

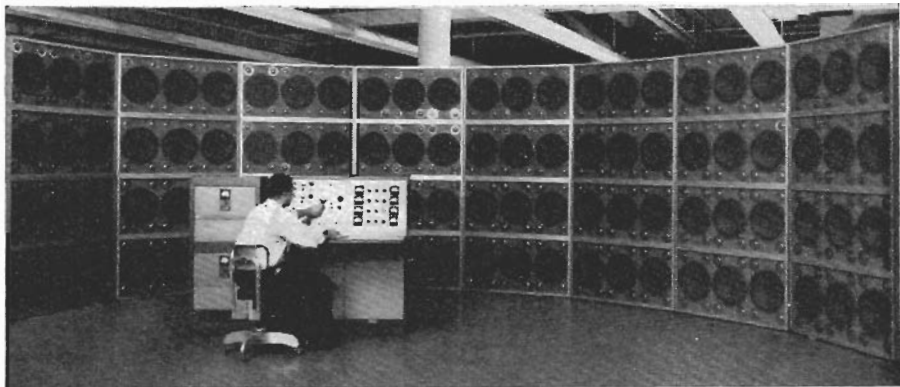
WALL of SOUND

THIS bank of 480 speakers was not built for esthetic effects, as the title might suggest, but for the serious study of the physical effects of high-intensity sound. It will be used by the Wright Air Development Div., Wright-Patterson Air

Force Base, Ohio, for whom it was designed and constructed by Stromberg-Carlson.

acoustic power. Power is supplied from two 7,000-watt amplifiers. An alternate pair of 200-watt amplifiers is used for low-power work.

Four inputs are provided: sinewave; white noise; tape recordings of jet en-



gines, missiles or other noise; and external. The four input sources can be mixed in any desired combination and supplied to the amplifiers at any required level indicated on a meter. A safety precaution makes it necessary for the operator to "turn down the volume" before energy can be applied to the high-power amplifiers.

The system is flat from 20 through 20,000 cycles, at powers up to 14,000 watts. The speakers are arranged in 32 baffles of 15 speakers each—3 woofers and 12 tweeters, all specially built to deliver high fidelity sound at unusual