Wireless Voice-controlled Movable Electrical Heating Radiator

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Abstract— This study presents a voice-controlled movable electrical heating radiator. The functions are (1) button or voice controlled the radiator by smartphone APP; (2) heat radiation power control, moving control and timing control; and (3) feedback artificial synthesis voice for instruction, temperature feedback, and ultrasonic sensing for anti-collision. The results show the successful rates are over 90% for most of the cases. A better performance and lower cost voice-controlled movable electrical heating radiator has been implemented. The convenience of the radiator elevates the quality of human living life.

Keyword—voice controlled, heating radiator, movable devices, cloud, Bluetooth.

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