



SCHEMATIC
COBRA 880
 488-109-9-001

NOTE
 All resistors are in ohms and 1/8W unless otherwise noted.
 All mylarfilm capacitors indicated as 0.033, etc. are in μ F.
 All ceramic and polyester capacitors indicated as 4700 etc. are in PF.

COBRA 880 PARTS LIST

530-880-0-000

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
SWITCHES		
S1	Rotary Switch 24 Steps	083-121-9-001
S2, 4, 5, 9, 10	Slide Switch 4C-2P	084-023-9-001
S7	Push Switch 2C-1P	088-010-9-001
S8	Push Switch 1C-1P	088-010-9-002

MISCELLANEOUS

J1	Antenna Jack SO239	772-002-9-001
J2, P1	Microphone Jack and Plug	773-039-9-001
J3	AUX Jack	773-039-9-002
J4, 5	PA and external SP Jack	773-038-9-001
J6	Power Jack	773-039-9-003
K1	Relay 4C-2P	441-006-9-001
M1	DC ammeter 200 μ A	320-036-9-001
M2	Digital Clock	465-001-9-001
MK1	Dynamic microphone	562-003-9-001
PL1, 3, 4	Indicator Lamp	400-022-9-001
PL2	Indicator Lamp	400-023-9-001
SP1	Speaker 2 $\frac{1}{2}$ " , 8 Ohms	580-009-9-001
U1	Ceramic Filter	140-006-9-001
	Power Cord for DC	420-014-9-001
	Power Cord for AC	420-014-9-002
	Knob for Channel Switch	751-085-9-001
	Knob for Volume, Squelch, SWR and Delta Tune	751-085-9-002
	Knob for Clock Time	751-085-9-003
	Knob for Clock Time Set	751-085-9-004
	Channel Indicator	380-157-9-001

NOTE: Standard value resistors and capacitors are not listed, values may be obtained from schematic diagram.

Minimum charge \$2.00 per invoice. Orders will be shipped C.O.D. unless previous open account arrangements have been made or remittance accompanies order. Advance remittance must cover postage or express charge.

Specify serial number when ordering replacement parts.

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.	
DIODES, TRANSISTORS AND INTEGRATED CIRCUIT			
Q1, 4, 5, 6, 7, 9	2SC372 NPN Silicon	Q1, 4, 5, 6, 7, 9	
10, 11, 12, 13, 14, 15			
19, 26, 29, 30, 31, 32			
33, 34, 35, 36, 37, 38			
39, 40, 41, 42, 43			
Q2		2SK19 FET	182-009-9-001
Q3		2SC784 NPN Silicon	176-026-9-001
Q8, 21		2SA495 PNP Silicon	177-006-9-001
Q16, 28		2SC735 NPN Silicon	176-031-9-001
Q17		2SC482 NPN Silicon	176-029-9-002
Q18	2SC517 NPN Power Silicon	172-009-9-001	
Q20	2SA562 PNP Silicon	177-006-9-002	
Q22, 23	2SC732 NPN Silicon	176-031-9-002	
Q24, 25, 27	2SD235 NPN Power Silicon	172-010-9-001	
CD1, 4, 5, 6, 7	IS1555	8, 9, 10, 15, 16	
17, 18, 22, 23, 32			
33, 34, 35, 36, 38			
CD2, 3		IS2091	151-030-9-002
CD11		IS1658	151-030-9-004
CD12		S3004-1718	151-031-9-001
CD27, 37		S3004-1715	151-030-9-003
CD13, 14, 24		S3016R	151-030-9-006
CD19, 20, 21, 25, 26		IS1885	151-030-9-005
28, 29, 30, 31			
CRYSTALS			
X1	Crystal 16.965 MHz	133-002-9-001	
X2	Crystal 17.015 MHz	133-002-9-002	
X3	Crystal 17.065 MHz	133-002-9-003	
X4	Crystal 17.115 MHz	133-002-9-004	
X5	Crystal 17.165 MHz	133-002-9-005	
X6	Crystal 17.215 MHz	133-002-9-006	
X7	Crystal 9.545 MHz	133-022-9-007	
X8	Crystal 9.555 MHz	133-022-9-008	
X9	Crystal 9.565 MHz	133-022-9-009	
X10	Crystal 9.585 MHz	133-022-9-010	
X11	Crystal 10.000 MHz	133-002-9-011	
X12	Crystal 10.010 MHz	133-002-9-012	
X13	Crystal 10.020 MHz	133-002-9-013	
X14	Crystal 10.040 MHz	133-002-9-014	
COILS CHOKES AND TRANSFORMERS			
T1	RF Transformer L1640	066-013-9-001	
T2, 3	RF Transformer L1641	066-013-9-002	
T4, 5	RF Transformer L1643	066-013-9-003	
T6	IF Transformer D10764	060-014-9-001	
T7	IF Transformer D10765	060-014-9-002	
T8	IF Transformer D10766	060-014-9-003	
T9	IF Transformer D10753	060-014-9-004	
T10	RF Transformer L1645	066-013-9-004	
T11	RF Transformer L1644	066-013-9-005	
T12	RF Transformer L1503	066-013-9-006	
T13	RF Transformer L1504	066-013-9-007	
T14	RF Transformer L1500	066-1013-9-008	
T15, 16	RF Transformer L1505	066-013-9-009	
T17	RF Transformer L1511	066-013-9-010	
T18	RF Transformer L1512	066-013-9-011	
T19	AF Driver Transformer	068-005-9-001	
T20	AF Output Transformer	061-017-9-001	
T21	Power Transformer	065-068-9-001	
L1	Delta Tune L1646	044-025-9-001	
L2, 3, 5	RF Choke Coil L1122	042-009-9-001	
L4	RF Output L1101	044-025-9-002	
DIODES, TRANSISTORS AND INTEGRATED CIRCUIT			
IC1	TA7061P	307-007-9-001	
IC2	TA7062P	307-009-9-002	

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
RESISTORS, CONTROLS AND THERMISTORS		
R110	Semi-Fixed 1K Ohms	008-158-9-001
R33	Semi-Fixed 20K Ohms	008-158-9-002
R19	Semi-Fixed 50K Ohms	008-158-9-003
R81	Semi-Fixed 100K Ohms	008-158-9-003
R139	Solid Fixed 1M Ohms 1/2W.	001-102-6-105
R56	Variable 5K Ohms with 2C-2P Switch	008-158-9-009
R43	Variable 20K Ohms with Center Click Stop	008-158-9-006
R84	Variable 20K Ohms with 1C-2P Switch	008-158-9-010
R96	Variable 50K Ohms	008-158-9-011
R54	Thermistor D33A	004-099-9-002

CAPACITORS & TRIMMERS

C9	Ceramic NPO 1pF 50V	031-030-9-001
C14, 54, 55	Ceramic NPO 2pF 50V	031-030-9-002
C6, 11, 50, 51, 114	Ceramic NPO 5pF 50V	031-030-9-003
C17	Ceramic NPO 10pF 50V	031-030-9-005
C36, 37, 42, 48	Ceramic N220 47pF 50V	020-088-9-002
C65	Ceramic N220 68pF 50V	020-088-9-001
C41, 47, 67, 68	Ceramic N220 100pF 50V	020-088-9-003
C107, 108	Ceramic N470 180pF 50V	020-088-9-005
C109, 110	Ceramic N750 470pF 50V	020-088-9-011
C81, 89, 105, 106	Ceramic YR 470pF 50V	020-088-9-006
C1, 4, 5, 7, 8, 26	Ceramic YR 2200pF 50V	020-088-9-007
34, 44, 61, 69, 72, 74		
76, 77, 79, 82, 90, 96		
97, 98, 99, 100, 101	Ceramic Variable 30pF 50V	020-088-9-010
C2, 10, 12, 13, 23, 30		
31, 32, 33, 38, 39, 40		
43, 49, 52, 53, 56, 57	Polystyren 470pF 50V	030-018-9-001
58, 59, 60, 63, 64, 66		
86, 111, 113		
C62	Ceramic Variable 30pF 50V	020-088-9-010
C20, 22	Polystyren 470pF 50V	030-018-9-001

COMPOSITE
499-033-9-001