

COBRA 148GTL-DX (LATE) - UPDATE

Both of these modifications are proven....

1. Pin 6 of PLL chip has no connection...take to D.C. ground thru a switch. (Plenty of switches on the front that can be hard-wired, and used for switching puposes.)

Yields these new frequencies on: LOW... 26.555-26.775MHz

MID... 26.780-26.960MHz

These new frequencies are in 5KHz steps!

2. Change the original crystal X-2 (15.0000MHz) to a 15.4800MHz crystal. This changes the main bands: Low/Mid/High to the following

frequency ranges: Low - 26.965-27.405MHz

Mid - 27.415-27.855MHz

High - 27.865-28.305MHz

New Truth Table for TP-3, vs. old: with the crystal change...

Old	L	M	H	New	L	M	H
AM	15.8200	16.2700	16.7200	AM	16.2700	16.7200	17.1700
USB	15.8225	16.2725	16.7225	USB	16.2725	16.7225	17.1725
LSB	15.8175	16.2675	16.7175	LSB	16.2675	16.7175	17.1675

UPDATE: TRC-448, 'Expanded Slide'

If you have done the Custom Conversion in Volume 16, pg. 25-30 and not satisfied with the slide: Do the following steps 24A-C.

24-A. Remove R32 and R39, both (47K): no replacement.

B. Remove TC4 and TC5: no replacement.

C. Suggest 'Super Slides' instead of 'Super Diodes' in this particular unit, for bigger swing.

If you have not done the "Custome Conversion" in Vol. 16! Obtain a copy, and follow Steps 17-24 on page 28. (Will also need 8" of Blue wire); then follow steps 24A-C printed above.

DO NOT REPLACE D13 or D14 with solid buss wire!