

AUDIO DEVICE HAVING RADIO RECEPTION/BLUETOOTH/WI-FI FUNCTIONS**ABSTRACT**

5 An audio device having radio reception/Bluetooth/Wi-Fi functions, comprising a device
core (1) having a uniform casing size, and a personalized outer casing (2) used to accommodate
the device core (1). The device core (1) comprises a casing (11), a circuit board (12) disposed
within the casing (11), a speaker (13) electrically connected to the circuit board (12), a regulation
unit (14), a display unit, and a power supply unit. The regulation unit (14) comprises at least one
10 of a tuning unit or a volume regulation unit. The audio device further comprises at least one manual
regulation device (141) fitted for each regulation unit (14). The personalized outer casing (2) is
provided with a sound transmission channel for the speaker (13). A movement channel is provided
on the personalized outer casing (2) to allow the manual regulation device (141) to extend outside
of the outer casing. By adding a Bluetooth and Wi-Fi function in addition to an original radio
15 reception function, the audio device of the present invention has various functions to meet demands
of different user groups, and enables DIY of accessories, such that the audio device is customizable
and meets criteria of different aesthetic styles.

20 **Figure 1**