

FIG. 14 is a display screen flowchart illustrating according to one embodiment of the invention and including a content view screen relative to image files.

FIG. 15 is a display screen flowchart according to one embodiment of the invention and relating to a message check mode.

FIGS. 16a and 16b are display screen flowcharts according to one embodiment of the invention and relating to a function transmitting messages using a hot-key in a reception waiting mode.

FIG. 17 is a display screen flowchart according to one embodiment of the invention and relating to a function connecting a communication via a hot-key in a reception waiting mode.

FIG. 18 is a display screen flowchart according to one embodiment of the invention and relating to a function of communication connection/message transmission via a hot-key in a reception waiting mode.

FIG. 19 is a display screen flowchart according to one embodiment of the invention and relating to an image communication mode.

FIG. 20 is a display screen flowchart according to one embodiment of the invention and relating to a DMB (Digital Multimedia Broadcasting) reception mode.

FIG. 21 is a display screen flowchart according to one embodiment of the invention and relating to an image view screen.

FIG. 22 is a display screen flowchart according to one embodiment of the invention and relating to a thumbnail view screen relative to image files.

FIG. 23 is a display screen flowchart according to one embodiment of the invention and relating to an image view screen.

FIG. 24 is a display screen flowchart according to one embodiment of the invention and relating to a text view screen.

FIG. 25a is a display screen flowchart according to one embodiment of the invention and relating to a bell sound set-up screen.

FIG. 25b is a display screen flowchart according to one embodiment of the invention and relating to a button/touch set-up screen.

FIGS. 26a and 26b are display screen flowcharts according to one embodiment of the invention and relating to a video reproduction mode.

#### DETAILED DESCRIPTION OF THE INVENTION

Before describing the invention, certain terms employed in the specification, examples and appended claims are, for convenience, collected here.

The term 'mode' of a portable terminal relates to an operational mode of a portable terminal. Specifically, the term of 'mode' may relate to a state that the portable terminal enters and executes, or a state where the portable terminal is waiting for a user instruction or an event.

In most of cases, mutually different programs (e.g., applications) are loaded in mutually different 'modes'. However, a user may classify a call mode and a reception waiting mode just as a 'mode' and recognize them as such. The user may also consider a 'game' and an 'instant messenger' as an 'application' and recognizes these as such.

The term 'pattern' relates to 'shapes/designs that are repeated regularly'. Here, the 'shapes/designs' do not necessarily define visible shapes and designs but may represent shapes/designs relative to signal changes of particular parameters within a predetermined time interval.

The term 'motion pattern' in the present description not only defines a 'displacement pattern' explaining 'a pattern obtained by accumulating position changes of a reference point' of a portable terminal (e.g., a center weight point or an attachment position of a sensor) for a predetermined period of time, but also covers a concept having a broader meaning that includes all the information on motions, such as, but not limited thereto, rotational movements, rotational directions and degrees of inclinations relative to gravity directions or cardinal points.

In various embodiments of the invention, the portable terminal may be wirelessly connected to a computer device of a wireless communication network of a provider that provides communication services, and may be connected to an internet service providing server that provides various internet services via the wireless internet communication network.

The portable terminal described in the present disclosure may refer to a mobile phone, a smart phone, a notebook computer, a digital broadcasting terminal, a PDA (Personal Digital Assistance), a PMP (Portable Multimedia Player) and a GPS navigation device and the like.

FIG. 1 is a block diagram of a portable terminal according to an exemplary implementation of the invention.

Referring to FIG. 1, the portable terminal 100 may include a wireless communication unit 110, an A/V (audio/Video) input unit 120, a manipulation unit 130, a sensing unit 140, an output unit 150, storage 160, an interface unit 170, a controller 180, a power supply unit 190, as well as other elements. It should be noted that two or more constituent elements may be combined in a single element, or a single element may be divided into two or more elements when in actual implementation.

Now, these constituent elements will be sequentially described in detail.

The radio communication unit 110 may include a broadcasting reception module 111, a mobile communication module 112, a wireless internet module 113, a short-range communication module 114 and a GPS module 115.

The broadcasting reception module 111 receives broadcasting signal and/or broadcasting related information from an external broadcasting management server (not shown) via a broadcasting channel. The broadcasting channel may include a satellite channel or a terrestrial channel or some other type of communication channel. The broadcasting management server may refer to a server that generates and transmits broadcasting signals and/or broadcasting associated information or a server that receives previously generated broadcasting signals and/or broadcasting associated information and transmits such to a terminal. The broadcasting associated information may refer to information related to a broadcasting channel, a broadcasting program or a broadcasting service provider. The broadcasting signal may include, not only a TV broadcasting signal, a radio broadcasting signal, a data broadcasting signal, but also a broadcasting signal obtained by combining a data broadcasting signal with a TV broadcasting signal or a radio broadcasting signal.

Meanwhile, the broadcasting associated signal may be provided via a mobile communication network, and in such a case, such information may be received by the mobile communication module 112.

The broadcasting associated information may be implemented in various formats. For example, the broadcasting associated information may include an EPG (Electronic Program Guide) of a DMB (Digital Multimedia Broadcasting) format, or an ESG (Electronic Service Guide) of a DVB-H (Digital Video Broadcasting-Handheld) format.