



Technical Specifications

- Construction** : Superhetrodyne
- Freq. Range** : 980 KHz to 2060 KHz
- Intermediate Frequency** : 455 KHz
- Input Circuits** :
 - 1) RF Amplifier
 - 2) Mixer
 - 3) Local Oscillator
 - 4) Beat Frequency Oscillator
 - 5) IF Amplifier 1
 - 6) IF Amplifier 2
- Tuning** : With Variable Capacitor (ganged)
Dial marking on Board
- Receiving media** : Telescopic Antenna / Cable
- Detectors** :
 - 1) Diode Detector (For DSB)
 - 2) Product Detector (SSB)
- Audio Output** : Amplifier with Speaker
- Automatic Gain control** : Switchable
- Switched Faults** : 8 Nos.
- Interconnections** : 4 mm Banana Sockets
- Test points** : 50
- Power Supply** : 220 V \pm 10 %, 50 Hz / 60 Hz
onrequest
- Power Consumption** : 3 VA (approx.)
- Accessories** : Line cord, Manual, Set of patch
cords

- Variable capacitor tuning
- On-board LO, BFO, RF Amp, Mixer, IF Amps., Detectors, Audio output Receiving Antenna, AGC & Speaker

Experiments that can be performedn

- Study of DSB & SSB AM reception & detection by diode / product detectors
- Study of AGC
- Study of Receiver tuned circuits
- Study of Sensitivity, Selectivity & Fidelity of Receiver

Note: Specifications are subject to change.

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