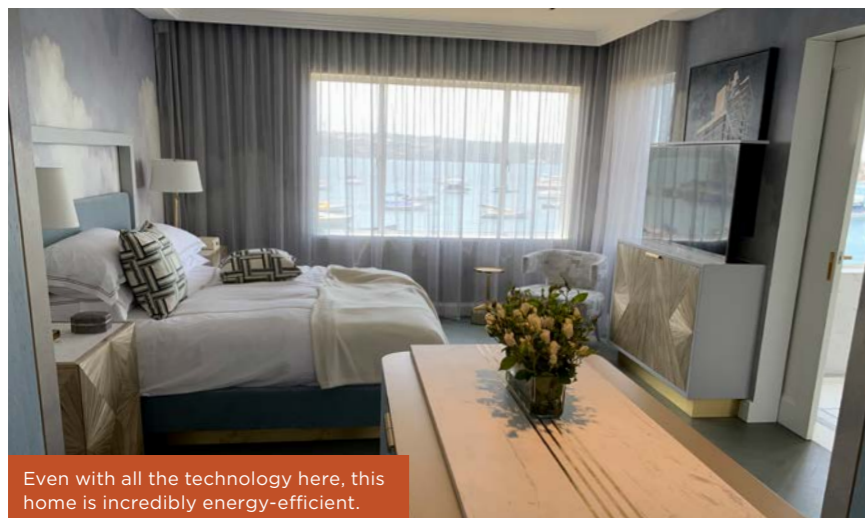


FINALIST

Integrated Home
Asia Pacific

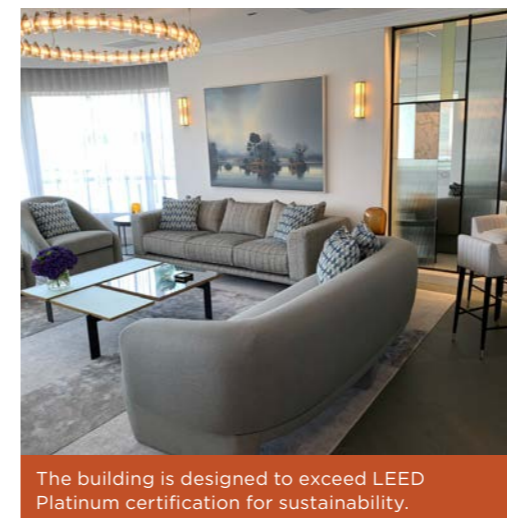


Motorised curtains and blinds make the most use of natural light.



Even with all the technology here, this home is incredibly energy-efficient.

THIS IS AN INCREDIBLY ENVIRONMENTALLY-FRIENDLY HOME, AND CEDIA'S JUDGES NOTED THE TREMENDOUS SOLAR INTEGRATION IN PLAY HERE.



The building is designed to exceed LEED Platinum certification for sustainability.



FINALIST

Integrated Home Asia Pacific

PROJECT

Longworth

TECHNOLOGY INTEGRATOR

AVD Australia Pty Ltd

The AVD team had a mission here — this is an incredibly environmentally-friendly home, and CEDIA's judges noted the tremendous solar integration in play. AVD handled full engineering of the electrical and electronic systems with a high-level focus on sustainability. The firm had control of the full lighting design with assistance from Brendan Wong for architectural fittings.

The scope of work included:

- Reduction in energy consumption through the implementation of smart systems to operate everything from lighting, motorised curtains and blinds, air conditioning, ventilation, and so on;
- Minimising heat loads by lowering blinds automatically rather than turning on the air conditioning systems;
- Creating automatic modes that ensure systems are energy efficient, and;
- Programming 'leaving' or 'shut down' modes ensuring systems are put into a hibernation state.

Another concept in play in this building is 'light harvesting', which ensures that maximum use is made of natural light entering the space. That demands automated blind and sheer curtain operation based on heat levels.

The entire home can be controlled and monitored from anywhere in the world to ensure that it's meeting the high ecological standards in place here, and the building is designed to exceed LEED Platinum certification for sustainability. The kicker? The home performs all these functions using tech that marries beautifully with the design of the space.