

LOYAL TECHNOLOGY CO., LTD.
FCC ID : ICK-WT-268G
JOB # : 66AU1
EXHIBIT # : 9

CIRCUIT DESCRIPTION

RECEIVER CIRCUIT :

The flexible 14.5cm long antenna is inductively coupled to transistor Q1 the regenerative mixer and detector. The detector audio is then Routed to audio amplifier Q3, Q4, and Q5. The output of the audio amplifier drives transformer T4 and speaker SP1.

TRANSMIT CIRCUIT:

Q2 is the crystal oscillator which is modulated by the output of the same audio amplifier chain of Q3, Q4, and Q5. The audio input is now from SP1.

POWER AND GROUND :

Energy is supplied by a 9 Volt battery. No external ground connection is provided and what ground that's available is from the printed circuit board.