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TRADE NAME Heath Models CB-1 (Kit), W-CB-1 (Wired)

Heath Co., A Subsidiary of Daystrom Inc., Benton Harbor, Michigan MANUFACTURER

AC-Battery Operated 4 Tube Citizens Band Transmitter-Receiver TYPE SET

105 - 125 Volts AC, 50-60 Cycles (or) 6 Volt Storage Battery (or) 12 Volt Storage Battery POWER SUPPLY

26 Watts, .28 Amp. @117 Volts AC (Receiver); 32 Watts, .34 Amp. @117 Volts AC (Transmit)

RATING

1.8 Amp. @6.3 Volts DC .9 Amp. @12.6 Volts DC

Any One of Citizens Band Channels 1 thru 23 TUNING RANGE

(Transmitter is Crystal Controlled, Receiver is Continously Tuneable)

ALIGNMENT PROCEDURE

If the Tuning Capacitor fails to cover the proper tuning range, adjust Al.

Connect the DC probe of the VTVM to pin 7 (grid) of the Final, Common to chassis. Switch on Transmitter and adjust A2 for maximum deflection. Using a field strength meter, adjust A3 for maximum output from the transmitter.

If the transmitter interfers with TV reception, adjust trap A4 for MINIMUM interference.

NOTICE

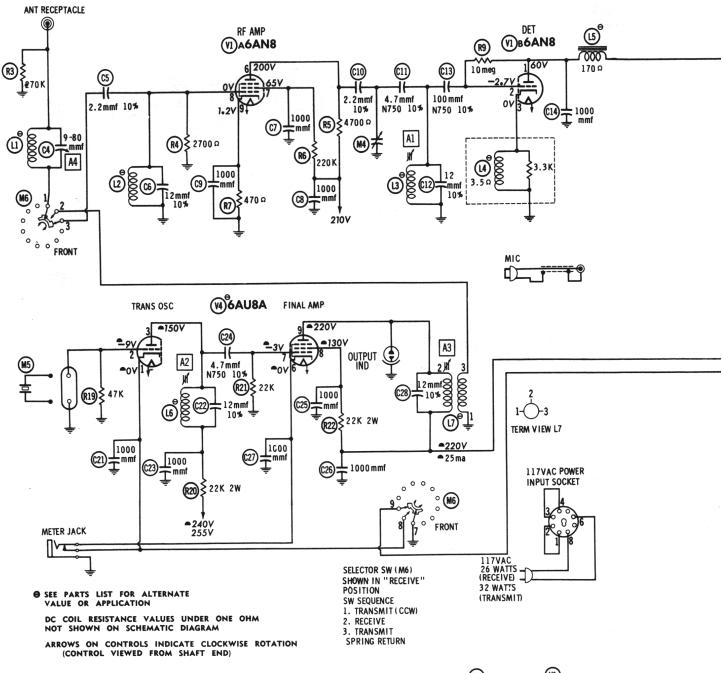
ONLY THOSE PERSONS PROPERLY LICENSED BY FCC ARE PERMITTED TO MAKE CRYSTAL SUBSTITUTION OR EFFECT REPAIRS ON THE TRANSMITTER PORTION OF THIS UNIT.

HOWARD W. SAMS & CO., INC. Indianapolis 6, Indiana



The listing of any available replacement part herein does The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of KZ617

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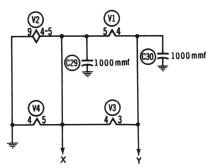


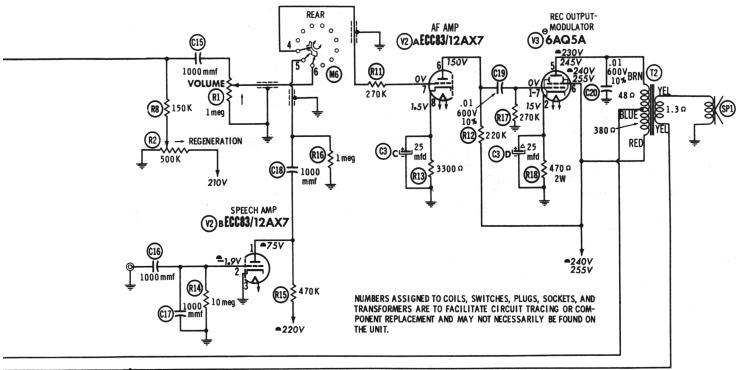
ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
Vl	6 AN8	†800K	†llmeg	3.5 Ω	FILS	FILS	†15K	†230K	.1Ω	470 Ω
V2	ECC83 12AX7	_†480K	10 meg	0 Ω	FILS	FILS	†220K	270 K -1.3 meg	3300 Ω	
V3	6 A O 5 A	270 K	470 Ω	FILS	FILS	†760Ω	†330 Ω	270 K		
V4	6 AU8 A	• 0 Ω	47K	†22K	FILS	FILS	- 0Ω	22K	†22K	†710Ω

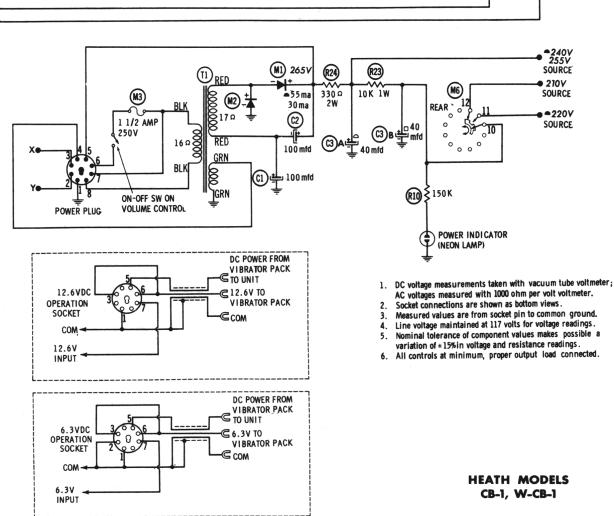
ALL MEASUREMENTS TAKEN IN "RECEIVE" POSITION UNLESS OTHERWISE INDICATED

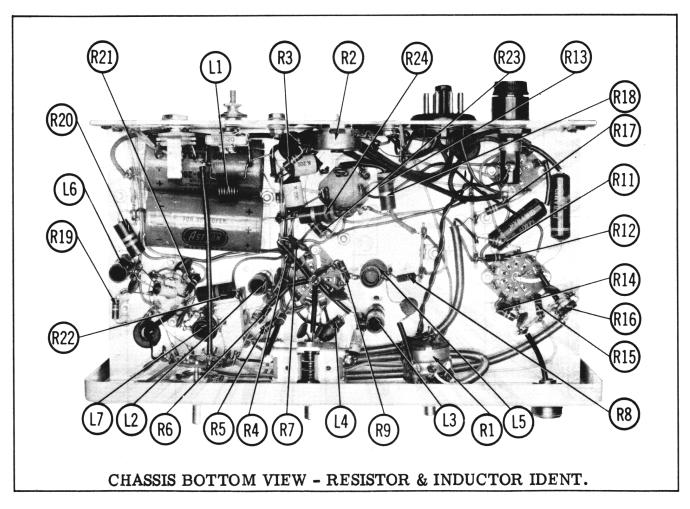
† MEASURED FROM OUTPUT OF M1

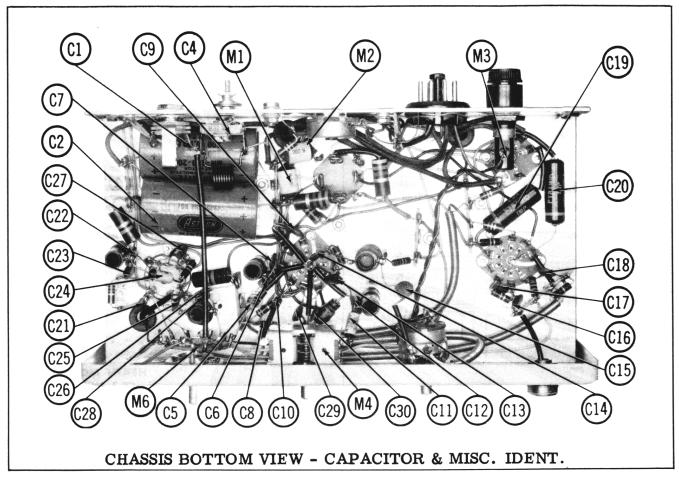
MEASURED IN "TRANSMIT " POSITION











PARTS LIST AND DESCRIPTIONS (Continued) FIXED CAPACITORS (cont)

			DEP!		PEPI ACE	PEPI ACEMENT DATA		
ITEM					E			
2	RATING	REMARKS	AEROVOX	CENTRALAB		ELMENCO	MALLORY	SPRAGUE
į			PART No.	PART No.	PART No.	PART No.	PART No.	PART No.
C27	1000		BPD-001	DD-102		CCD-102	B-210	5HK-D10
200	12 10%		1469-000012	TCZ-12		CM-19B-120K	CNO-412	MS-412
5	2000		BPD-001	DD-102	BYA10D1	CCD-102 B-210	B-210	5HK-D10
5	0001		RPD-001	DD-102		CCD-102	B-210	5HK-D10

Heath Part Number.

CONTROLS

		9		REF	PLACEMENT DA	ΤA		
ITEM	KATING	2	HEATH	CENTRALAR	_	CTS-IRC	MALLORY	INSTALLATION NOTES
ģ	RESIST.	WATTS	Δ.	PART No.	PART No.	PART No.	PART No.	
RIA	lmeg	-401	A-19-27	B-70-S	A47-lmeg-Z	Q13-137	U53	Volume
Ø	Shaft				FS-3	Not Req.	Not Ked.	Domon Off On
Ü	Switch				SWE-12	1-91	02-20	Fower officer
R2A	500K	-100	E-10-60		B47-500K-8	BII-133	TASSL	Regeneration
B	Shaft			Not Req.	Not Req.	TM4	Not Req.	

RESISTORS All wattages 1/2 watt, or less, unless otherwise listed.

	KS												
VIA	REMARKS												
REPLACEMENT DATA	WORKMAN	PART No.											
RE	IRC	PART No.											
	RATING	**	10meg	470K	lmeg	270K	4700 2W	47K	22K 2W	22K	22K 2W	10K 1W	3300 2W
	Z Z	į	R14	RIS	RIG	RI7	RI8	RI9	R20	R21	R22	R23	R24
TA	REMARKS												
REPLACEMENT DATA	WORKMAN	PART No.											
REP	RC	PART No.											
	RATING		270K	27000	47000	220K	4700	150K	10meg	150K	270K	270K	33000
	ITEM	ė	R3	R4	252	Re	R7	R8	R9	R10	RII	R12	RIS

COILS (RF-IF)

HEATH Merit Muller Stoncor Workman TV		NOTES		* Ll thru L7 may be	ordered as a set(Part #	141-1).	Wound on 33000			
Maria Maria Maria Maller		Workman TV	PART No.							
No. No.		Stancor	PART No.							
No. No.	EMENI DATA	Miller	PART No.							
NETTAP D-45-49 *	KEPLACE	Merit	PART No.	-						
₹ 6				D-45-49 *	V-40-186 *	V-40-186 *	45-26 * D	42-48 *	V-40-186 *	V-40-187 *
SEEFEE S		asn		RF Trap	Ant,	Ogc.	RF Choke	RF Choke (75MH)	Osc. Plate	Final Plate
		TEM	ģ	3	172	Ľ3	7	12	91	L7

TRANSFORMER (POWER)

					REPLACEM	EPLACEMENT DATA			
ITEM		RATING		HEATH	Merit	Stancor	_	Triad	NOTES
ž				TO TO	14 70 40	TO TO TO	TO TO	DADT NIC	
	PRI.	SEC. 1	SEC. 2	PAKI NO.	PAKI NO.	PAKI NO.	-	TARI 140.	
Ħ	117V@	100V@	6.3V@	54-87					
	. 34A	. 200A	1, 9A						
		AC							

TRANSFORMER (AUDIO OUTPUT)

		NOTES			
		Triad	LAKI NO.		
	VIA	Merit Stancor Thordarson Triad	FAKI NO.		
1	REPLACEMENT DATA	Stancor	LAKI NO.	A-3817	
	REPL/	Merit	FAKI NO.		
THE CHAPTER (SECTION)		HEATH	LAKI NO.	51-43	
		IM PEDANCE	SEC.	3-40	
			PRI.	670003	Tap (2) 12%
		Ž Š		T2	

SPEAKER

					JI LANEN	
				REPLACEMENT DATA	NT DATA	
Z Z		TYPE		неатн	QUAM	NOTES
	SIZE		FIELD V. C. IMP.	PART No.	PARI No.	
SPI	321	PM	3-40	401-21	3A07	
1						

POWER RECTIFIERS

	NOTES		
	SYLVANIA PART No.	SR200 SR200	
DATA	SARKES TARZIAN PART No.	2F4 2F4	01000
REPLACEMENT	RCA PART No.	INI763 INI763	
	HEATH PART No.	57-23 57-23	
RATING	CURRENT (Measured)	. 055A . 055A	
	Ş è	M2	

FUSES

	BUSS PART No.	HOLDER	HKP	
	PARI	FUSE	AGC 1½	
REPLACEMENT DATA	LITTELFUSE PART No.	HOLDER	342001	
REPLACEM	LITTEI	FUSE	31201. 5 (3AG 1½A 250V)	
	HEATH PART No.	HOLDER		
	HE	FUSE		
	RATING		1 ¹ / ₂ A 250V	
	TYPE		3AG	
	¥ Se		М3	

MISCELLANEOUS

NOTES		Receiver	Channel 1	Channel 2	Channel 3	Channel 4	Channel 5	Channel 6	Channel 7	Channel 8	Channel 9	Channel 10	Channel 11	Channel 12	Channel 13	Channel 14	Channel 15	Channel 16	Channel 17	Channel 18	Channel 19	Channel 20	Channel 21	Channel 22	Channel 23	Function (Rotary Type)	
неатн	PARI No.	25-56 Re	_	_	_	_	404-18 Ch	_	_	_	404-22 CI	_	_	_	_	_	_	_	_	_	_	_	_	_	404-36 C	_	4808
PART NAME		Tuning Cap.	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Crystal	Switch	Microphone									
Z S		M	2	1																						Me	

CABINETS & CABINET PARTS

(When Ordering Cabinets & Cabinet Parts, Specify Model, Chassis & Color)

DESCRIPTION	Volume, Tuning Function Selector Plastic
PART NO.	462-85 462-86 211-16 90-111
NAME	Knob Knob Handle Cabinet

WIRING DATA

FOWEL CALL	
	General-use Unshielded Hook-up Wire Use BELDEN No. 8530 (Solid) Available in Ten Colors
Oost Johnson Cond	