CUASOU402 Manage audio input sources

Release: 2

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Modification History

Release	Comments
Release 2	This version released with CUA Creative Arts and Culture Training Package version 2.0. Updated assessment conditions section. Updated modification history section to reflect changed name of training package.
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 1.0.

Application

This unit describes the performance outcomes, skills and knowledge required to select and manage microphones and other audio input sources for productions in the screen, media, entertainment and events industries.

Individuals who apply these skills work autonomously in a team environment as they work to achieve the best possible audio outcomes for performances or shows. They may also be responsible for supervising others.

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	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Organise input sources	1.1 Determine audio requirements and timelines in consultation with relevant personnel and with reference to production documentation
	1.2 Assess venues to determine input source options based on acoustic analyses that take physical limitations into account
	1.3 Take acoustic sources of audio into account when identifying

	preferred microphone placement
	1.4 Clarify the backline needs of musical groups as required and organise microphones and other input sources accordingly
	1.5 Keep up-to-date with developments in audio technology to ensure the most appropriate selection of microphones and the best approach to audio operations
	1.6 Reach agreement on placement and organisation of microphones and other audio input sources prior to technical run-throughs or rehearsals
2. Maximise gain on stage	2.1 Place and connect microphones in desired locations using safe work practices
	2.2 Position microphones appropriately to achieve required gain
	2.3 Increase gain before feedback through effective use of equalisation options and effects equipment
3. Manage inputs	3.1 Prepare and implement appropriate microphone plots
	3.2 Patch microphone signals to audio mixing desk, including multiple signals as required
	3.3 Prepare and maintain an input signal failure plan
	3.4 Test input sources, identify problems promptly and take appropriate action to rectify
	3.5 In consultation with relevant personnel, evaluate quality of audio set-up and note areas for future improvement

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
Reading	1.1, 1.5	• Obtains information from a range of written sources
Writing	3.1, 3.3, 3.5	• Prepares and updates workplace documentation • Documents outcomes of evaluations
Oral communication	1.1, 1.4, 1.5, 1.6, 3.4, 3.5	• Obtains information by listening and questioning • Discusses ideas and solutions in relation to

			audio operations
Navigate the world of work	1.1, 1.2, 1.6, 2.1, 3.5	•	Follows workplace protocols and safety procedures
		•	Demonstrates a commitment to improving own work performance through contributing to evaluations of audio set-ups
Interact with others	1.1, 1.4, 1.5, 1.6, 3.4, 3.5	•	Works collaboratively to determine and complete requirements
		•	Follows accepted communication practices and protocols
Get the work done	1.1, 1.2, 1.3, 1.4, 1.6, 2.1, 2.2, 2.3, 3.1, 3.2, 3.3, 3.4,	•	Adopts a methodical and logical approach to preparing microphone plots and managing audio input sources
		•	Assesses venues from an acoustic perspective to inform decisions about placement of audio equipment and accessories
		•	Recognises and takes responsibility for addressing predictable, and some less predictable, problems that arise in audio operations
		•	Meets work deadlines
		•	Applies knowledge of audio concepts and principles to the set-up and operation of audio equipment and accessories
		•	Uses standard word processing and spreadsheet applications to update audio documentation

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUASOU402 Manage audio input sources (Release 2)	CUASOU402 Manage audio input sources (Release 1)	Updated assessment conditions section. Updated modification history section to reflect changed name of training package.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5