

SIGNAL SUPPLY CATALOG

*Organizational Spare Parts for*

Sound Range Set GR-3-C

Section Sig 7 lists the authorized allowance of spare parts and major components for first and second echelon using organizations. This section is comprised of 2 parts as follows:-

- a. Authorized maintenance parts to be kept on hand by first and second echelon organizations.
- b. Basic issue items; a list of the component parts of the equipment showing the quantities of each that comprise a complete operating unit.

Replenishment of organizational stocks will be accomplished by requisition of individual items on the W.D., A.G.O. Form 446, "Property Issue Slip." Equipment item numbers should be shown on all requisitions at the end of the Nomenclature and will serve as additional item identification.

EXPENDABILITY

Expendability of individual items will be in accordance with latest edition of Signal Supply Catalogue Sig. 5 which shows expendability of all items stored and issued by the Signal Corps.

*Headquarters, Army Service Forces 10 October 1944*

HEADQUARTERS, ARMY SERVICE FORCES,  
 WASHINGTON 25, D. C., 10 OCTOBER 1944.

Army Service Forces Signal Supply Catalog Sig. 7-GR-3 Organizational Maintenance Parts for Sound Range Set GR-3-C has been prepared under the supervision of the Chief Signal Officer and is published for the information and guidance of all concerned.

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IBn 11: T/O & E 11-15; 11-95.

IC 6: T/O 6-77; 6-78S.

IC 11: T/O & E 11-7; 11-47; 11-57; 11-107; 11-127; 11-237; 11-517; 11-557; 11-577; 11-587; 11-592; 11-597.

For explanation of symbols, see FM 21-6.

SPECIAL NOTES

Dry batteries shown are used with the equipment but not part of it. They will not be automatically preshipped (except for new equipments) but are to be requisitioned in quantities necessary for the particular organization and/or theatre.

# SECTION A

## AUTHORIZED MAINTENANCE PARTS

### SOUND RANGE SET GR-3-C

SIG 7-GR-3

Reference No. TM 11-444	Illustration Fig. No.	Equipment Item No.	Stock No.	Nomenclature	Unit of Measure	Quantity per Assembly	Organizational Spare Parts										
							2d Echelon Stocks										
							Run- ning 1st Ech.	1-3	4-7	8-15	16-30	31-70	71-130				
		GR3/1	4C197	BAG, EG-57	ea	10											
		GR3/2	3Z232	BINDING POST, type 36 Ensign, Eby Co.	ea		1	1	2	2	2	3	3				
		GR3/3	4E581	BLOCK, protector; carbon, Cook #2081	ea	18	2	5	7	10	12	15	15				
		GR3/4	4E582	BLOCK, protector; carbon, Cook #4500	ea	18	2	5	7	10	12	15	15				
		GR3/5	3G210	CEMENT, insulate; Central Scientific G No. 4470	ea	1 can	1	2	3	5	7	10	10				
		GR3/6	4G3008C/K1	CHEMICAL KIT, photographic	ea	1	1	5	10	20	50	100	100				
		GR3/8	4G355	CLAMP MM-7	ea	2	1	2	3	4	4	4	4				
		GR3/10	4G385	CONTROL BOARD BD-85 (includes the following items)	ea	1											
	206	BD85/1	3F3470-1	AMMETER, D.C., 0-10 milliamp; Model 506 type	ea	8		1	2	2	2	3	3				
				F01, American War Standard MR25W010DCMA.													
	204	BD85/2	3F3470-2	AMMETER, D.C., 0-15 milliamp; Weston Model 506 type F01 American War Standard MR25W015DCMA.	ea	1		1	1	2	2	2	2				
				AMMETER, D.C., 0-5 amp; Weston Model 506 type	ea	1		1	1	2	2	2	2				
	201	BD85/3	3F1005-21	D01, AWS MR25W005DCAA.	ea	1											
				AMMETER, D.C., 0-20 amp; Weston Model 506 type	ea	1		1	1	2	2	2	2				
	203	BD85/4	3F1020-11	D01, AWS MR25W020DCAA.	ea	8		1	2	2	2	3	3				
				ATTENUATOR, 10/10 ohms; Daven Co. type LA-800.	ea	1		1	2	2	2	3	3				
	218	BD85/5	2Z392	FRAME, Jack Strip; Automatic Electric type RC-65.	ea	1		1	2	2	3	3	3				
	216	BD85/6	4C4365	FUSE, type 3AG, 1/2 amp; Littelfuse No. 1045.	ea	1	24	25	40	60	80	100	100				
	210	BD85/7	3Z2987	FUSE, type 3AG, 15 amp; Littelfuse No. 1082.	ea	1	24	25	40	60	80	100	100				
	211	BD85/8	3Z2015-1	FUSE FU-25	ea	1	12	10	25	40	60	80	100				
	212	BD85/9	3Z1925	FUSE FU-26	ea	1	12	10	25	40	60	80	100				
	213	BD85/10	3Z1926	FUSE POST, extractor. Littelfuse type 3AG, Cat. No. 1075A.	ea	4	1	3	5	7	9	15	15				
		BD85/11	3Z3275-1	KEY (for Test Key)	ea	1		1	2	2	2	3	3				
	207	BD85/12	4C5208DA	KEY (for Station Battery Key)	ea	1		1	2	2	2	3	3				
	208	BD85/13	4C4970-4		ea	1		1	2	2	2	3	3				

Reference No. TM 11-444	Illustration Fig. No.	Equipment Item No.	Stock No.	Nomenclature	Unit of Measure	Quantity Assembled	Organizational Spare Parts					
							Equipments to be Maintained					
							1-3	4-7	8-15	16-30	31-70	71-130
217	BD85/14	3Z5983		RESISTOR, 0-3 ohm; 20-watt, IRC type DG-20.	ea	1	1	2	2	3	3	
214	BD85/15	2Z8778		SOCKET SO-78.	ea	1		1	2	2	2	
215	BD85/16	2Z8779-25		SOCKET SO-125	ea	1		1	2	2	2	
219	BD85/17	4G385A/S1		SOCKET, female; Mine's Equipment Co., type 2901P.	ea	9		1	1	2	2	
209	BD85/18	4G385A/T1		TRANSFORMER, output.	ea	8		1	1	2	2	
202	BD85/19	3F8050-10		VOLTMETER, D.C., 0-50 volts; Model 506 type A01 American War Standard MR25W050DCVV.	ea	1		1	1	2	2	
205	BD85/20	3F8100-2		VOLTMETER, D.C., 0-100 volts; Model 506 type A01 American War Standard MR25W100DCVV.	ea	1		1	1	2	2	
	GR3/8	3B29/3		COVER, cell (for Battery BB-29).	ea	16	3	10	15	25	35	
	GR3/11	3E2038		CORD CO-38	ea	10	1	2	2	3	3	
	GR3/12	3E1250A		CORD CD-250-A	ea	1	1	2	2	3	3	
	GR3/13	3E1438		CORD CD-438	ea	2	1	2	2	3	3	
	GR3/14	3E1439		CORD CD-439	ea	1	1	2	2	3	3	
	GR3/15	3E1443		CORD CD-443	ea	1	1	2	2	3	3	
	GR3/16	3E1475		CORD CD-475	ea	1	1	2	3	4	5	
	GR3/17	3E1444		CORD CD-444	ea	8	1	2	3	4	5	
	GR3/18	SC35-1		FILM DRYER	ea	2	1	2	3	4	5	
	GR3/19	62A002		FLASHLIGHT TL-122-A (includes the following items)	pl	1	1	5	10	20	50	
	TL122/1	6Z4002A, 1/1		LENS	ea	1						
	TL122/2	6Z4002A, 1/4		FILTER, M-384	ea	1						
	GR3/20	3Z1911		FUSE FU-10.	ea	1		2	4	6	12	
	GR3/21	3Z2427		FUSE, 5 amp., Cooke Electric No. A-7	ea	18	5	10	15	30	50	
	GR3/22			HOOK, steel rod.	ea	18	3	6	10	15	20	
	GR3/25	4G1406A		MICROPHONE SHELTER BE-66-A	ea	20	5	15	25	35	50	
	GR3/26	4G1921B		MICROPHONE T-21-B	ea	10	2					
	GR3/27	4G1614C		OSCILLOGRAPH EQUIPMENT IE-14 (includes the following items)	ea	10	2					
	IE14/1	6Z922LR		RELTING, leather, round, 2 1/2"	ft	2	4	8	10	12	14	
314	IE14/2	6G1614C/C1		CAP, socket (resording lamp)	ea	1	1	1	2	2	3	
313	IE14/3	3D-177A		CAPACITOR CA-177-A, 0.5 mf.	ea	1	1	1	2	2	3	
	IE14/4	3DB1.763		CAPACITOR, 1.0 mf.	ea	3	1	1	2	2	3	
301	IE14/5	4C435		COUNTER, record numbering.	ea	1		1	1	1	2	

IE14/6	2Z3271	COUPLING, flexible; "Lord Mfg." Part No. J-1211-1	1	1	2	2	3	3
IE14/7	4C3003C/CI	CUTOFF MECHANISM	1	1	1	2	2	2
IE14/8	4G820	JACK, Oscillograph Unit	1	1	1	2	2	2
IE14/32	6Z6827	LAMP LM-30	5	10	2	3	5	7
IE14/33	4G1240	LAMP LM-40	1	10	1	2	3	5
IE14/9	4C4970-048	LEVER KEY (counter and fork control)	1	1	1	1	1	2
IE14/10	4C4970-438	LEVER KEY (Lamp and motor controls)	1	1	1	1	1	2
IE14/11	4C4979	LEVER KEY (heater control)	5	1	1	1	1	2
IE14/12	4G1614C/M2	MIRROR (identification)	1	1	1	1	1	2
IE14/13	4G1614C/M3	MIRROR (timing system)	1	1	1	2	2	2
IE14/14	4G1614C/M4	MIRROR (viewing)	1	1	1	2	2	2
IE14/15	3H311	MOTOR, electric, Boding Elec. Co., type NSEG-14R	1	1	1	1	1	2
IE14/18	2Z7086	RELAY (Solonoid cutter operations)	1	1	1	1	1	2
IE14/19	3Z5996-1	RESISTOR, wire wound 20 watt; 6.0 ohms, I.R.C. type DG-20	1	1	1	1	1	2
IE14/20	3Z6004A5-3	RESISTOR, wire wound; 20 watt, 45 ohm, I.R.C. type DC-20	1	1	1	1	1	2
IE14/21	3Z6010-19	RESISTOR, wire wound; 20 watt, 100 ohm, $\pm 5\%$ , I.R.C. type DG	1	1	1	1	1	2
IE14/22	3Z6001-11	RESISTOR, wire wound; 50 watt, 10 ohm, I.R.C. type EP	1	1	1	1	1	2
IE14/23	3Z6008-1	RESISTOR, wire wound; 80 ohm, (lens heater) Eng. Lab. type GU-606	1	1	2	3	5	7
IE14/24	3Z6001P6	RESISTOR, wire wound; 16 ohm (developer heater) Eng. Lab. type GU-663	1	1	2	3	5	7
IE14/25	3Z7000E5	RHEOSTAT, wire wound; 25 watt, 5 ohm, I.R.C. PR-25	1	1	1	2	2	3
IE14/26	2Z5778	SOCKET SO-78	1	1	1	1	1	2
IE14/27	2Z5799-25	SOCKET SO-125	1	1	1	1	1	2
IE14/28	4G16140/S1	SPRING ASSEMBLY (cutter relay)	1	1	1	1	1	2
IE14/31	8A3903	TRAY, fixing	1	1	1	1	1	2
GR3/28	4G1741	OUTPOST CONNECTING BOX BE-71	2	1	1	1	1	2
GR3/29	4G1751	OUTPOST UNIT BE-51	2	1	1	1	1	2
GR3/30	3B29/10	PLUG (Vent for Battery BB-29)	2	1	1	1	1	2
GR3/31	4B2358	PLUG PL-58	2	3	10	15	20	25
GR3/32	4C1909	RELAY UNIT BK-9 (includes the following items)	2	1	1	2	3	3
BK9/1	3D177A	CAPACITOR CA-177-A, 0.5 mf., 400 vdw.	1	1	1	1	1	1
BK9/2	4C9858	JACK STRIP, base; 16 point, Automatic Electric Co. Cat. No. D-42124	5	3	1	2	2	3
BK9/3	2Z7645-5	RELAY, type AQA-1	1	1	1	1	1	2
BK9/4	2Z7592-6	RELAY, type AQA-2	1	1	1	1	1	2
BK9/5	2Z7640-7	RELAY, type AVR-3	1	1	1	1	1	2
BK9/6	2Z7592-2	RELAY, type ASO-4	1	1	1	1	1	2

Reference No. TM 11-444	Illustration Fig. No.	Equipment Item No.	Stock No.	Nomenclature	Unit of Measure	Quantity per Assembly	Organizational Spare Parts					
							2d Echelon Stocks					
							1-3	4-7	8-15	16-30	31-70	71-130
5	BK9/7	277649-8	RELAY, type AWS-5	ea	1	1	2	2	3	3		
6	BK9/8	277592	RELAY, type ASO-6	ea	1	1	2	2	3	3		
8	BK9/9	326030-28	RESISTOR, 300 ohms; 1 watt, type 518	ea	1	2	2	3	3	5		
9	BK9/10	326045-9	RESISTOR, 450 ohms; 1 watt, D-28287	ea	1	2	2	3	3	5		
7	BK9/11	327200-3	RHEOSTAT, 200 ohms; 6 watt	ea	1	2	2	3	3	5		
	BK9/12	4G1909/S1	SPRING ASSEMBLY (for Relay AQA-1) (Auto. Elec. Co.)	ea	1	1	2	2	3	3		
	BK9/13	4G1909/S2	SPRING ASSEMBLY (for Relay AQA-2) (Auto. Elec. Co.)	ea	1	1	2	2	3	3		
	BK9/14	4G1909/S3	SPRING ASSEMBLY (for Relay AVR-3) (Auto. Elec. Co.)	ea	1	1	2	2	3	3		
	BK9/15	4G1909/S4	SPRING ASSEMBLY (for Relay ASO-4) (Auto. Elec. Co.)	ea	1	1	2	2	3	3		
	BK9/16	4G1909/S5	SPRING ASSEMBLY (for Relay AWS-5)	ea	1	1	2	2	3	3		
	BK9/17	4G1909/S6	SPRING ASSEMBLY (for Relay ASO-6)	ea	1	1	2	2	3	3		
	GR3/33	6R24639	SOLDERING IRON TL-139	ea	1	1	1	2	2	3		
	GR3/34	8A3665	SPONGE, No. 7, fine pore	ea	1	5	10	20	50	100		
	GR3/35		SPRING, music wire	ea	20	5	15	25	35	50		
	GR3/39	4G4762B	SWITCHBOARD BD-62-B, C (includes the following items)	ea	1							
104	BD62/1	4C1527AW	BUZZER, alarm; Code 7-AW, WE, Co.	ea	1	1	1	2	2	2		
111-1 to 6	BD62/2	3DB1.763	CAPACITOR, 1.0 mf; 200 vdw, type 4C-763	ea	16	4	1	2	2	3		
110	BD62/3	3DA250-6.1	CAPACITOR, 0.25 mf; 280 vdw; 230 (MOZ) Acrovok	ea	1	2	1	2	2	3		
112	BD62/4	3DI177A	CAPACITOR CA-177-A, 0.5 mf; 400 vdw	ea	1	1	1	2	2	3		
107	BD62/5	3C323-2A	COIL, choke; A.T.C. type 2A	ea	1	1	2	2	3	3		
106	BD62/6	3C44	COIL C-44, induction; 24 volts, D.C., Type 12-A	ea	1	1	2	2	3	3		
105	BD62/7	3C1712A	COIL, 24 volts; D.C., Type 12-A, Western Electric Co.	ea	1	1	2	2	3	3		
108	BD62/8	4C3503	DROP M-203 (Modified)	ea	1	1	2	2	3	3		
119	BD62/9	3Z1925	FUSE FU-25, 1 ampere	ea	1	12	10	40	60	80		
120	BD62/10	3Z1926	FUSE FU-26, 1 ampere	ea	1	12	10	25	40	60		
	BD62/11		FUSE POST, extractor, "Littelfuse" type 3AG	ea	1	3	5	5	10	10		
115	BD62/12	4C4314	JACK, Type DC-4	ea	1	1	1	1	2	2		
113	BD62/13	4C4319	JACK, Type DC-19	ea	1	1	1	1	2	2		

114	BD62/14	4C4277	JACK JK-37	ea	1	1	1	2	2
116	BD62/15	4C5208DA	LEVER KEY, two way; Type DA (for Ringing and Alarm Circuit Key).	ea	1	1	1	2	2
117	BD62/16	4C4977	LEVER KEY, two way; Type DA (for Outpost Circuit Key).	ea	2	2	2	3	3
118	BD62/17	4C4978	LEVER KEY, two way; Type DA (for Microphone Circuit Key).	ea	8	2	2	3	3
101, 102	BD62/18	2Z7645	RELAY, Type AQA, (for Ringing Relay)	ea	2	2	4	6	6
109	BD62/19	3Z6015-9	RESISTOR, 150 ohm; 1w, Type 518	ea	1	1	2	3	3
121	BD62/20	4G4762B/57	SOCKET, male; Type I.P. (For Output connection)	ea	9	1	2	3	3
103	BD62/21	4F2544	TRANSFORMER, ringing	ea	1	1	2	2	2
	GR3/29	3F4056C	TEST SET L-56-C (includes the following items)	ea	1	1	1	2	2
	I56/256	3A30	BATTERY BA-30	ea	1	2	4		
	I56/257	3A2	BATTERY BA-2	ea		2	4		
	I56/258	3A31	BATTERY BA-31	ea		2	4		
	I56/1	3F4072-2	COMBINATION TESTER: model 1183-SC	ea	1	1	1		
	I56/2	3F3324-2	OUTPUT METER: model 650-SC	ea	1	1	1		
	I56/3	3F14001	VOLT-OHM TESTER: model 666-SC	ea	1	1	1		
	GR3/40	8A3828	THERMOMETER PH-28	ea	2	1	2	3	3
	GR3/43	6R4600	TWEezer, brass; Figure 22312A	ea	2	1	3	7	10
	GR3/44	6R55496	WRENCH, set screw; No. 10, 1/4"	ea	2	1	3	9	10

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