



MURPHY RADIO SUPPLEMENTARY SERVICE INSTRUCTIONS

ISSUED BY MURPHY RADIO LTD
WELWYN GARDEN CITY, HERTS
TELEPHONE: WELWYN GARDEN 800

THE MODIFIED A92 RECEIVER

THE modified circuit shown in this diagram was introduced to overcome component shortages.

The condenser values given in the table are the minimum permissible for the circuits; but it may be found in some cases that larger condensers are fitted, depending on the available supplies. It is also possible that combinations of resistances connected in series or parallel, may be used to obtain approximately the values quoted in the table.

| A92 | | | | A92 | | | | A92 | | | | | |
|------|----------|------|----------|------|----------|------|-------------|------|-----------|------|-------|------|-------|
| Code | Value | Code | Value | Code | Value | Code | Value | Code | Value | Code | Value | Code | Value |
| C1 | 500 pf. | C23 | 18 pf. | C54 | 10 pf. | C83 | 50 μf. 12v. | R18 | 9,100 1W. | L1 | 2.5 | L24 | * |
| C2 | 20 p.f. | C24 | 30 pf. | C57 | 139 pf. | C84 | 16 μf. | R19 | 100,000 | L2 | * | L27 | * |
| C3 | 45 pf. | C27 | 200 pf. | C64 | 139 pf. | C85 | 50 μf. 12v. | R22 | 470,000 | L3 | * | L28 | * |
| C4 | 200 pf. | C29 | .004 μf. | C67 | 150 pf. | R1 | 100,000 | R23 | 2.2 MΩ | L4 | * | L29 | * |
| C5 | .001 μf. | C33 | .05 μf. | C68 | 100 pf. | R2 | 220 | R24 | 1 MΩ | L7 | * | L32 | * |
| C7 | .001 μf. | C34 | 100 pf. | C74 | 8 μf. | R3 | 22,000 | R27 | 4,700 | L8 | * | L33 | * |
| C8 | 100 pf. | C37 | 200 pf. | C76 | .025 μf. | R4 | 1 MΩ | R28 | 47,000 | L9 | * | L34 | * |
| C9 | 500 pf. | C38 | 200 pf. | C77 | 8 μf. | R5 | 820 | R32 | 150,000 | L13 | * | L37 | * |
| C12 | 5-35 pf. | C39 | 200 pf. | C78 | .003 μf. | R8 | 33,000 1W. | R33 | 47,000 | L14 | * | L38 | * |
| C13 | 100 pf. | C41 | 100 pf. | C79 | 850 pf. | R9 | 22,000 | R34 | 200 ¼W. | L17 | 2.25 | L39 | * |
| C14a | Gang | C42 | 100 pf. | C82 | .08 μf. | R10 | 20 | R37 | 50,000 | L18 | 15 | L38 | * |
| C14b | Gang | C43 | 5-35 pf. | | | R12 | 4,700 | R38 | 10,000 | L19 | 5 | L39 | * |
| C16 | 16 pf. | C44 | 230 pf. | | | R14 | 470 | R39 | 27 | L22 | * | L38 | * |
| C17 | 22 pf. | C47 | 5-35 pf. | | | | | R40 | 50 | L23 | * | L39 | * |
| C18 | 33 pf. | C48 | 125 pf. | | | | | | | | | L38 | * |
| C19 | 125 pf. | C49 | 626 pf. | | | | | | | | | L39 | * |
| C21 | 200 pf. | C52 | 662 pf. | | | | | | | | | L38 | * |
| C22 | 175 pf. | C53 | 414 pf. | | | | | | | | | L39 | * |

A92 VALVES A92

- V1 SP41
- V2 TH41
- V3 VP41
- V4 HL41DD
- V5 PEN45
- V6 UU6