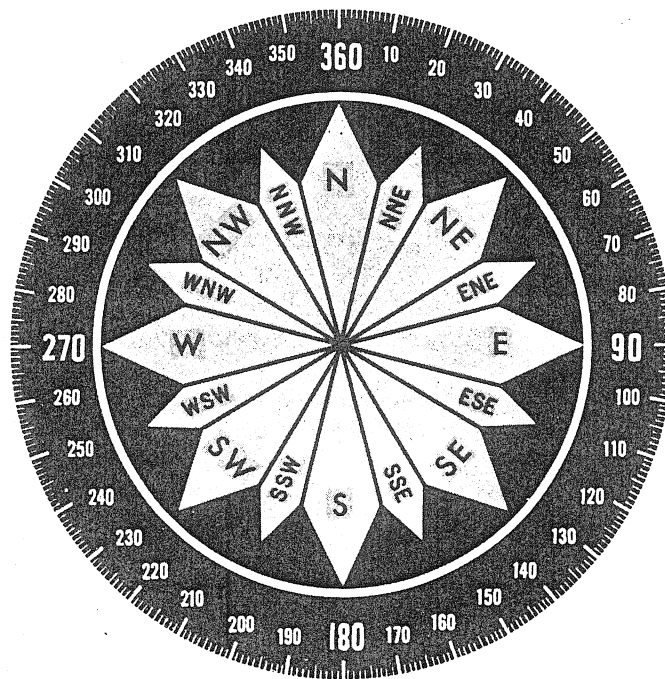


LH Series Portable Direction Finders

OPERATING & MAINTENANCE MANUAL



L-TRONICS[®], Santa Barbara, CA

SPECIFICATIONS FOR THE LH SERIES
"LITTLE L-PER"[®] PORTABLE DIRECTION FINDER

Receiver Type	Double conversion superhetrodyne with two separate RF tuners
Frequencies or Channels	Maximum of 4 per tuner, 6 total
Tuner Bandwidth (No Alignment)	± 500 kHz full sensitivity ± 4 MHz reduced sensitivity
IF Frequency, 1st IF IF Frequency, 2nd IF	10.7 MHz 455 MHz
DF Sensitivity, VHF DF Sensitivity, UHF	0.15 μ V or better (0.05 μ v typical) 0.2 μ V or better
IF Bandwidth	15 kHz
Adjacent Channel Rejection	29 dB typical at ± 25 kHz -53 dB typical at ± 50 kHz -84 dB typical at ± 100 kHz
Image Rejection, VHF Image Rejection, UHF	-55 dB minimum, -65 dB typical -40 dB typical
IF and Spurious Rejection	75 dB minimum
Audio Output	0.25W minimum into 8 ohms
DF Indication	Left/right homing or signal strength
DF Indication Dynamic Range	-130 to + 10 dBm typical
Signal Strength Indicating Range	-125 to -5 dBm typical
Power, Internal Power, External	Two 9V dry batterieis 10-28V negative ground internal regulation 17 mA low volume, 130 mA maximum volume
Antenna	Electrically switched twin dipole with folding mast
Antenna Gain	2.5 dBd minimum
Weight, with Antenna & Batteries	37 ounces
Operating Temperature Range	-20 to + 140 degrees F

