

PARTS LIST AND SERVICE

COURIER TRAVELLER-II

Trouble-shooting assistance may be obtained by writing to Courier Communications, Inc., 100 Hoffman Place, Hillside, N.J. 07205. Address your inquiry to the attention of the Service Manager. Always state THE MODEL, SERIAL NUMBER AND ISSUE OF SCHEMATIC DIAGRAM TO WHICH THE UNIT WAS BUILT. The schematic issue letter may be obtained from the lower right hand corner of the schematic, from the pictorial, or from the legend on the printed circuit board.

When ordering replacement parts, order by Courier part number as well as description.

FORM #9F01

| REPLACEMENT PARTS LIST | | | | | |
|--|----------------|--|-------------------------|---------|---|
| SYMBOL | COURIER PART # | JEDEC PART NUMBER TRANSISTOR AND DIODES | DESCRIPTION | PRICE | PART NUMBER SCREENED ON P.C.BOARD |
| Q1, 2 | 9TR1 | 2SC763 or 2SC535 | Transistor | \$ 1.10 | TR36 |
| Q3, 4, 5 | 9TR2 | 2SC838 | " | 1.10 | TR36 |
| Q6, 17 | 9TR3 | 2SC710 | " | 1.10 | TR36 |
| Q7 | 9TR4 | CDC 9000-1 (D) | " | 1.50 | TR7 |
| Q8, 12, 19 | 9TR5 | CDC 13000-1 (D) | " | 1.45 | TR12, 36 |
| Q9 | 9TR3 | 2SC710 | " | 1.80 | TR30 |
| Q10 | 9TR6 | 2SC614 | " | 5.08 | TR31 |
| Q11 | 9TR7 | 2SC799 (2) | " | 11.80 | TR33 |
| Q13 | 9TR8 | CDC 8000-1 (D) | " | 2.40 | TR30 |
| Q14, 15 | 9TR9 | 2SC491 | " | 3.40 | TR18 |
| Q16 | 9TR10 | 2SC371 | " | 1.10 | TR36 |
| Q18 | 9TR11 | 2SC423 | " | 3.30 | TR31 |
| CR-1, 5, 12 | 9D11 | 1N60 | Diode (Det.) | .60 | DI-2 |
| CR-2, 6, 7, 13 | 9D12 | CD8457 or 1S1555 | Diode | .70 | DI-3 |
| CR-10 | 9D13 | VO3-C or DS-13 | Diode (Rect. Silicon) | 1.50 | DI-125 |
| CR-3 | 9RE1 | VO6-C or 1N3193 | Rectifier, Bias HM | 1.50 | RE-2 |
| CR-4 | 9D14 | AW01-09 CD3112039 | Diode Zener 9.1V 10% | 2.50 | DI-8 |
| CR-8 | 9D15 | IN727 or ZC-140 | Diode Zener 36V 20% | 2.45 | DI-13 |
| CR-9 | 9DI6 | 1S1007 | Diode | .70 | DI-3 |
| CRYSTALS | | | | | |
| Y7 | 9CR140 | 10.140 MHZ | Crystal Fund Type | 6.50 | CR140 |
| Y8 | 9CR160 | 10.160 " | " " " | " | CR160 |
| Y9 | 9CR170 | 10.170 " | " " " | " | CR170 |
| Y10 | 9CR180 | 10.180 " | " " " | " | CR180 |
| Y11 | 9CR595 | 10.595 " | " " " | " | CR595 |
| Y12 | 9CR615 | 10.615 " | " " " | " | CR615 |
| Y13 | 9CR625 | 10.625 " | " " " | " | CR625 |
| Y14 | 9CR635 | 10.635 " | " " " | " | CR635 |
| Y1 | 9CR3760 | 37.600 " | " 3rd OVERTONE | " | CR3760 |
| Y2 | 9CR3765 | 37.650 " | " " | " | CR3765 |
| Y3 | 9CR3770 | 37.700 " | " " | " | CR3770 |
| Y4 | 9CR3775 | 37.750 " | " " | " | CR3775 |
| Y5 | 9CR3780 | 37.800 " | " " | " | CR3780 |
| Y6 | 9CR3785 | 37.850 " | " " | 6.50 | CR3785 |
| COILS, IFT, MECHANICAL FILTERS, CERAMIC FILTERS, CHOKES AND TRANSFORMERS | | | | | |
| A11 | 9C01 | Green | Coil, XMTR. INPUT | .60 | "J"C036 |
| A1 | 9C02 | Yellow | Coil, REC | .90 | "J"C037 |
| A7, 8, 9 | 9C03 | Orange | Coil, XMTR. MIX, BUFF | .90 | "J"C045 |
| A13, 14, 15 | 9C04 | White | Coil, REC | 1.00 | "J"C034A |
| A12 | 9C05 | | Coil, 37MHZ OSC | 1.00 | "J"C046 |
| A10 | 9C06 | | Coil, XMTR. DRT | .90 | "J"C055 |
| A6 | 9IF1 | Yellow | XFMR, IF, 455KHz DET | 1.25 | IF-8 |
| A3, 4 | 9IF2 | Green | XFMR, IF, 10.7MHz | 1.00 | IF-10 |
| A5 | 9FM1 | Blue | Filter, Mech. 455KHz | 5.30 | FM-2 |
| F1 | 9FC1 | Red | Filter, Ceramic, 455KHz | 1.25 | FC-1 |
| L-2 | 9CH1 | | Choke HF OSC 0.28uH | .25 | CH-20 |
| L-5 | 9CH2 | | Choke, TRAP 1uH | .25 | CH-21 |
| L-3 | 9CH3 | | Choke, XMT, De-Coupling | .40 | "J"CH-23 |
| L-4 | 9CH4 | | Choke, XMT, 10uH | .50 | "J"CH-24 |
| T-1 | 9TA1 | | XFMR, Audio Driver | 1.60 | TA-5 |
| T-2 | 9TA2 | | XFMR, Audio Output | 2.80 | TA-12 |

CAPACITORS

Disc caps and Mica caps order by capacitance, tolerance, working voltage and temperature compensation, if applicable. State type. (This information is available from schematic pictorial and/or is printed on the discap.)

| | | | | | |
|----------------------|------|-----------|-------------------------|-------|----------|
| All Discaps | | | | .25 | |
| All Mica Caps | | | | .45 | |
| C-34 | 9CE1 | | CAP LYTIC 1000uf 16WVDC | 2.40 | CE-29 |
| C-33 | 9CE2 | | 200uf 16WVDC | .70 | "J"CE-55 |
| C-55, 61 | 9CE3 | | 10uf 16WVDC | .40 | CE-31 |
| C-30 | 9CE4 | | 30uf 16WVDC | .50 | CE-46 |
| C-21, 27, 31, 39, 56 | 9CE5 | | 1uf 16WVDC | 1.70 | CE-32 |
| C-20 | 9CE6 | | 47uf 16WVDC | .70 | "J"CE-30 |
| GENERAL | | | | | |
| J-1 | 9CN1 | SO-239 | Connector ANT | 2.15 | CNI |
| J-2 | 9CN2 | #42-A | Jack EXT SPKR | .60 | CN19 |
| J-3 | 9CN3 | | Jack P. A. SPKR Assby | .20 | |
| J-4 | 9CN4 | | Mic. Jack | 2.20 | |
| Microphone | 9MI | Courier | Microphone assembly | 13.25 | |
| Power Cord | 9LC1 | | Cord DC. PWR. Assby | 1.75 | |
| SP-1 | 9SP1 | | Spkr. 3x5, 8 ohm | 3.10 | SP-42 |
| | 9CT1 | | POT. 10K Squelch | 1.45 | |
| | 9CT2 | | POT. 10K VOL w/switch | 2.45 | |
| SW-1 | 9SW1 | | Switch, 24Pos. w/SW. | 18.85 | |
| XTALS | 9SO1 | CS-109-A1 | Socket, XTAL, RC, Mtg. | .15 | SO-25 |
| Q-10, 11, 18 | 9SO2 | | Socket, Trans 3 Pin | .50 | SO-29 |
| PL-1, 2, 3, | 9BU1 | L-5A | Bulb (Grain of Rice) | .50 | BU-7 |
| Bet. PC & Case | 9IN1 | | Shield Insulating | .25 | IN-5 |
| Case | 9MS1 | | Case Assembly | 15.00 | |
| Bkt, Mtg. | 9MS2 | | BKT MTG Handle | 3.25 | MS-49-K |
| Q-10, 18 | 9MS3 | 1101 | Heat Sink | .80 | "J"MS-23 |
| BEZEL | 9MS4 | | Bezel, Finished | 6.50 | |
| Q-11 | 9MS5 | 6072FX | Heat Sink | .70 | MS-55 |
| Channel SW | 9KN1 | Channel | Knob Assembly | 3.50 | |
| Volume Cont. | 9KN2 | Volume | Knob | 1.00 | |
| Squelch Cont. | 9KN3 | Squelch | Knob | 1.00 | |
| P. A. Transistor | 9WA1 | | Wafer, Mice | .10 | WA-5 |
| S-Meter | 9ME1 | | | 7.00 | |
| RH-1 | 9CT4 | | POT. 10K Squelch ADJ. | .60 | |
| RESISTORS | | | | | |
| | | | 1/4 W-carbon-all values | .10 | |
| | | | 1/2 W-carbon-all values | .10 | |
| | | | 1 W-carbon-all values | .15 | |