

FCC ID: R55KSE120A

Model: KSE120

Technical Description of Transceiver

The transceiver operates at 49.860 MHz, and able to transmit and receive speech and sound.

The circuit of the transceiver comprises of,

1. An RF Amplifier and Super-regenerative receiver  
consisting: Q1
2. A Crystal Oscillator  
consisting: X1 (49.860 MHz)
3. An Antenna Matching Network  
consisting: L1
4. An Audio Amplifier for voice amplification  
consisting: IC1 (LM368N)
5. A Dynamic Transducer (acts as loudspeaker and microphone)  
consisting: SP1
6. A Power Supply  
consisting: one 9.0V battery

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

