INSTRUMENTS IN THE **ORCHESTRA:**

(11) The Trombone

THE eleventh of a series of short articles on the instruments of the National Orchestra, written to help interested listeners towards a more informed apprecia-tion of orchestral music and a better understanding of the resources at the command of the conductor.

T was not until the time of Beethoven that the trombone found a place in the symphony orchestra. Even Beethoven ignored it when composing his first four symphonies, but its debut in the C Minor Symphony was a glorious one. The instrument is descended from the sackbut, which had essentially the same form as the trombone has to-day. The sackbut was a popular instrument throughout Europe and was used in many different combinations of instruments. Handel used the trombone but, curiously, it seems to have fallen from

popularity after his death. A quarter of a century after Handel died, a service in memory of him was held in Westminster Abbey, and concerning it Dr. Burney wrote, "In order to render the band as powerful and complete as possible it was determined to employ every species of instrument that was capable of producing grand effects in a great ... spacious but great orchestra and building. the Sacbut or Double Trumpet was sought; but so many years had elapsed since it had been used this kingdom that neither the instrument, nor a performer on it, could easily be found. It was, however, discovered that . . . in His Majesty's military band there were six musicians who played the three several species of sacbut; tenor, base and double base."

But within another 20 years the good doctor

was recording, "Tromboni and doubledrums are now so frequently used at the opera, oratorios, and in symphonies that they are become a nuisance to lovers of pure harmony and refined tones, for, in fact, the vibrations of these instruments produce noise, not musical sounds."

The trombone is a brass instrument with a cylindrical bore and a cup-shaped mouthpiece. The principles of playing are the same as for the trumpet and other brass instruments, but a pair of slides are used to bring into effect the extra sections of tubing used for bridging the gaps in the open scale. There



Spencer Digby photograph

RALPH OWERS Principal trombonist of the National Orchestra

(continued from previous page) 1

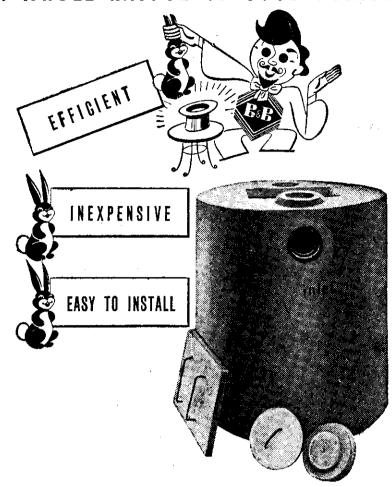
musical melodrama, which turns out to be both genuine opera and spine-tingling thriller. . . . an amalgamation of beautiful music and frightening melodrama." Time says it is "thick in horror and thin in music," but that "some of the atmospheric horror music was more blood-curdling than Puccini's." Whether it is good opera or not can only be decided in time, and on closer acquaintance, but at least it is a possibility-if men like Britten and Menotti continue as they are progressing at the moment
—that English-speaking opera may yet become a genuinely popular art form.

are seven positions of the slide, corresponding to the seven shifts on the violin and the seven positions on valve instruments. A species of trombone equipped with valves is occasionally used.

Among the works in which the trombone has a prominent part are three quartets by Beethoven, Mozart's Requiem, The Symphonie Funèbre et Triomphale of Berlioz, and several concerti composed by the first travelling virtuoso of the instrument, F. A. Belcke.

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