

SPECIFIC TUNEUPS

Realistic TRC-216, 40 Ch. Walkie-Talkie; 21-1663 (TC9109BP-PLL).

No big advantage over previous model except for smaller physical size. VR1-Sq Rng, VR2-Low Pwr modulation adjust, VR3-High Pwr modulation adjust. RX: T1, T2, T3, T4; C23-(3.3Mf/35VDC) may be increased in value for improved ANL. CF2 can be doubled/tripled up for rejection. TX: T6, T7, T8, T9, L6, VR4, L9, and L10. Use a field strength meter when tuning for max power/modulation in low power mode. AMC defeat is C80 (1Mf/50VDC).

Realistic TRC-215, 6-Ch. Walkie-Talkie; 21-1653. Physical size is again the only difference between this and last model.

VR1-Sq Rng, VR2-Low Pwr modulation adjust, VR3-High Pwr modulation adjust. RX: T1, T2, T3, T4; C24-(3.3Mf/25VDC) may be increased in value for improved ANL. CF2 should be doubled only for rejection improvement IF needed. TX: T5, L3, VR4, L6, and L7. Use field strength meter when tuning transmit in low power mode.

Realistic TRC-417, (IC7132-PLL). Another new unit, nothing spectacular. Alignment 'Tune-up': peak in receive mode T1, T2, L5, L6, T3, T4, and T5. C31 (1Mf/50VDC), may be changed to higher value for more efficient noise limiting. CF-1 may be doubled up for rejection. VR1-TX lights, VR2-RX lights, VR3-Sq Rng. TX: T7, T8, T9, L10, L3, and L1. R58 may be changed to a lower value for increased RF output. Modulation disable is D10.

Pyramid 1300, (IC7131-PLL). Just another 'Ancient Mary' mobile unit. C22 (1Mf/25VDC) may be increased for improved ANL. RV1-RX lamp adjust; VR2-Sq Range; RV3(2K)-AMC, defeat is C94 1Mf/16VDC; RV3(20K) is TX lamp adjust. RX alignment: T1, T2, T3, T4, and T5. TX alignment: T9 and T10.

