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Home > Network and technology service docs > Vscene > Learn more about Vscene > Introduction to Videoconferencing > Taking part in a videoconference - advice for participants > Echo cancellers

Echo cancellers

To reduce echoes caused by transmission delays, special devices known as "Echo Cancellers" are used. These devices when operating efficiently can almost eliminate all traces of echo during a conference. Room acoustics and microphone positions also affect the level of echo. If a microphone is moved or its sensitivity is altered during the conference, echo could be introduced until the echo canceller has realigned itself to the new environment. A good echo canceller is dynamic in operation and is able to continually monitor the situation and alter the correction as a conference is taking place to reduce echo to a minimum. They are an essential element of high quality videoconferencing.

Source URL: https://community-stg.jisc.ac.uk/library/janet-services-documentation/echo-cancellers