

finalising the design of the space. This specialist Consultant must work with INS/LES to assist them in developing a specification for a suitable public address system for each theatre space within appropriate performance and budget limitations.

- x The design of audio systems in theatres and other large spaces shall be biased towards

For any requested deviation from the published specification, the Contractor shall submit a full specification demonstrating compliance with the published minimum specification.

The cabling installation Subcontractor shall be responsible for adhering to good cable management practices; including but not limited to;

- x Appropriate bend radius
- x Suitable looming and lacing
- x Separation between data/power/audio/vision cable types where appropriate
- x Protection from moisture, corrosive materials and other hazards.

16.03.04 Equipment Installation Practices

The specialist AV Subcontractor responsible for the supply and installation of AV equipment shall adhere to appropriate installation practices, including but not limited to;

- x Provision of IEC-standard, 19" welded steel equipment racks to INS/LES specification
- x Use of 6mm caged nut and GU standard security bolt Fibre, plastic or nylon cup washers must be used
- x Rack-mounted power distribution
- x Power cables shortened for best fit within equipment racks
- x Audiovisual and control cabling to be loomed separate to power
- x All blank rack spaces to be covered with vent panels
- x Anti-tamper covers to be fitted to all equipment with front-panel knobs/switches
- x Cable labelling to INS/LES specification

Power cables used within equipment racks shall be terminated with side-entry plugs (eg: Clipsal 418 or similar) wherever practical.

It is a requirement that all electrical work shall be undertaken by a suitably qualified person and in accordance with the requirements of Section 20.00 Electrical Services .

The use of double adaptors of any type and switched domestic power boards is not acceptable.

16.04 Control System

16.04.01 General Requirements

All AV systems in standard teaching spaces, meeting rooms and other nominated areas shall be controlled by an integrated control system acceptable to INS/LES. The current standard for AV control systems is the 'Netlinx' controller manufactured by Netlinx.

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Where AMX programming is undertaken by the Contractor, programs shall be written to conform with any coding standards in place at the time and shall be compiled for each individual room.

- x As required elsewhere for specific situations as noted in SDFs and as determined in

16.10 Hearing Augmentation

In all-spaces greater than 100m² in area where a PA system is installed, a hearing augmentation system will be provided in accordance with BCA D3.7. Hearing augmentation systems shall provide even coverage throughout the entire space unless a restricted area is specified.