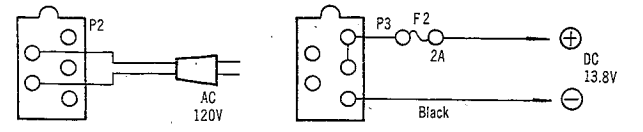
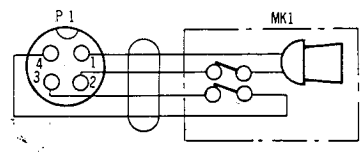


SCHEMATIC
COBRA 85
 480-164-9-001

NOTE
 All resistors are in ohms and 1/4 W unless otherwise noted.
 All ceramic and polyester capacitors indicated as 4700 etc. are in PF.



COBRA 85 PARTS LIST

530-085-0-000

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.	TOBWMV SCHW
	MISCELLANEOUS		
	Panel	272-105-9-001	
	Case	380-157-9-001	
	Meter holder	751-092-9-001	
	Channel indicator	751-122-9-001	
	Knob for channel switch	500-253-9-001	
	Knob for volume and squelch	480-164-9-001	
	Carton, Shipping	488-151-9-001	
	Instruction manual		
	Schematic diagram		
	De Fin. card	420-014-9-001	
	Ac	420-014-9-002	
	CRYSTALS		
	Crystal 11.705MHz HC-18/U	X1	
	Crystal 11.755MHz HC-18/U	X2	
	Crystal 11.805MHz HC-18/U	X3	
	Crystal 11.855MHz HC-18/U	X4	
	Crystal 11.905MHz HC-18/U	X5	
	Crystal 11.955MHz HC-18/U	X6	
	Crystal 7.460MHz HC-18/U	X7	
	Crystal 7.470MHz HC-18/U	X8	
	Crystal 7.480MHz HC-18/U	X9	
	Crystal 7.500MHz HC-18/U	X10	
	Crystal 7.345MHz HC-18/U	X11	
	Crystal 7.800MHz HC-18/U	X12	
	SWITCH AND CONNECTORS		
	Antenna Jack	J1	
	Microphone Jack	J2	
	SP Jack	J3	
	Power Jack	J4	
	Microphone plug	P1	
	Microphone plug (AC)	P2	
	Power cord with plug (DC)	P3	
	Power cord(DC)		
	Rotary switch	S1	
	MISCELLANEOUS		
	Fuse 2A	F1	
	Fuse 0.5A	F2	
	Fuse holder (AC)	FS1	
	Fuse holder (DC)	FS2	
	Relay C-DC12V	K1	
	DC Ammeter	M1	
	Dynamic Microphone	MK1	
	Indicator lamp	PL1	
	Indicator lamp	PL3	
	Lamp socket	VS1	
	Ceramic filter LF-B6←→CFU455HA ...	U1	
	Microphone clip		
	Speaker	SP1	
	Heat sink for RF Drive		
	Shield washer for 2SD235 and 2SC1237		
	Shield spacer for 2SD235 and 2SC1237		
	DIODES AND TRANSISTORS		
	Power Trans	7L7	
	AV Driver Trans	7L6	
	RF Trans L2135	7L5	
	RF Trans L2109	7L4	
	RF Trans L2063	7L3	
	RF Trans L1784	7L2	
	RF Trans L1788	7L1	
	RF Trans L1786	T2	
	RF Trans L1788	T3	
	RF Trans L1788	T4	
	IF Trans DI0756	T5	
	IF Trans DI0753	T6	
	RF Trans L2063	T7,8	
	RF Trans L2064	T9	
	RF Trans L2109	T10	
	RF Trans L2135	T11	
	AV Driver Trans	T12	
	Power Trans	T13	
	Power Trans	T14	
	Power Trans	T15	
	Power Trans	T16	
	Power Trans	T17	
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	Power Trans	T95	
	Power Trans	T96	
	Power Trans	T97	
	Power Trans	T98	
	Power Trans	T99	
	Power Trans	T100	

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.

RESISTORS, CONTROLS, AND THERMISTORS

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
R85	Semi fixed(pot.)1Kohms	008-232-9-001
R58	Semi fixed(pot.)5Kohms	008-232-9-002
R3,18	Semi fixed(pot.)100Kohms	008-206-9-001
R62	Variable 5 Kohms	008-158-9-005
R69	Variable 50 Kohms with 2C-2P Switch	008-232-9-003
R60	Thermister D33A	004-099-9-002

CAPACITORS

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
C17,38,39	Ceramic SL 1pF	020-097-9-005
C51,52	Ceramic SL 2pF	020-097-9-004
C4	Ceramic SL 5pF	020-097-9-007
C20	Ceramic SL 10pF	020-097-9-010
C8	Ceramic N220 15pF	
C6	Ceramic SL 22pF	020-097-9-006
C11	Ceramic N220 22pF	
C14	Ceramic SL 33pF	
C12	Ceramic N220 33pF	020-097-9-001
C48	Ceramic SL 47pF	020-097-9-011
C2,7,31,33,36,41,44, 87	Ceramic SL 100pF	020-088-9-004
C30,49	Ceramic SL 150pF	020-097-9-002
C5	Ceramic SL 180pF	020-097-9-021
C3,32,40,43,59	Ceramic SL 220pF	020-097-9-009
C35,47	Ceramic Y5R 470pF	020-097-9-022
C67,70	Ceramic Y5R 1000pF	020-125-9-006
C1,9,13,15,16,23,29	Ceramic Y5R 4700pF	020-088-9-008
37,42,45,46,50,53		
~58,60,62~64,		
68,71,78~80,83~86		
C27,34	Mylar film 0.01μF	025-060-9-001
C65	Mylar film 0.022μF	025-071-9-002
C19,21,22,24,25	Mylar film 0.033μF	025-060-9-003
C10,66,69	Electrolytic 1μ 50V	022-076-9-001
C18,28,82	Electrolytic 3.3μ 50V	022-076-9-002
C61,74	Electrolytic 10μ 16V	022-076-9-003
C75	Electrolytic 33μ 16V	022-076-9-005

COMPOSITE

488-151-9-001