
Display Apartment

Assistive Technology Australia

Assistive Technology Australia (AT Australia) has built a complete and full sized one bedroom apartment, with home modifications in situ, into the new display at Blacktown. This apartment has been built to the National Livable Housing Design Guidelines, at the Platinum Level. The apartment displays various assistive technology and home modifications, some that are high tech and some that are simple and involve good design.

AT Australia would like to thank suppliers for their generosity in providing equipment to AT Australia for the display.

Home Automation

The display apartment has been fitted with a Clipsal C-Bus home automation system enabling automatic and remote control of lights and, through the Wiser Home Control “plug in” system, appliances. We have added the Push Control system app to the C bus. This enables the C-bus functions including light and entertainment to be operated from an iPad or iPhone, remotely enabling the user to control their home environment from one single mobile access point.

AT Australia will continue to explore the capacity of high tech augmentative and alternative communication systems to operate the home automation system, as currently demonstrated through the DynaVox Maestro.

Bathroom

The combined bathroom and toilet explores a number of different assistive technology solutions and alternative to traditional home modified solutions, such as the Ifo toilet suite with armrest support system, the Pressalit Care position-adjustable wall-mounted shower chair and the Maxi Sky 600 ceiling lift with additional power feature. This is set within an area showcasing a number of integrated design elements for access and safety.



Ceiling Hoists

Ceiling Hoists often require additional ceiling support structures during retrofit. Recently some hoists have come onto the market that do not require ceiling reinforcement and AT Australia is able to display two of these systems. They offer accessibility to all parts of the room, through an X-Y (H) track system, rather than being restricted to areas directly under fixed tracking.

Kitchen

The kitchen has been fitted with electric height-adjustable cupboards and bench tops. The white goods selected demonstrate accessible features and the joinery has been designed with suggestions to improve kitchen safety. Practical assistive technology equipment for eating, drinking and preparing meals is featured.

Bedroom

The bedroom includes accessible storage solutions through a pull down wardrobe rail and the overhead track hoist system found in the bedroom demonstrates a room to room connection point that is shared with the hallway. Ideas on ways to use the home automation system are demonstrated, using the bedroom switches. Assistive Technology for dressing, self-care, medication management and sleeping are some of the equipment on display.

The apartment provides many ideas about the possibilities people can apply for home living...



For more information, please contact

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