

MARINE TRUMPET.

THIS is a stringed instrument, invented in the 16th century by an Italian artist Marino or Marigni, and called a *trumpet*, because it takes only the notes of the trumpet, with all its omissions and imperfections, and can therefore execute only such melodies as are fitted for that instrument. It is a very curious instrument, though of small musical powers, because its mode of performance is totally unlike that of other stringed instruments; and it deserves our very particular attention, because it lays open the mechanism of musical sounds more than any thing we are acquainted with; and we shall therefore make use of it in order to communicate to our readers a philosophical theory of music, which we have already treated in detail as a liberal or scientific art.

The trumpet marine is commonly made in the form of a long triangular pyramid, ABCD, (Plate VI. fig. 8.) on which a single string EFG is strained over a bridge F by means of the finger pin L. At the narrow end are several frets 1, 2, 3, 4, 5, &c. between E and K, which divide the length EF,