

movement operation; and a control unit configured to configure a point corresponding to a position on the map image as a point relating to navigation, the position in which the display position of the selected symbol is moved to in response to a configuration operation.

BRIEF DESCRIPTION OF THE DRAWINGS

[0015] The above objects and advantages of the present invention will become more apparent by describing in detail preferred exemplary embodiments thereof with reference to the accompanying drawings, wherein:

[0016] **FIG. 1** is an outline view of a vehicle-mounted acoustic apparatus in first to fourth embodiments of an electronic equipment according to the invention;

[0017] **FIG. 2** is a block diagram showing a system configuration of the vehicle-mounted acoustic apparatus in the first to fourth embodiments according to the invention;

[0018] **FIGS. 3a** through **3e** are diagrams showing an operating procedure of controlling a CD player device of the vehicle-mounted acoustic apparatus in the first embodiment according to the invention;

[0019] **FIG. 4** is a flowchart of control processing of the CD player device performed by a main CPU in the first embodiment according to the invention;

[0020] **FIGS. 5a** through **5e** are diagrams showing an operating procedure of controlling a CD changer device of the vehicle-mounted acoustic apparatus in the second embodiment according to the invention;

[0021] **FIGS. 6a** through **6e** are diagrams showing an operating procedure of controlling a sound source device of the vehicle-mounted acoustic apparatus in the third embodiment according to the invention;

[0022] **FIGS. 7a** through **7e** are diagrams showing an operating procedure of changing a title of music of the vehicle-mounted acoustic apparatus in the fourth embodiment according to the invention;

[0023] **FIG. 8** is an outline view of a display system apparatus in a fifth embodiment according to the invention;

[0024] **FIG. 9** is a block diagram showing a system configuration of the display system apparatus in the fifth embodiment according to the invention;

[0025] **FIG. 10** is a block diagram showing a system configuration of a navigation apparatus in a sixth embodiment according to the invention; and

[0026] **FIGS. 11a** through **22e** are diagrams showing an operating procedure of point registration of the navigation apparatus in the sixth embodiment according to the invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0027] Hereinbelow, first to fourth embodiments of an electronic equipment according to the invention will be described with reference to the drawings by taking a vehicle-mounted acoustic apparatus as an example of the electronic

equipment. **FIG. 1** is an outline view showing a structure of the vehicle-mounted acoustic apparatus in the first to fourth embodiments.

[0028] The vehicle-mounted acoustic apparatus shown in **FIG. 1** is provided with an operating panel **2** on the front of a cabinet **1**. A volume knob **3** for volume control is provided in a position near to the end of the operating panel **2**. Also, an opening **2a** is formed in the approximately center of the operating panel **2** and a display touch sensor **4** is exposed to an opening **2a** of the operating panel **2**. Specifically, the vehicle-mounted acoustic apparatus is configured so that a touch sensor having a switch function of shifting to an state in response to a touch (also called "depression" which applies to the other embodiments) is placed on a display surface of a display having a display function.

[0029] A display (corresponding to display unit) is constructed of an LCD (liquid crystal display device). Also, a touch sensor is constructed of a transparent conductive film using ITO (Indium Tin Oxide: a compound of indium, tin and oxygen) as material, and is formed on a display surface of the LCD by an electron beam evaporation method or a sputtering method.

[0030] **FIG. 2** is a block diagram showing a system configuration of the vehicle-mounted acoustic apparatus of **FIG. 1**. A sound source device **10** for providing a sound source such as a sound or a musical sound comprises a radio device **11**, a CD player device **12**, a CD changer device **13**, an MD changer device **14** and other devices **15**. A main CPU **20** (corresponding to selection unit, movement unit and control unit) is connected to each of these devices through a system bus, and performs control with respect to each the device in response to a command of a user inputted from the display touch sensor **4**. The main CPU **20** is connected to the display touch sensor **4** through an interface circuit **30**, and captures a command from a touch sensor **4a** in response to an operation of the user, and outputs image data to be displayed to a display **4b**.

[0031] **FIGS. 3a** through **3e** are diagrams showing an operating procedure of the case of controlling the CD player device **12** in a first embodiment. **FIG. 4** is a flowchart of control processing by the main CPU **20**. An operation of the first embodiment will be described below with reference to **FIGS. 3a** through **3e** and **FIG. 4**. Incidentally, in the flowchart of **FIG. 4**, only the main points related to the invention will be described and description of other general processing will be omitted.

[0032] In **FIG. 3a**, a symbol **41** (corresponding to a first symbol) and a symbol **42** (corresponding to a second symbol) are displayed on a screen of the display touch sensor **4**. The symbol **41** is an icon showing a particular CD which is a control object, and the symbol **42** is an icon showing repeat reproduction which is details of the control. Incidentally, the details of the control include random reproduction or scan reproduction other than the repeat reproduction, and are displayed by unique icons, respectively.

[0033] As shown in **FIG. 3b**, when a user touches an icon of the symbol **41** with a finger **5** for a predetermined time (for example, two or three seconds) or longer as a predetermined instruction operation, the main CPU **20** detects the instruction operation through the touch sensor **4a** and the interface circuit **30** (step **S1** to step **S3**), and selects the icon