SIMPLE SPEECH FILTER

The telephone system has been designed for speech communication. The bandwidth of the system is 300 Hz to 3400 Hz, which has been arrived at after many years of experimentation. Thus, it is true to say that much of the information in speech is contained between these frequency limits. The circuit shows a filter structure that will simulate the telephone bandwidth. It could have many uses, for instance as a 'speech filter' for noisy radio reception or land line communications, or as a voice detector for a light show.