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Pace CB185 Service Manual

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PRELIMINARY SERVICE DATA

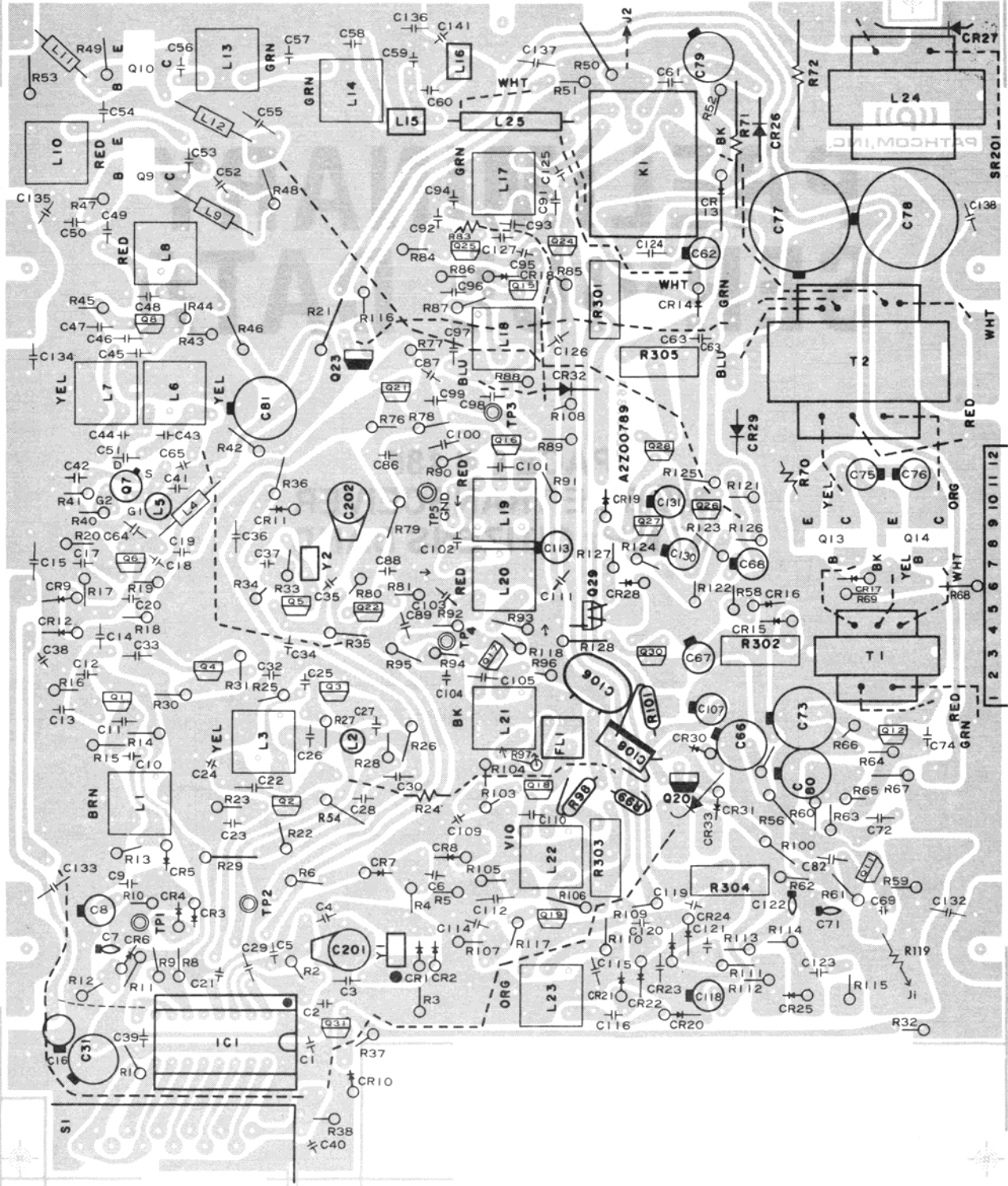
**PACE CB 185
MOBILE TRANSCEIVER
27 MHz CITIZENS BAND**

PATHCOM INC.

PACE TWO-WAY RADIO PRODUCTS

24049 S. Frampton Ave. , Harbor City, California 90710

PARTS LOCATOR



**CB 185
Parts List***

Reference Number	Description	Part Number
CAPACITORS		
C8, 62, 67, 68, 75, 76, 107, 108, 118	Electrolytic, 1 μ F 50 V	IP 22-0064
C16, 113, 130, 131	Electrolytic, 10 μ F 16 V	IP 22-0004
C31, 66, 71, 79.	Electrolytic, 47 μ F 16 V	IP 22-0006
C73, 80, 81	Electrolytic, 220 μ F 16 V	IP 22-0009
C77, 78.	Electrolytic, 1000 μ F 16 V	IP 22-0011
C201.	Trimmer, 10 pF Maximum	IP 22-0093
C202.	Trimmer, 50 pF Maximum	IP 22-0092
RESISTORS		
R70	Wirewound, 0.5 Ω	IP 23-0047
R71	150 Ω 2 W	IP 23-0020
R72	10 Ω 1 W	IP 23-0003
R201	Potentiometer, 10 k Ω w/Switch	IP 24-0032
R202, 204	Potentiometer, 10 k Ω	IP 24-0043
R203	Potentiometer, 10 k Ω	IP 24-0042
R301	Trimmer, 100 k Ω	IP 24-0013
R302 thru 305	Trimmer, 10 k Ω	IP 24-0003
CHOKES, COILS AND TRANSFORMERS		
L1	Coil, Tuneable, RF	IP 21-0294
L2	Choke, 47 μ H	IP 21-0295
L3, 6, 7.	Coil, Tuneable, RF	IP 21-0296
L4, 9, 11, 12	Choke, 0.1 μ H	IP 21-0297
L5	Choke, 3.3 μ H	IP 21-0298
L8, 10.	Coil, Tuneable, 27 MHz	IP 21-0301
L13, 14.	Coil, Tuneable, RF	IP 21-0306
L15, 16.	Choke, 0.22 μ H.	IP 21-0308
L17	Transformer, 27 MHz.	IP 21-0310
L18	Transformer, 27 MHz.	IP 21-0311
L19, 20.	Transformer, 10.7 MHz	IP 21-0312
L21	Transformer, 455 kHz	IP 21-0314
L22	Transformer, 455 kHz	IP 21-0315
L23	Transformer, 455 kHz	IP 21-0316
L24	Choke, AF, 1 mH	IP 21-0317
T1	Transformer, Audio Input.	IP 21-0318
T2	Transformer, Audio Output.	IP 21-0319

Reference Number	Description	Part Number
DIODES, INTEGRATED CIRCUITS AND TRANSISTORS		
IC1	Integrated Circuit, SM5118	IP 20-0234
Q1 thru 6, 8, 15 thru 19, 21, 22	Transistor, 2SC460B	IP 20-0179
Q7	Transistor, FET, 3SK45	IP 20-0157
Q9	Transistor, 2SC1018	IP 20-0123
Q10	Transistor, 2SC1964	IP 20-0135
Q11, 12, 24 thru 28	Transistor, 2SC458C	IP 20-0191
Q13, 14	Transistor, 2SC1162WT	IP 20-0230
Q20, 23	Transistor, 2SA673	IP 20-0192
Q29, 30, 31	Transistor, 2SC1213C	IP 20-0231
CR1, 2, 5	Diode, 1S2267	IP 20-0185
CR3, 4, 6, 7, 8, 16, 18, 25, 33	Diode, 1S2075K	IP 20-0184
CR9, 12, 13, 14, 15, 19 thru 24, 31, 32	Diode, 1N60 (1K60)	IP 20-0060
CR10, 28, 30	Diode, Zener, HZ-7A	IP 20-0186
CR11, 26	Diode, Zener, AW0110	IP 20-0233
CR17	Diode, HV-23GB	IP 20-0244
CR27, 29	Diode, U05B	IP 20-0164
MISCELLANEOUS		
DS1 thru 4	Lamp, Indicator	IP 28-0009
F1	Fuse, 2 A	IP 36-0002
FL1	Filter, Ceramic, 455 kHz	IP 31-0091
J1	Connector, Mic, 4-Pin	IP 26-0014
J2	Connector, RF (Antenna)	IP 26-0028
J3, 4	Connector, Miniature Phone, 2 Circuit	IP 26-0005
J5	Power Cord Assembly	IP 35-0007
K1	Relay, 12 V DC	IP 32-0010
M1	Meter	IP 27-0015
S1	Channel Switch	IP 25-0050
S2	Slide Switch (CB/PA)	IP 25-0051
S3	Slide Switch (ANL)	IP 25-0052
SP1	Speaker, 9 cm, 1 W 8 Ω	IP 29-0022
Y1	Crystal, 10.24 MHz	IP 31-0095
Y2	Crystal, 15.815 MHz	IP 31-0096
	Microphone	IP 29-0021

*Order all unlisted parts by description and reference number.