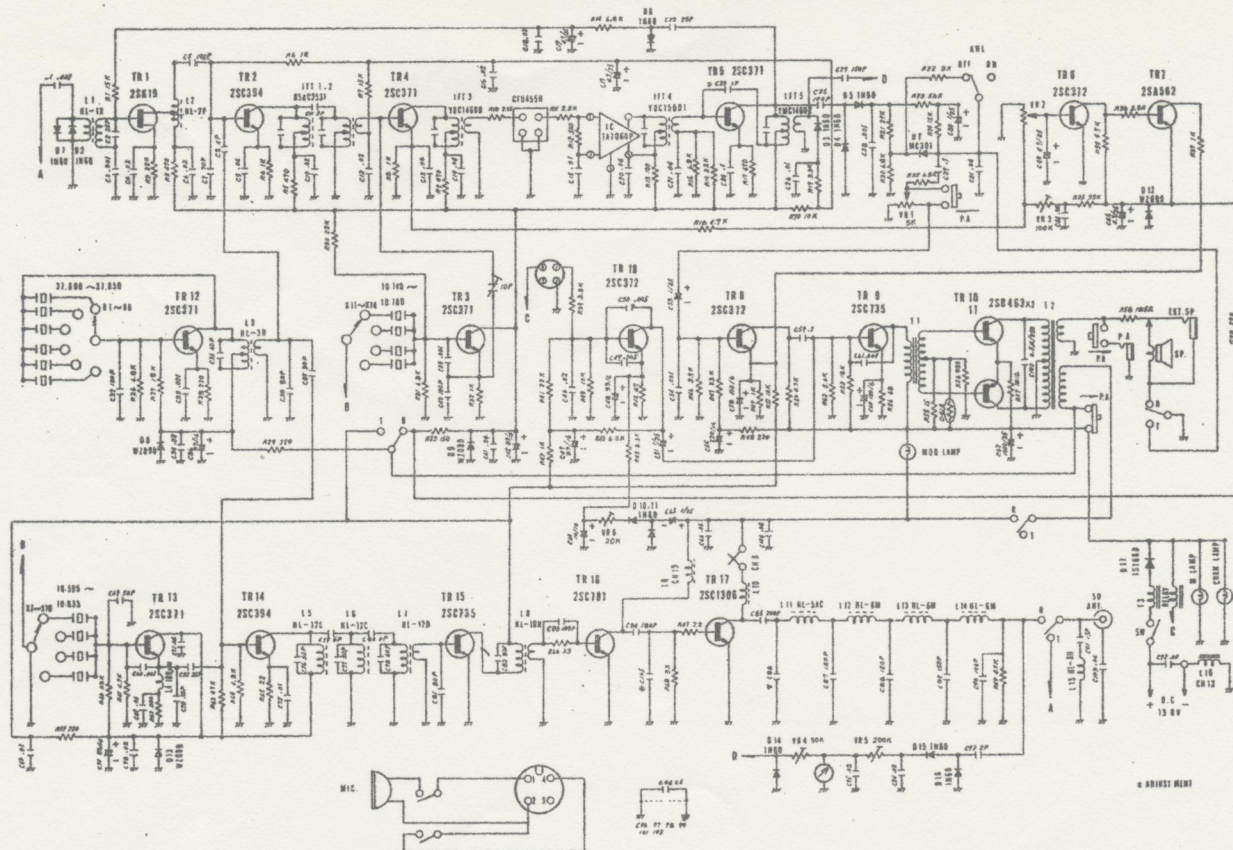


SCHEMATIC DIAGRAM KA 9023E KAISER



Specifications

General

Dimensions ; 160W×60H×185D(mm)

Weight ; approx. 2Kgr.

DC Power consumption ;

a) Receive (stand by) 150mA

b) Transmit (100% Mod.) 1.25A

Channels ; 23

Semi-conductors: 18 transistors, 1 IC, 1 FET, 17 diodes and 1 thermistor

Operating condition ;

a) Ambient temperature $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$

b) Relative humidity $+35^{\circ}\text{C}$ 95% or less

Receiver

Receiving system ; Double superheterodyne

Intermediate freq ; 1st 10.140MHz~10.180MHz, 2nd 455KHz

Sensitivity ; s/n 10db or more at $0.5\mu\text{V}$ input

Adjacent channel rejection ; 60db or more

Image rejection ; 50db or more

AF output ; 3.0Watt or more (distortion factor 10%)

Transmitter

Final stage input ; 5 watt

Final efficiency ; 60% or more

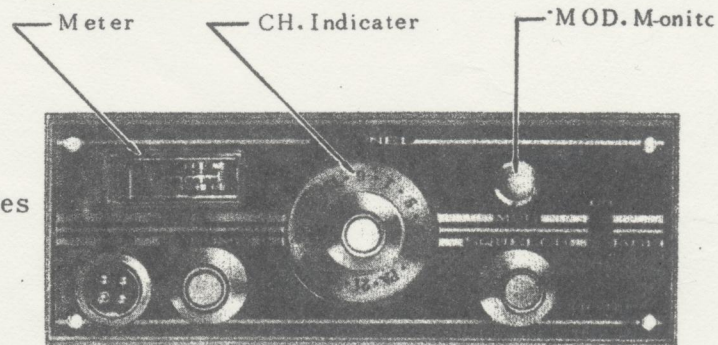
Modulation ; 100%

Spurious and harmonics ; $30\mu\text{W}$ or less

Frequency tolerance ; $\pm 0.005\%$ or less

Antenna coupling ; 50 ohm

Front view



Back view

