

Citation 20 Receiver
FCC ID# IP9CIT20
Frequency Range 150 - 174 Mhz
BLOCK DIAGRAM

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KEYBOARD-----MICROPROCESSORS-----LCD DISPLAY
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      *
TXCO----PLL----OSCILLATOR
      *
      *
      RF PRE-AMP
      *
      *      * NARROW
RF INPUT---RF AMP-----MIXER---IF FILTER---IF AMP
      BANDPASS      * WIDE      *
      FILTER      *
      *
      *
*****
*
DISCRIMINATOR      * --SCRAMBLER--
DE-EMPAHSISED      *      *
AUDIO-----MULTIPLEXIER---AUDIO-----SPEAKER
      *      AMPLIFIER----RECORDER
      *      *
      * --DIGITAL----
      AUDIO CONTROL
```