

DNT HF-12/3 (FM Walkie-Talkie)
by B.W.

Received a pair of these in the mail for checkout. NOT the units that have been looking for - but! These little units have a definite use for 'Short Range Communications'

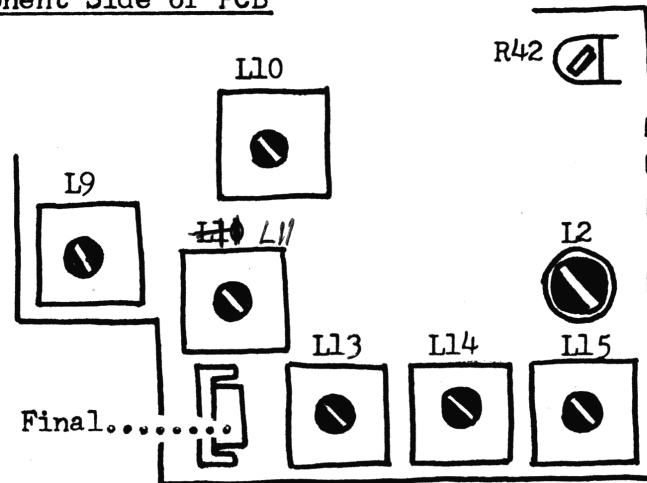
3 FM Channels, Call Tone, and Squelch Control; all take this out of the TOY realm. Excellent little unit for it's intended purpose. Owners Manual has schematic/parts layout/parts list.

Note: Errors on parts list... Tx Ch 7 - 13.8306MHz
Tx Ch 14 - 13.8653MHz
Tx Ch 19 - 13.8905MHz
Rx Ch 7 - 27.20625MHz
Rx Ch 14 - 27.27625MHz
Rx Ch 19 - 27.32625MHz

Serial # on these units: V-1 20 (13781) and (11889). Case cover states that unit is 2W. But upon checkout found them to be putting out a maximum of .3W on dummy load.

Use diagram below for TX alignment; with antenna fully extended; peak for max signal on RF Strength Meter.

Component Side of PCB



R42 - FM Insertion adjustment, have found that almost fully CCW is about best position. Adjust for best RX using another unit.
L10, L11, L13, L14, L15, and L2 - adjust for max RF.
L9 - Carefully adjust for max signal, if adjusted wrong the Call Tone and RF will drop out.

For the price is hard to beat, perfect for Camping/Hunting/etc.