CLAIMS

1. A voice output apparatus, comprising:

a word data storage that stores first voice data in a first language and second voice data in a second language as voice data with respect to respective words;

a replay mode selector that makes a user select one replay mode from among replay modes for replaying the first voice data and the second voice data of the respective words; and

a word outputter that outputs the first voice data and the second voice data of the respective words as the voice data from a voice outputter in an order in accordance with the replay mode selected by the replay mode selector.

2. The voice output apparatus according to claim 1, wherein

the replay mode selector makes the usere select one replay mode from among replay modes including an automatic replay mode and a manual replay mode, the automatic replay mode being a mode where the first voice data and the second voice data are output in the order automatically switched, the manual replay mode being a mode where the first voice data and the second voice data are output in the order manualy switched in response to a user operation.

3. The voice output apparatus according to claim 2, comprising:

a temporary stopper that temporarily stops an output of the voice data in response to a user operation in a state where the first voice data and the secod voice data of the respective words are output in the order automatically switched by the word outputter when the automatic replay mode is selected by the replay mode selector; and

a word checker that stores check data in correlation with the respective words in response to a user operation during the temporal stop of the output of the voice data of the respective words by the temporary stopper.

4. The voice output apparatus according to claim 1, wherein:

the word data storage stores, for the respective words, spelling data in the first language, pronunciation data as the first voice data, character data indicating a meaning in the second language, and meaning voice data corresponding to the character data as the second voice data; and

the word outputter outputs the pronunciation data and the meaning voice data from the voice outputter in the order, in accordance with the replay mode

selected by the replay mode selector, while displaying the spelling data and the character data on a display in the order.

5. A voice output method in a voice output apparatus including word data memory that stores first voice data in a first language and second voice data in a second language with respect to respective words as voice data, the method comprising:

a replay mode selecting step of selecting one replay mode from among replay modes for replaying the first voice data and the second voice data of the respective words, in response to a user operation; and

a word output step of outputting the first voice data and the second voice data of the respective words as the voice data from a voice outputter in an order in accordance with the replay mode selected in the replay mode selecting step.

6. The voice output method according to claim 5, wherein,

the replay mode selection step includes a step of selecting one replay mode from among replay modes including an automatic replay mode and a manual replay mode, the automatic replay mode being a mode where the first voice data and the second voice data are output in the order automatically switched, the manual replay mode being a mode where the first voice data and the second voice data are output in the order manualy switched in response to a user operation

7. The voice output method according to claim 6, further comprising:

a temporary stopping step of temporarily stopping an output of the voice data in response to a user operation in a state where the first voice data and the secod voice data of the respective words are output in the order automatically switched when the automatic replay mode is selected by the replay mode selecting step; and

a word checking step of storing check data in correlation with the respective words in response to a user operation during the temporal stop of the output of the voice data of the respective words by the temporary stopping step.

8. The voice output method according to claim 5, wherein:

the word data memory stores, for the respective words, spelling data in the first language and pronunciation data as the first voice data, character data indicating a meaning of the word in the second language, and meaning voice data corresponding to the character data as the second voice data, and

the word outputting step includes a step of pronunciation data and the meaning voice data from the voice outputter in an order, in accordance with the replay mode selected by the replay mode selecting step, while displaying the spelling data and the character data on a display in the order.

CLAIMS

1. A voice output apparatus, comprising:

a word data storage that stores first voice data in a first language and second voice data in a second language as voice data with respect to respective words;

a replay mode selector that makes a user select one replay mode from among replay modes including an automatic replay mode and a manual replay mode for replaying the first voice data and the second voice data of the respective words, the automatic replay mode being a mode where the first voice data and the second voice data are outputted in the order automatically switched, the manual replay mode being a mode where the first voice data and the second voice data are outputted in the order manually switched in response to a user operation; a word outputter that outputs the first voice data and the second voice data of the respective words as the voice data from a voice outputter in an order in accordance with the replay mode selected by the replay mode selector;

a temporary stopper that temporarily stops an output of the voice data in response to a user operation in a state where the first voice data and the second voice data of the respective words are outputted in the order automatically switched by the word outputter when the automatic replay mode is selected by the replay mode selector; and

a word checker that stores check data in correlation with respective words in response to a user operation during the temporal stop of the output of the voice data of the respective words by the temporary stopper.

2. The voice output apparatus according to claim 1, wherein

the word checker does not store the check data in response to the user operation in a state where the output of the voice data is not temporarily stopped when the automatic replay mode is selected by the replay mode selector.

3. A voice output apparatus, comprising:

a word data storage that stores first voice data in a first language and second voice data in a second language as voice data with respect to respective words;

a replay mode selector that makes a user to select one replay mode from among replay modes including an automatic replay mode and a manual replay mode for replaying the first voice data and the second voice data of the respective words, the automatic replay mode being a mode where the first voice data and the second voice data are output in the order automatically switched, the manual replay mode being a mode where the first voice data and the second voice data are output in the order manually switched in response to a user operation;

a word outputter that outputs the first voice data and the second voice data of the respective words as the voice data from a voice outputter in an order in accordance with the replay mode selected by the replay mode selector;

a word checker that stores check data in correlation with the respective words with respect to the voice data outputted by the word outputter in response to a user operation;

a temporary stopper that temporarily stops an output of the voice data in response to a user operation in a state where the first voice data and the second voice data of the respective words are output in the order automatically switched by the word outputter when the automatic replay mode is selected by the replay mode selector; and

a controller that makes the word checker not to store the check data in a state where the output of the voice data is not temporarily stopped by the temporary stopper when the automatic replay mode is selected by the replay mode selector.

4. The voice output apparatus according to any one of claims 1 to 3, wherein:

the word data storage stores, for the respective words, spelling in the first language, pronunciation data as the first voice data, character data indicating a meaning in the second language, and meaning voice data corresponding to the character data as the second voice data; and

the word outputter outputs the pronunciation data and the meaning voice data from the voice outputter in the order, in accordance with the replay mode selected by the replay mode selector, while displaying the spelling data and the character data on a display in the order.

5. A voice output method in a voice output apparatus including word data memory that stores first voice data in a first language and second voice data in a second language with respect to respective words as voice data, the method comprising:

a reply mode selecting step of selecting one replay mode from among replay modes including an automatic replay mode and a manual replay mode for replaying the first voice data and the second voice data of the respective words, in response to a user operation, the automatic replay mode being a mode where the first voice data and the second voice data are outputted in the order automatically switched, the manual replay mode being a mode where the first voice data and the second voice data are outputted in the order manually switched in response to a user operation;

a word output step of outputting the first voice data and the second voice data of the respective words as the voice data from a voice outputter in an order in accordance with the replay mode selected in the replay mode selecting step;

a temporary stopping step of temporarily stopping an output of the voice data in response to a user operation in a state where the first voice data and the second voice data of the respective words are output in the order automatically switched when automatic replay mode is selected by the replay mode selecting step; and

a word checking step of storing check data in correlation with respective words in response to a user operation during the temporal stop of the output of the voice data of the respective words by the temporary stopping step.

6. The voice output method according to claim 5, wherein

in the word checking step, the check data that is not stored in response to the user operation in a state where the output of the voice data is not temporarily stopped when the automatic replay mode is selected by the replay mode selector.

7. A voice data output method in a voice output apparatus including word data memory that stores first voice data in a first language and second voice data in a second language with respect to respective words as voice data, the method comprising:

a replay mode selecting step of selecting one replay mode from among replay modes including an automatic replay mode and a manual replay mode for replaying the first voice data and the second voice data of the respective words, in response to a user operation, the automatic replay mode being a mode where the first voice data and the second voice data are output in the order automatically switched, the manual replay mode being a mode where the first voice data and the second voice data are output in the order manually switched in response to a user operation;

a word output step of outputting the first voice data and the second voice data of the respective words as the voice data from a voice outputter in an order in accordance with the replay mode selected in the replay mode selecting step;

a word checking step of storing check data in correlation with the respective words with respect to the voice data outputted by the word output step in response to a user operation;

a temporary stopping step of temporarily stopping an output of the voice data in response to a user operation in a state where the first voice data and the second voice data of the respective words are outputted in the order automatically switched when the automatic replay mode is selected by the replay mode selecting step; and

a controlling step of making the word checking step not to store the check data in a state where the output of the voice data is not temporarily stopped by the temporary stopper when the automatic replay mode is selected by the replay mode selector.

8. The voice output method according to any one of the claims 5 to 7, wherein:

the word data memory stores, for the respective words, spelling data in the first language and pronunciation data as the first voice data, character data indicating a meaning of the word in the second language, and meaning voice data corresponding to the character data as the second voice data, and

the word outputting step includes a step of pronunciation data and the meaning voice data from the voice outputter in an order, in accordance with the replay mode selected by the replay mode selecting step, while displaying the spelling data and the character data on a display in the order.