



KARAOKE APPARATUS WITH INDIVIDUAL SCORING OF DUET SINGERS

ABSTRACT

The karaoke apparatus is constructed for accompanying a karaoke music on a singer according to music information. In the karaoke apparatus, a providing device provides the music information containing accompaniment data and at least first reference data and second reference data, respectively, corresponding to a first part and a second part of the karaoke music. A generating device generates the karaoke music according to the accompaniment data while a first singer sings the first part along with the karaoke music and a second singer sings the second part along with the karaoke music. A collecting device collects a first singing voice of the first singer and a second singing voice of the second singer during progression of the karaoke music. An extracting device extracts from the collected first singing voice a first music property characteristic to a singing skill of the first singer, and separately extracts from the second singing voice a second music property characteristic to a singing skill of the second singer. A scoring device compares the first music property with the first reference data to evaluate the singing skill of the first singer, and compares the second music property with the second reference data to evaluate the singing skill of the second singer so that the singing skill of the first singer and the singing skill of the second singer can be scored individually and independently from one another while the first singing voice and the second singing voice are mixed to each other.

(Refer Figure 6)

