

Rescinded per DA cir. 98, Dec. 1951

**ARMY SERVICE FORCES
CATALOG**

SIG 7-SCR-511

Ref. TM 11-245

SIGNAL SUPPLY CATALOG

Organizational Spare Parts for
Radio Set SCR-511-A, B, C

Supersedes SIG 7-SCR-511, dated 1 September 1944
10 Oct. 1944

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 of authorized maintenance parts.

EXPENDABILITY

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

Headquarters, Army Service Forces *5 January 1945*

SPECIAL NOTE

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.

HEADQUARTERS, ARMY SERVICE FORCES,

WASHINGTON 25, D. C., 5 JANUARY 1945.

This Army Service Forces Signal Supply Catalog SIG 7-SCR-511, Organizational Spare Parts for RADIO SET SCR-511-A, B, C, has been prepared under the supervision of the Chief Signal Officer, and is published for the information and guidance of all concerned.

[SPX 461 (21 Dec 44).]

BY COMMAND OF LIEUTENANT GENERAL SOMERVELL:

OFFICIAL:

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T/O & E 2-16 (3); 2-19 (3); 2-17 (3); 5-87 (3); 5-226 (3); 5-456 (3); 5-457 (3).
For explanation of symbols, see FM 21-6.

Section A
AUTHORIZED MAINTENANCE PARTS
 RADIO SET SCR-511-A, B, C

Reference Number TM 11-245	Illustration Fig. No.	Equipment Item Number	Stock Number	Nomenclature	Unit of Measure	Quantity per Assembly	Organizational Spare Parts			
							Running Spares (1st Ech.)	2nd Echelon Stocks		
								Equipments to be Maintained		
1-2	3-7	8-15								
	3	SCR511/2	4B439	CHEST UNIT T-39: less battery and tuning unit Includes the following items:	ea	1		1	1	1
203		T39/5	4B439A/M5	CAP: mouthpiece-receiver, soft rubber, Galvin #49C34287	ea	1		1	1	1
211		T39/6	4B439A/RG	RING: aluminum, Galvin #2A34211, mouthpiece retainer	ea	1		1	1	1
212		T39/7	4B439A/S3	SCREEN: #8 mesh, Galvin #64A34290, speaker protector	ea	1		1	1	1
SPK-1		T39/8	6C285	SPEAKER ASSEMBLY: PM speaker unit with gasket, 3-ohm voice coil, Galvin #1X35329	ea	1		1	1	1
213		T39/11	6L40207	WASHER: canvas, bakelite, Galvin #4A34292, mouthpiece retainer.	ea	1		1	1	1
	5	SCR511/6	2C5395-745	RADIO RECEIVER AND TRANSMITTER BC-745 Includes the following items:	ea	1		1	1	1
		BC745/4	2A292-3/1	CAP: plug, rubber, antenna seal, Galvin #37A34575	ea	1		1	1	1
		BC745/37	2C5395-745A/A2	PLATE ASSEMBLY: tube retaining with 9 shields and 2 snap slides, Galvin #1X35402	ea	1		1	1	1
		BC745/53	6L5050	SCREW: base collar locking, dog-point, $\frac{1}{16}$ "-24 x $1\frac{1}{2}$ ", Galvin #3A34651	ea	1		1	1	1
		BC745/56	6L18508-4.90C	SET SCREW: 8-32 x $\frac{1}{4}$ ", Bristo	ea	1		2	2	4
		SCR511/20	3H4496-157	POWER SUPPLY UNIT PE-157 Includes the following items:	ea	1				
CD-1	37	PE157/18	3E1618	CORD CD-618: 8' cable, one conductor black, one conductor yellow, Galvin #1X38101	ea	1		1	1	1
		PE157/23	3Z1925	FUSE FU-25: 5-amp, 3AG, Littelfuse #1080	ea	1		2	3	5
	9	SCR511/7	2Z9043	STRAP ST-43: Galvin #35B34988, for receiver and transmitter	ea	1		1	1	1
	9	SCR511/8	2Z9044	STRAP ST-44: Galvin #35B34982, for chest unit T-39	ea	2		1	1	1
			(Order through AGO channels)	TECHNICAL MANUAL TM 11-245	ea	2				

Running Spares Shown in Section B

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Reference Number TM 11-245	Illustration Fig. No.	Equipment Item Number	Stock Number	Nomenclature	Unit of Measure	Quantity per As- sembly	Organizational Spare Parts			
							Run- ning Spares (1st Ech.)	2nd Echelon Stocks		
								Equipments to be Maintained		
							1-2	3-7	8-15	
Chan 1	2	SCR511/9. 1	2C8100-746. 1	TUNING UNIT BC-746: transmitter 3010 KC, receiver 3465 KC	ea	1	1	1	1	
Chan 2	2	SCR511/9. 3	2C8100-746. 2	TUNING UNIT BC-746: transmitter 3825 KC, receiver 4280 KC	ea	1	1	1	1	
Chan 3	2	SCR511/9. 5	2C8100-746. 3	TUNING UNIT BC-746: transmitter 3995 KC, receiver 4450 KC	ea	1	1	1	1	
Chan 4	2	SCR511/9. 7	2C8100-746. 4	TUNING UNIT BC-746: transmitter 4845 KC, receiver 5300 KC	ea	1	1	1	1	
Chan 5	2	SCR511/9. 9	2C8100-746. 5	TUNING UNIT BC-746: transmitter 5500 KC, receiver 5955 KC	ea	1	1	1	1	
Chan 6	2	SCR511/9. 2	2C8100-746. 6	TUNING UNIT BC-746: transmitter 5880 KC, receiver 6335 KC	ea	1	1	1	1	
Chan 7	2	SCR511/9. 4	2C8100-746. 7	TUNING UNIT BC-746: transmitter 3245 KC, receiver 3700 KC	ea	1	1	1	1	
Chan 8	2	SCR511/9. 6	2C8100-746. 8	TUNING UNIT BC-746: transmitter 3525 KC, receiver 3980 KC	ea	1	1	1	1	
Chan 9	2	SCR511/9. 8	2C8100-746. 9	TUNING UNIT BC-746: transmitter 3655 KC, receiver 4110 KC	ea	1	1	1	1	
Chan 10	2	SCR511/9. 11	2C8100-746. 10	TUNING UNIT BC-746: transmitter 3735 KC, receiver 4190 KC	ea	1	1	1	1	
Chan 11	2	SCR511/9. 12	2C8100-746. 11	TUNING UNIT BC-746: transmitter 4780 KC, receiver 5235 KC	ea	1	1	1	1	
Chan 12	2	SCR511/9. 13	2C8100-746. 12	TUNING UNIT BC-746: transmitter 5030 KC, receiver 5485 KC	ea	1	1	1	1	
Chan 13	2	SCR511/9. 14	2C8100-746. 13	TUNING UNIT BC-746: transmitter 5305 KC, receiver 5760 KC	ea	1	1	1	1	
Estimated Weights, including repair parts of components					lbs.		40	40	40	
Estimated Volume, including repair parts of components					cu. ft.		1.5	1.5	1.5	

Section B
BASIC ISSUE ITEMS

RADIO SET SCR-511 (2S511) Date 30 Sept. 44

The following items comprise the basic issue equipment and consist of those items supplied for initial operation and for running spares in accordance with the authentic P & I C and sub-assembly control lists.

Stock Number	Nomenclature	Unit of Meas.	Unit Quantity		
			Quan. per Assem.	Run-ning Spares	Total
2S511	RADIO SET SCR-511	ea	1		1
	Includes the following items:				
3A49	BATTERY BA-49	ea		5	5
4B439	CHEST UNIT T-39	ea	1		1
	Includes the following sub-assembly item:				
2Z9044	STRAP ST-44: 1 1/4" x 54"	ea	2		2
3E1618	CORD CD-618	ea	1		1
3E1999-257	CORD CD-1257	ea	1		1
2Z6721-338	MOUNTING FT-338	ea	1		1
	Includes the following sub-assembly items:				
2Z6721-338A/1	BRACKET: extension, U-shaped	ea	1		1
2Z6721-338A/3	HARDWARE SET FOR FT-338-A	ea	1		1
2Z6721-338A/2	STRAP: for bracket	ea	1		1
3H4496-157	POWER SUPPLY UNIT PE-157	ea	1		1
	Including the following sub-assembly items:				
3B54	BATTERY BB-54	ea	1		1
3H771-131	CASE CS-131	ea	1		1
3H6708	VIBRATOR VB-8: 2-v, 7-prong base	ea	1	1	2
3H6709	VIBRATOR VB-9: 5-15-v, 4-prong base	ea	1	1	2
2C5395-745	RADIO RECEIVER AND TRANSMITTER BC-745	ea	1		1
	Including the following sub-assembly items:				
3A49	BATTERY BA-49	ea	1		1
2Z9043	STRAP ST-43: 3/4" x 35"	ea	1		1
2J1S5	TUBE: type 1S5	ea	1	1	2
2J1T4	TUBE: type 1T4	ea	3	4	7
2J3S4	TUBE: type 3S4	ea	5	6	11

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Stock Number	Nomenclature	Unit of Meas.	Unit Quantity		
			Quan- per Assem.	Run- ning Spares	Total
2Z9043	STRAP ST-43: 3/4" x 35"	ea.	1		1
2Z9044	STRAP ST-44: 1 1/4" x 54"	ea.	2		2
(Order through AGO channels)	TECHNICAL MANUAL TM 11-245	ea.	2		2
2CS100-746. 1	TUNING UNIT BC-746	ea.	1		1
	Including the following sub-assembly items:				
2X10-3010	CRYSTAL-HOLDER FT-243	ea.	1		1
2X11-3465	CRYSTAL-HOLDER FT-243	ea.	1		1
2CS100-746. 2	TUNING UNIT BC-746	ea.	1		1
	Including the following sub-assembly items:				
2X10-3825	CRYSTAL-HOLDER FT-243	ea.	1		1
2X11-4280	CRYSTAL-HOLDER FT-243	ea.	1		1
2CS100-746. 3	TUNING UNIT BC-746	ea.	1		1
	Including the following sub-assembly items:				
2X10-3995	CRYSTAL-HOLDER FT-243	ea.	1		1
2X11-4450	CRYSTAL-HOLDER FT-243	ea.	1		1
2CS100-746. 4	TUNING UNIT BC-746	ea.	1		1
	Including the following sub-assembly items:				
2X11-5300	CRYSTAL-HOLDER FT-243	ea.	1		1
2X10-4845	CRYSTAL-HOLDER FT-243	ea.	1		1
2CS100-746. 5	TUNING UNIT BC-746	ea.	1		1
	Including the following sub-assembly items:				
2X10-5500	CRYSTAL-HOLDER FT-243	ea.	1		1
2X11-5955	CRYSTAL-HOLDER FT-243	ea.	1		1
2CS100-746. 6	TUNING UNIT BC-746	ea.	1		1
	Including the following sub-assembly items:				
2X10-5880	CRYSTAL-HOLDER FT-243	ea.	1		1
2X11-6335	CRYSTAL-HOLDER FT-243	ea.	1		1
2CS100-746. 7	TUNING UNIT BC-746	ea.	1		1
	Including the following sub-assembly items:				
2X10-3245	CRYSTAL-HOLDER FT-243	ea.	1		1
2X11-3700	CRYSTAL-HOLDER FT-243	ea.	1		1
2CS100-746. 8	TUNING UNIT BC-746	ea.	1		1
	Including the following sub-assembly items:				
2X10-3525	CRYSTAL-HOLDER FT-243	ea.	1		1

2X11-3980.....	CRYSTAL-HOLDER FT-243.....	ea..	1	1
2C8100-746. 9.....	TUNING UNIT BC-746.....	ea..	1	1
	Including the following sub-assembly items:			
2X10-3655.....	CRYSTAL-HOLDER FT-243.....	ea..	1	1
2X11-4110.....	CRYSTAL-HOLDER FT-243.....	ea..	1	1
2C8100-746. 10.....	TUNING UNIT BC-746.....	ea..	1	1
	Including the following sub-assembly items:			
2X10-3735.....	CRYSTAL-HOLDER FT-243.....	ea..	1	1
2X11-4190.....	CRYSTAL-HOLDER FT-243.....	ea..	1	1
2C8100-746. 11.....	TUNING UNIT BC-746.....	ea..	1	1
	Including the following sub-assembly items:			
2X10-4780.....	CRYSTAL-HOLDER FT-243.....	ea..	1	1
2X11-5235.....	CRYSTAL-HOLDER FT-243.....	ea..	1	1
2C8100-746. 12.....	TUNING UNIT BC-746.....	ea..	1	1
	Including the following sub-assembly items:			
2X10-5030.....	CRYSTAL-HOLDER FT-243.....	ea..	1	1
2X11-5485.....	CRYSTAL-HOLDER FT-243.....	ea..	1	1
2C8100-746. 13.....	TUNING UNIT BC-746.....	ea..	1	1
	Including the following sub-assembly items:			
2X10-5305.....	CRYSTAL-HOLDER FT-243.....	ea..	1	1
2X11-5760.....	CRYSTAL-HOLDER FT-243.....	ea..	1	1

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