

Model : RC Bart Skateboard  
Subject : Technical Description  
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This unit is a Radio Control Car operating with the radio frequency of 27.145 MHz. The unit consists of 4 control switches, there are Forward motion, Backward motion, Left-Turn and Right-Turn. For each motion, there is a sound associated with it.

The Controller unit is operated with a 9V battery. When the Control Switch is activated, the Transmitter IC sends out a signal, and then the signal is modulated by the RF circuit. The carried signal is transmitted out from the antenna. The carrier signal is 27.145 MHz, the signal is emitted only with the control-switch being pressed.

The skateboard as a receiver, it is operated with 4 pcs of AA size battery. When a power-switch is turned on, it is ready to receive the control sign. It is controlled with the frequency of 27.145 MHz and with corresponding modulated signal. The Controller unit can control the skateboard for Forward, backward, left-Turn and Right-Turn motions. The receiver circuit and driver circuit control the motion of the two motor for fulfilling the above operation.