

CCSMT14

Operate professional audio equipment, OB, ambience sound recording and studio sound recording



Overview

Recording live performance is not just about using one recording system and knowing only that approach. You must show a good operating knowledge of the audio signal recording chain(s) and be able to migrate those skills towards operating other recording devices or DAW's.

It is very common to record live sources in one place and recall materials recorded into another environment such as recording studios, programming suites, radio stations or mixing studios. This standard outlines basic needs and knowledge for individuals to show they can independently operate and perform basic recording tasks at 24 track level. A live stereo recording is also required. You will need to keep exact records of the live recorded set up and sources of recording with a full detailed and dated 24 track recall sheet completed.

You are required to implement actions to safely secure and save entire recorded content in original states via BWAV, WAV, AIFF, (file formats) DVD, DVD RAM, Digital removable HD CADDY, TAPE, DAT, CD, External HD.

It will ensure a basic understanding of keeping recordings and DAW files in their original state and professionally transferring them without any degradation, timing issues or loss of quality.

This standard utilises the multi tasking skills expected of today's recording engineers and programmers. Any performance(s) can be recorded at this level – two differing performance styles are recommended

You will need to record a variety of requested sources. It is also important to understand that the material which is being recorded may be passed on to another engineer. The recording needs to be representative of the original source and useable by others. In these ways this standard demonstrates that you have a clear basic working knowledge of the recording chain, signal levels and archiving.

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Performance criteria

You must be able to:

- P1 prepare connection of all instruments
- P2 prepare microphone placements suited for performance being recorded.
- P3 set up stereo mics for stereo recording
- P4 connect and route instruments to digital or analogue recording systems including:
 - 4.1 set up a computer-based audio systems
 - 4.2 set up a digital multi-track devices
 - 4.3 set up a analogue multi-track devices
- P5 operate computer based menus and parameters to save audio files
- P6 record all sources onto multi track machine and stereo
- P7 make observed adjustments during the recording whilst monitoring the material under observation
- P8 review the recorded signal levels of audio material
- P9 balance the discrete recorded tracks to improve the clarity of all playback levels
- P10 safely operate machinery, menus and parameters to store recordings
- P11 archive and back up files and migrate to another DAW
- P12 create detailed track sheet of recorded performances
- P13 recall programs & content and import files into another DAW
- P14 carry out name management, title working tracks to be edited
- P15 use computerised file structures to safely store files
- P16 use different types of storage media to backup and transfer files
- P17 create final named and dated archive with safety copy online/offline
- P18 reset and tidy equipment/shut down recording equipment/DAW
- P19 use SPARS labelling system or correct labelling system
(Dated/source/Engineer etc) required for other formats.

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Knowledge and understanding

You need to know and understand:

- K1 how to prepare a variety of external
- K2 analogue connections for instruments
- K3 how to route a variety of connections to digital or analogue recording
- K4 how to prepare and use a digital or analogue recording devices
- K5 the acoustic space & properties and how to manage them
- K6 the importance of preserving original audio content
- K7 good practice in the operation of the recording process on digital or analogue recording devices
- K8 how to make observed adjustments on recorded material
- K9 the use of balancing of levels on recorded material
- K10 how to Save and archive all materials created and recall (export/import) all materials from archive into DAW
- K11 ways of using pro storage media to secure audio materials and data
- K12 how to migrate and transfer audio location, import audio location and save audio files
- K13 how to trace and track audio materials coherently
- K14 recordings saved, folders/path/chain of archived events, saved audio history
- K15 the correct use of SPARS labelling system or correct labelling system (Dated/source/Engineer etc) required for other format

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