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NOISE-CANCELLING TELEPHONE HANDSET

Abstract

A radio or telephone handset configured with the usual transmitter and receiver (12) ends and connecting handle is designed to have physical characteristics that provide acoustic characteristics to complement noise cancellation circuitry. The receiver (15) is mounted in the receiver cap (12), which is built with a domed, apertured earpiece (19) extending from the exterior surface of the receiver cap (12). A housing (23) mounted into the earpiece (19) and extending out therefrom, contains a noise-cancellation microphone (22). The housing (23) thus extends the microphone (22) into a user's outer ear thereby to enable the microphone to sample ambient noise close to the user's eardrum.

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