



Australian Government

CUASOU412 Manage audio input sources

Release: 1

CUASOU412 Manage audio input sources

Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 5.0.

Application

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

The unit applies to those who are responsible for managing audio input sources and who work to help achieve quality audio outcomes for recordings, performances and shows. They work autonomously in a team environment and may also have limited responsibility 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

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for production	1.1 Determine audio requirements and timeframes using production documentation and in consultation with required personnel 1.2 Assess venue and determine input source options based on acoustic analysis and accounting for any physical limitations 1.3 Identify microphone placement according to production requirements and accounting for acoustic sources of audio 1.4 Clarify backline needs of performers and organise microphones and other input sources as required 1.5 Confirm final placement and organisation of microphones and other audio input sources prior to technical run-through or

ELEMENT	PERFORMANCE CRITERIA
	rehearsals 1.6 Undertake required audio input checks and complete audio documentation according to organisational procedures
2. Set optimum levels for audio inputs	2.1 Connect microphones in desired locations according to safe work practices 2.2 Set optimum levels for all microphones and audio inputs 2.3 Increase gain before feedback using equalisation and effects equipment
3. Manage inputs	3.1 Prepare and review input signal failure plan 3.2 Test input sources, identify problems and take action to rectify as required 3.3 Evaluate quality of audio set-up and note areas for future improvement in consultation with required personnel

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Oral communication	<ul style="list-style-type: none"> Obtains information by listening and questioning
Reading	<ul style="list-style-type: none"> Obtains information from written sources and production documentation
Writing	<ul style="list-style-type: none"> Prepares and updates workplace documentation Documents outcomes of evaluations
Problem solving	<ul style="list-style-type: none"> Recognises and takes responsibility for addressing predictable, and some less predictable, problems that arise in audio operations
Planning and organising	<ul style="list-style-type: none"> Adopts a methodical and logical approach to preparing microphone plots and managing audio input sources
Self-management	<ul style="list-style-type: none"> Follows workplace protocols and safety procedures Applies knowledge of audio concepts and principles to set-up and operation of audio equipment and accessories
Teamwork	<ul style="list-style-type: none"> Works collaboratively to determine and complete requirements
Technology	<ul style="list-style-type: none"> Uses standard applications when updating audio documentation

Unit Mapping Information

Supersedes and is equivalent to CUASOU402 Manage audio input sources.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>