

YICK SHUN ELECTRONIC TOYS MFG., LTD.
YS215 HELMET WALKIE TALKIE

Circuit Description:

In the transmit mode, sound signal is transmitted through the mic which is connected to the input of the Audio Frequency Amplifiers, R18, R19, Q4 and C23 and the output of Q4 is connected to the Radio Frequency Local Oscillator, Q3, which is the transmitter and modulated by Radio Frequency Modulation amplifier, Q2. Q2 is connected to the antenna via output filter made up of T2, C21 & L1.

ANTENNA AND GROUND CIRCUITRY

This unit makes use of a external 5" antenna. The antenna is inductively coupled. This unit is powered from 2 x 1.5 Volt (3V) batteries.

No ground connection is provided. The unit relies on the ground tract of the printed circuit board.

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