



Information Technology Services Division

ICT Volume 2: Audio Visual Standards

ICT 2.7 2012 AV Design Calculators, Tools and Resources

Audio Visual and Networks Unit

Document Version 1.0 ***Final***

Abstract

This purpose of this document is to clearly define a standard set of functional audio visual room configurations for meeting rooms and teaching spaces.

Document Control

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Document History

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ICT 2.0 Addenda and Updates

ICT 2.1 Room Standards

ICT 2.2 Technical design standards

ICT 2.3 Videoconferencing standards

ICT 2.4 Signoff and Commissioning Checklist

ICT 2.5 AMX Programming Standards

ICT 2.6 Detailed Design Specifications

ICT 2.7 Design Calculators, Tools and Resources

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1 Standards Brief & Policy

This standards document, and the collection of standards to which it belongs, is aimed at providing clear guidance to contractors and staff engaged to undertake audio visual works in University teaching spaces and meeting rooms. The objectives of the standards documents are to ensure consistent interpretation of technical requirements, and consistent delivery of functioning and maintainable spaces.

This document should be used when planning refurbishments or any new work for audio visual installations throughout the University. This document defines a standard set of room configurations that will allow the University to have common teaching spaces on all campuses that are easy to use, easy to support and highly reliable. This will allow a common user experience – the same look, feel and operation of audio visual and IT equipment – across rooms on all of the University's campuses.

1.1 Standards Document Access

All Deakin University ITSD and contracted personnel are provided access to this document.

Designers, installers and contractors must ensure they have the most current version of all standards prior to engaging in any work.

The most recent version of the Standards can be found on the internet at:

<http://www.deakin.edu.au/ict/standards/active.php>

and the most recent version of all associated Resources are available at:

<http://www.deakin.edu.au/ict/standards/resources.php>

1.2 Policy – Related Documents

Many aspects of the system design requirements are specified in other companion documents within Volume 2 of the Deakin ICT Standards. All documents within Volume 2 must be read together to constitute the complete Standard.

In addition, 2.0 Addenda and Updates must also be read in conjunction with this document, it contains important incremental updates and additional information.

1.3 Conflict of Information or Clarification

Whenever a conflict of information occurs or clarification of instruction is required all queries shall be made to the **ITSD AV and Networking Unit Leader**.

1.4 Non-standard configurations

All non-standard implementations **must** be approved in writing by the **ITSD AV and Networks Unit Leader** strictly on a case-by-case basis.

1.5 Document currency

The AV Design Calculators, Tools and Resources apply immediately they are published at the urls set out below, and immediately supersede earlier versions of the AV Design Calculators, Tools and Resources.

2 AV Design Calculators, Tools and Resources

The Design Calculators, Tools and Resources are published at the following urls:

2.1 Custom solution justification, specification, approval and waiver form

<http://www.deakin.edu.au/ict/docs/resources/Resource 2.7.1 AV Custom Approval Form.doc>

2.2 Sight-lines, viewing distances and angles – design formulae and rules

<http://www.deakin.edu.au/ict/docs/resources/Resource 2.7.2 Sight Lines.pdf>

2.3 Microphone placement rules and configurator

<http://www.deakin.edu.au/ict/docs/resources/Resource 2.7.3 Microphone Placement.pdf>

2.4 Camera presets

<http://www.deakin.edu.au/ict/docs/resources/Resource 2.7.4 Camera Presets.pdf>

2.5 Commissioning procedures and configuration form for codecs

<http://www.deakin.edu.au/ict/docs/resources/Resource 2.7.5 Commissioning Codec Form.xlsx>

2.6 Commissioning procedure for radio microphones

<http://www.deakin.edu.au/ict/docs/resources/Resource 2.7.6 Commissioning Radio Microphone Form.doc>

2.7 Videoconference site audit

<http://www.deakin.edu.au/ict/docs/resources/Resource 2.7.7 Videoconference Site Audit Form.xlsx>

2.8 Other

Please refer to all other Design Calculators, Tools and Resources as listed at:

<http://www.deakin.edu.au/ict/standards/resources.php>

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