

Superseded by Sig 7+8-I-107-A, Oct. 1950

ARMY SERVICE FORCES CATALOG

SIG 8-I-107

Ref. TM 11-306D

SIGNAL SUPPLY CATALOG

Higher Echelon Spare Parts for Voltohmmeter I-107-A, B, C, D, E, F, G (Part of ME-13)

Supersedes SIG 8-I-107, 1 July 1944

SPECIAL NOTES

1. 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 theater.
2. See SIG 6-ME-13 for additional information.
3. Illustration figure number indicated in column 3 of this catalog refers to illustration in TM 11-306D.

SIG 1, Introduction, is published as a guide to all sections of the Signal Supply Catalog. An explanation of the purpose and use of each section, requisitioning instructions, sample Property Issue Slips and Requisitions, are a part of its contents. A copy of SIG 1 should be in the possession of every user of any part of the Army Service Forces Signal Supply Catalog.

HEADQUARTERS, ARMY SERVICE FORCES,
WASHINGTON 25, D. C., 21 JUNE 1945.

Army Service Forces Signal Supply Catalog SIG 8-I-107, Higher Echelon Spare Parts for VOLTOHMMETER I-107-A, B, C, D, E, F, G, has been prepared under the supervision of the Chief Signal Officer, and is published for the information and guidance of all concerned.

[SPX 461 (13 June 45).]

BY COMMAND OF GENERAL SOMERVELL:

OFFICIAL:

J. A. ULIO

Major General

Adjutant General

LeR LUTES
Major General, GSC
Chief of Staff

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AAF (10); AGF (10); ASF (2); Dept (10); Base Comd (2); Island Comd (2); Arm & Sv Bd (1); Def Comd (2); S Div ASF (1); Tech Sv (2); SvC except NW SvC (10); Air Tech SvC (5); ATC (5); MDW (10); PE (5); ASF Dep (Sig Sec) (5); Dep 11 (5); Gen Oversea, SOS Dep (Sig Sec) (5); AGF Repl Dep (5); Pro Dist 11 (5); Insp Z 11 (5); Rep Shop 11 (5); A (10); CHQ (10); D (2); Three (3) copies to each of the following: T/O & E 2-10-1; 2-12; 2-26; 2-27; 3-267; 5-216; 6-10-1; 6-12; 6-20-1; 6-26; 6-36; 6-46; 6-50-1; 6-76; 6-77; 6-78; 6-86T; 6-110-1; 6-150-1; 6-156; 6-160-1; 6-166; 6-169; 6-176; 6-186; 6-200-IT; 6-216; 6-226; 6-226T; 11-7; 11-15; 11-16; 11-47; 11-57; 11-86S; 11-95; 11-107; 11-127; 11-237; 11-287; 11-517; 11-557; 11-577; 11-587; 11-592; 11-597; 17-16; 17-19; 17-20-1; 17-26; 17-29; 17-56; 17-60-1; 17-110; 17-126; 18-26; 18-36; 19-57; 19-500 MP Orgn; 44-17.

Refer to FM 21-6 for explanation of distribution formula.

Headquarters, Army Service Forces

June 1945

Item No.	Reference Symbol	Illustration Fig. No.	Stock No.	Nomenclature	Unit of Measure	Quantity per equipment	Maintenance (Initial working guide)				Supply (Initial stockage guide)		
							3d echelon			4th	Army depot	Base depot 1 yr.	
							1-2 equip.	3-7 equip.	8-15 equip.	100 equip.	100 equip.	50 equip.	100 equip.
			3F7107	VOLTOHMMETER I-107-A, B, C, D, E, F, G, vacuum tube, portable, 0 to 3/10/30, 100/300 volts d-c, 0 to 1000 ohms/10,000 ohms/100,000 ohms/1 meg/10 meg, 10" lg x 6" wd x 5" h, Sig C spec #71-1370.									
			(Order through AGO Channels). 3A30	TECHNICAL MANUAL TM 11-306D									
1			3A30	BATTERY BA-30; dry, 1.5 volts, cylindrical, 2 1/4" h x 1 1/4" diam, Sig C spec #70-21-P.	ea.	2					100	150	300
2			3A40	BATTERY BA-40; dry, 90 volts and 1.5 volts, rectangular, 5 1/4" x 4" x 7", Sig C spec #70-21.	ea.	1					100	150	300
3			3E7240-4	CABLE ASSEMBLY, power, battery, RC, round, 3/8" diam, 16 1/4" lg, 4 #20 AWG cond ea comprising 10 strands #29 copper, Precision Appar #1107FBC (w/Eby #97-4-506 connection one end, other end stripped and tinned).	ea.	1	1	1	2	3	8	24	40
4	C-1		3K2510214	CAPACITOR, fixed, mica, 1000 mmf ±20%, 1000 vdcw, max dimen 1 1/4" lg x 1 1/4" wd x 1/4" thk. CM25A102M.	ea.	1	1	1	1		3	8	12
5	C-2, 3		3DKA10-179	CAPACITOR, fixed, paper, 10,000 mmf +60% -20%, 400 vdcw, overall dimen 1 1/2" lg x 5/8" wd x 1/4" thk, Solar type #MPM.	ea.	2	1	2	2	3	12	35	60
6			2Z3024-49	CONNECTOR, male contact, 4 straight round cont, 90° angle type, 1 1/2" lg x 1 1/2" d x 1 1/2" wd, Eby #97-4-506 (battery plug).	ea.	1	1	1	2		7	21	35
7			6Z4990-1	HANDLE, case, leather, black, 11" lg x 1" wd x 1/2" thk, Precision Appar #I-107, Espey #27143.	ea.	1				4	4	12	20
8		3	2Z5822-13.1	KNOB, bar, black bakelite, for 1/4" diam shaft; single #8-32 set screw, 1 1/2" lg x 3/4" wd x 3/8" h, Kurz-Kasch type #S-292-3L, Precision Appar #1107FKB1 (selector knob).	ea.	2	1	1	1		3	9	14

9		3	22K5822-23	KNOB, round, black bakelite, for $\frac{1}{4}$ " diam shaft, single #8-32 set screw, $\frac{1}{4}$ " diam x $\frac{1}{2}$ " h, Kurs-Kasch type #S-230-3, Precision Appar #1-107FKB2.	ea	2	1	1	1	3	9	14	
10		3	3F710C/L2	LEAD, test, common lead, black RC, $\frac{1}{4}$ " O.D. x $5\frac{1}{2}$ " lg, single #18 AWG stranded copper cond, Espey #10.011 (w/#60 alligator clip on one end).	ea	1	1	2	3	4	14	45	70
11		3	3F7107C/L1	LEAD, test, d-c volt, black rubber over copper shielding, round, $\frac{1}{4}$ " O.D. x $5\frac{1}{2}$ " lg, single #18 AWG stranded copper cond, Espey Dwg #10.012 (terminated in test prod containing two $\frac{1}{2}$ meg series matched resistors one end, other end stripped and tinned).	ea	1	1	2	3	4	14	45	70
12			3F7107C/L3	LEAD, test, ohms lead, red RC, round, $\frac{1}{4}$ " diam x $5\frac{1}{2}$ " lg, single #18 AWG stranded copper cond, Espey #10.010 (terminated in black fibre prod $\frac{1}{4}$ " diam x 5 " lg w/ $\frac{1}{4}$ " pin, other end stripped and tinned).	ea	1	1	2	3	4	14	45	70
13		5, 7	3F7107C/A1	METER, milliammeter, d-c, 0.4 ma, 400 ohms, rectangular, bakelite semi-flush mtg case, $4\frac{1}{4}$ " flange x $2\frac{1}{4}$ " diam body x 1 " d, Simpson type M29, Precision Appar #1107FMA.	ea	1				4	4	12	20
14			3Z4220	PROD, test, bakelite handle w/nickel pl brass tip, 5 " lg x $\frac{1}{4}$ " diam, Espey #26.053 and 27.204.	ea	2	1	1	2	7	21	35	
15	R-3		3Z6960-19	RESISTOR, fixed, composition, 900 ohms $\pm 1\%$, 1 watt, consists of two $\frac{1}{2}$ watt resistors in parallel, ea 0.655" lg x 0.249" diam, IRC type BT $\frac{1}{2}$.	ea	1				7	7	21	35
16	R-13		3RC21BE102J	RESISTOR, fixed, composition, 1000 ohms $\pm 5\%$, $\frac{1}{2}$ watt, max body dimen 0.655" lg x 0.249" diam, RC21BE102J.	ea	1	1	1	1	6	17	27	
17	R-14		3RC21BE392J	RESISTOR, fixed, composition, 3900 ohms $\pm 5\%$, $\frac{1}{2}$ watt, max body dimen 0.655" lg x 0.249" diam, RC21BE392J.	ea	1	1	1	1	6	17	27	
18	R-2		3ZC960-19, 3	RESISTOR, fixed, composition, 9000 ohms $\pm 1\%$, 1 watt consists of two $\frac{1}{2}$ watt resistors in parallel, ea 0.655" lg x 0.249" diam, IRC type BT $\frac{1}{2}$.	ea	1				7	7	21	35
19	R-16		3Z6617A5-1	RESISTOR, fixed, composition, 17,500 ohms $\pm 5\%$, $\frac{1}{2}$ watt, overall dimen $\frac{3}{4}$ " lg x $\frac{1}{4}$ " diam Stackpole #MB $\frac{1}{2}$.	ea	1	1	1	1	6	17	27	



