



Technical Data

TYPE 352 VLF RECEIVER

PRELIMINARY SPECIFICATIONS

Frequency Range	1 kc to 600 kc (Lower Band limit 500 cps)
Operating Mode	Two: as a receiver, and as a tunable, variable-bandpass filter
Type of Reception	AM, SSB, CW, MCW, and FSK
Noise Figure	Less than 5 db
Sensitivity (at 50-ohm input impedance and 1-kc IF bandwidth)	CW and FSK, 1 kc to 10 kc: 5 microvolts for 20 db (s plus n)/n CW and FSK, 10 kc to 600 kc: 0.5 microvolt for 20 db (s plus n)/n MCW and AM, 50 kc to 600 kc: 1 microvolt for 10 db (s plus n)/n
Input Impedance	50 ohms or 1000 ohms, selectable by rear-panel switch
Input Attenuator	0 db, -20 db, -40 db, or -60 db, selectable by front-panel switch
Maximum Input Level	1 volt, rms, with input attenuator in -60 db position
IF Bandwidths	150 cps, 1 kc, 3 kc, or 6 kc selectable by front-panel switch
Image Rejection	70 db, minimum
IF Rejection	60 db, minimum
Dynamic Range	AGC or Manual: 55 db, minimum
BFO	Adjustable ± 3 kc by front-panel control
Incidental FM	Less than 10 cps peak deviation
Audio Outputs	Two: front-panel phone jack (2000 ohms nominal); and rear apron audio, 6 milliwatts (600 ohms ungrounded)
IF Output	2 mc center frequency IF output provided for accessory devices
RF Output	Reconstituted, band-limited, RF output provided (output frequency equals input frequency; passband restricted by IF bandwidth selected)
Detector Output	Direct-coupled AM detector output provided

Audio Bandwidths	Normal (100 cps to 3 kc) or narrow (825 cps to 1175 cps), selectable by front-panel switch
Power	115/230 vac, 50-400 cps, approximately 25 watts
Size	19-inches wide, 3.5-inches high, and 19.5-inches deep
Weight	20 lbs., approximately

PRICE: \$4,500.00

FOB Rockville, Maryland. Taxes extra where applicable. Price and specifications subject to change without notice.

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