



Australian Government

CUASOU501 Manage audio operations for outdoor events

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with <i>CUA Live Performance and Entertainment Training Package Version 1.0</i> .

Application

This unit describes the performance outcomes, skills and knowledge required to plan, install and manage the operation of audio systems at outdoor events where factors such as weather conditions can significantly affect operations.

Individuals who apply these skills are expected to display a high level of initiative and judgement as they take responsibility for ensuring the quality of sound at productions and events held outdoors.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Media and entertainment production - audio/sound

Elements and Performance Criteria

Elements <i>Elements describe the essential outcomes.</i>	Performance Criteria <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan audio for outdoor events	1.1 Determine audio requirements in consultation with relevant personnel and with reference to production documentation 1.2 Review regulations that affect the design of outdoor audio systems, with particular reference to noise pollution and insurance requirements 1.3 Assess venues or sites to determine specific factors to consider when setting up outdoor audio systems, and plan for contingencies 1.4 Record site information in an appropriate format to assist with system design 1.5 Develop audio system specifications which take full account of power issues, loudspeaker requirements and sound pressure factors 1.6 Develop schedules of outdoor audio system requirements, with specific reference to additional infrastructure and equipment requirements 1.7 Reach agreement on final configuration of outdoor audio systems, allowing adequate time for installation and testing prior to events
2. Install audio systems for outdoor events	2.1 Complete checks to ensure availability of all resources prior to installation phase 2.2 Install audio systems according to safety procedures and test for their compliance with site restrictions, emergency procedures and noise pollution limitations 2.3 Use the services of licensed personnel to complete specialised work as required 2.4 Liaise with relevant personnel during installation to ensure efficiency of installation and their cooperation 2.5 Ensure a sufficient reserve of mains power
3. Monitor outdoor audio operations	3.1 Monitor sound dispersion, weather and overall sound quality and take action to rectify problems 3.2 Monitor reporting system for sound pressure levels at various positions on and off site 3.3 Monitor ambient temperature and re-evaluate time delay settings accordingly 3.4 Communicate with colleagues during operation to share

	<p>information and ensure quality of productions</p> <p>3.5 In consultation with relevant personnel, evaluate effectiveness of outdoor audio operations and note areas for future improvement</p>
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Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Learning	3.5	<ul style="list-style-type: none"> Seeks feedback from others to understand and identify areas for improvement
Reading	1.1, 1.2	<ul style="list-style-type: none"> Obtains information from complex written sources
Writing	1.4	<ul style="list-style-type: none"> Prepares and maintains workplace documentation
Oral communication	1.1, 1.3, 1.7, 2.3, 2.4, 3.4, 3.5	<ul style="list-style-type: none"> Obtains information by listening and questioning Uses clear language to contribute information and express requirements
Numeracy	1.5	<ul style="list-style-type: none"> Performs calculations and takes measurements when developing audio system specifications
Navigate the world of work	1.1, 1.2, 1.4, 1.7, 2.3, 2.4, 2.5	<ul style="list-style-type: none"> Works independently and collectively with a strong sense of responsibility for goals, plans, decisions and outcomes Follows workplace protocols, as well as regulatory and safety procedures
Interact with others	1.1, 1.3, 1.7, 2.3, 2.4, 3.4, 3.5	<ul style="list-style-type: none"> Builds rapport in order to establish effective work relationships Recognises and applies appropriate communication protocols Takes a leadership role when managing audio operations for outdoor events
Get the work done	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 3.3, 3.4	<ul style="list-style-type: none"> Sequences and schedules complex activities, monitors implementation and manages relevant communication Reviews progress against goals, adjusting plans and resources to cope with contingencies Considers whether, and how, others should be involved Responds to problems requiring immediate attention, drawing on past experience to devise solutions Manages time efficiently to meet work deadlines

		<ul style="list-style-type: none">• Applies knowledge of audio concepts and principles to the installation and management of audio operations for outdoor events• Uses standard word processing and spreadsheet applications to prepare audio documentation
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Unit Mapping Information

Code and Title Current Version	Code and Title Previous Version	Comments	E/N
CUASOU501 Manage audio operations for outdoor events	CUESOU13B Specify, install and operate audio for an outdoor event	Updated to meet Standards for Training Packages	E

Links

Companion volumes are available at: - <http://www.ibsa.org.au>