

Model: A1649 (Transmitter portion)

Technical Description of Transmitter

The transmitter operates at 27.145 MHz, and controls a receiver to move forward and backward-right.

The circuit of the transmitter comprises of,

1. An Encoding circuit and Sound Effect  
consisting: S1, S2, U2 (W584B040)
2. An RF Oscillator  
consisting: Y1 (27.145MHz)
3. An Antenna Matching Network  
consisting: C3, C5, L3, T1
4. An Encoder, Mixer and Amplifier  
consisting: U1 (W55RFS27T1B)
5. A Power Supply  
consisting: two 1.5V AAA batteries

The transmitter uses an external, integral and non-detachable antenna.

The nominal rated field strength is 71.0dBuV/m @ 3m  
Production tolerance of field strength is +/- 3dB  
Antenna gain is 0dBi