

# ARMY SERVICE FORCES SIG 8-SCR-506 (Revision) CATALOG

Ref. TM 11-630

## SIGNAL SUPPLY CATALOG

### Higher Echelon Spare Parts for Radio Set SCR-506-A

*This catalog section supersedes SIG 8-SCR-506 dated 1 July 1944  
Supersedes GMA List No. 225*

The following catalog sections are also necessary for higher echelon maintenance of above equipment:

SIG 8 BC-652	SIG 8 HS-30
SIG 8 BC-653	SIG 8 MP-57
SIG 8 FT-253	SIG 8 T-17
SIG 8 GY-40	

See "SIG 8-1 Notes", for general description of Ground Non-Radar equipment catalog sections in the SIG 8 series. These notes cover expendability, requisitioning instructions, and explanations of the use of these sections.

HEADQUARTERS, ARMY SERVICE FORCES,  
WASHINGTON 25, D. C., 17 Oct 1944.

Army Service Forces Signal Supply Catalog Sig 8 SCR-506 Higher Echelon Spare Parts for Radio Set SCR-506-A, has been prepared under the supervision of the Chief Signal Officer, and is published for the information and guidance of all concerned.

[SPX 461 (12 Oct 44).]

BY COMMAND OF LIEUTENANT GENERAL SOMERVELL:

W. D. STYER,  
Major General, General Staff Corps,  
Chief of Staff.

OFFICIAL:

J. A. ULIO,  
Major General,  
The Adjutant General.

DISTRIBUTION:

Armies (10); Corps (10); Sv C (10); Depts (10); Def C (2); D (2); IBn 11 (6); IC 11 (6); Tech Sv (2); Arm & Sv Boards (2); Gen & Sp Sv Sch (3); Air Sv C (5); Sig C Labs (5); PE (5); ASF Dep (Sig Sec) (5); Sig C Dep (5); Gen Oversea SOS Deps (Sig Sec) (5); Sig C Inspec Zones (5); Sig C Proc Dist (5); Sig C Rep Shs (5); Sv C Rep Shs (5); AGF Repl Dep (5).  
IBn 11: T/O & E 11-15, 11-95.  
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.

Headquarters, Army Service Forces

17 Oct 1944



SIG 8-SCR-506 (REVISION)

SCR506A/19	3H1640	DYNAMOTOR DM-40: 12 volts (Receiver)	ca	1	1	1	2	3	1	1	20	40	114	190
SCR506A/20	3H1642	DYNAMOTOR DM-42: 12 volts (Transmitter)	ca	1	1	1	3	1	1	1	26	52	144	240
SCR506A/21	2A1355-40	GUY SET GY-40	ca	1	1	1	1	1	1	2	4	4	7	12
SCR506A/22	2B830	HEADSET HS-30	ca	1	2	4	12	13	13	26	52	144	240	
HS30/1	2B1300	INSERT M-300 (Headset HS-30)	ca	2	2	2	2	2	2	13	26	52	144	240
SCR506A/26	3G586	INSULATOR IN-86 (includes lockwasher)	ca	3	1	2	4	4	4	13	26	72	120	
SCR506A/27	2Z533A	JACK JK-33-A (loudspeaker)	ca	1	1	1	1	1	1	2	4	7	12	
SCR506A/28	3Z3445	KEY J-45	ca	1	1	1	1	1	1	3	5	12	20	
SCR506A/29	2Z6303, 1	LOUDSPEAKER LS-3	ca	1	1	1	3	3	3	6	11	28	46	
SCR506A/30	2A2088-57	MAST BASE MP-57	ca	1	1	1	3	3	3	5	10	24	40	
SCR506A/31	2A2349	MAST SECTION MS-49	ca	1	7	14	48	48	112	224	660	1,100		
SCR506A/32	2A2350	MAST SECTION MS-50	ca	1	7	14	48	48	112	224	660	1,100		
SCR506A/33	2A2351	MAST SECTION MS-51	ca	1	6	11	36	36	84	168	468	780		
SCR506A/34	2A2352	MAST SECTION MS-52	ca	1	6	11	36	36	84	168	468	780		
SCR506A/35	2A2353	MAST SECTION MS-53	ca	1	4	8	26	26	60	120	336	560		
SCR506A/18	2B1567	MICROPHONE COVER M-367 (for T-17)	ca	1	1	1	1	1	1	3	5	12	20	
SCR506A/36	2B1617	MICROPHONE T-17	ca	1	1	2	5	5	16	32	96	160		
SCR506A/37	2B1645	MICROPHONE T-45	ca	1	2	4	13	15	48	96	276	460		
SCR506A/38	2Z6721-253	MOUNTING FT-253	ca	1	1	1	1	1	1	2	5	8		
SCR506A/39	2C4452A	RADIO RECEIVER BC-652	ca	1	1	2	4	4	8	16	42	70		
SCR506A/40	2C6530-653A	RADIO TRANSMITTER BC-653	ca	1	1	2	4	4	8	16	42	70		
SCR506A/41	2Z8056A	ROLL BG-56-A (for mast sections)	ca	1	1	2	4	4	4	8	21	35		
SCR506A/42	6Z7926	ROPE RP-5 (for auxiliary antenna and for tying down mast sections)	ft	50	1	1	2	2	10	19	49	82		
SCR506A/43	2B1589/1	SHIELD; bread (microphone T-45)	ca	1	3	5	16	16	60	120	336	560		
SCR506A/44.5	3Z8155	SWITCH SW-155 (Interphone and Radio BC-658)	ca	1	1	2	4	4	8	16	42	70		
SCR506A/45	2A2400	TERMINAL; antenna (for AN-24)	ca	1	1	2	4	4	8	16	42	70		
SCR506A/46	2Z6303, 1/2	TRANSFORMER (part of LS-3)	ca	1	1	2	4	4	4	8	21	35		
SCR506A/47	1B146	WIRE W-146 (for ground leads)	ft	15'	1	2	6	6	20	40	114	190		
ADD FOR INSTALLATION IN LIGHT TANK M3A3														
SCR506A/49	3G598	INSULATOR IN-98 (stand-off)	ca	2	2	3	10	10	38	76	210	350		
SCR506A/50	2C7978B	SWITCH BOX BC-658	ca	1	1	1	2	2	4	8	21	35		
ADD FOR INSTALLATION IN LIGHT TANK M5														
SCR506A/49	3G598	INSULATOR IN-98 (stand-off)	ca	2	4	10	2	2	38	76	210	350		
SCR506A/50	2C7978B	SWITCH BOX BC-658	ca	1	1	1	2	2	4	8	21	35		



SIG 8-SCR-506 (REVISION)

Part Number	Description	Unit	2	3	5	12	20
SCR506A/16	CONNECTOR: with 3/4" bond nut #BL-50; Appleton #61007.	ea.					
SCR506A/11	CORD CD-307	ea.	1	1	2	4	4
SCR506A/14	CORD CD-604	ea.	1	1	2	4	4
SCR506A/53	COVER BG-103	ea.	1	1	1	1	1
SCR506A/22	HEADSET HS-30	ea.	1	2	4	12	13
SCR506A/57	INSULATOR (used with MP-52)	ea.	3	1	1	3	3
SCR506A/61	MOUNTING FT-284	ea.	1	1	1	1	1
ADD FOR INSTALLATION IN SCOUT CAR M3A1							
SCR506A/62	BRACKET (for cabinet CH-74)	ea.	1				
SCR506A/11	CORD CD-307: 48" long.	ea.	1	1	2	4	4
SCR506A/14	CORD CD-604	ea.	1	1	2	4	4
SCR506A/63	COVER BG-103	ea.	1	1	1	1	1
SCR506A/22	HEADSET HS-30	ea.	1	2	4	12	13
HS30/1	INSERT M-300	ea.	2				
SCR506A/57	INSULATOR (for MP-52)	ea.	3	1	1	3	3
SCR506A/64	MOUNTING FT-326	ea.	1	1	1	1	1
ADD FOR INSTALLATION IN TRUCK 3/4 TON 4x4 CARRYALL							
SCR506A/11	CORD CD-307	ea.	1	1	2	4	4
SCR506A/14	CORD CD-604	ea.	1	1	2	4	4
SCR506A/53	COVER BG-103	ea.	1	1	1	1	1
SCR506A/65	FRAME FM-43	ea.	1	1	1	1	1
SCR506A/22	HEADSET HS-30	ea.	1	2	4	12	13
HS30/1	INSERT M-300	ea.	2				
SCR506A/67	INSULATOR IN-101	ea.	2	4	7	20	20
ADD FOR INSTALLATION IN TRUCK 3/4 TON 4x4 COMMAND CAR							
SCR506A/68	ADAPTER KIT MC-471	ea.	1	1	1	1	1
SCR506A/11	CORD CD-307	ea.	1	1	2	4	4
SCR506A/14	CORD CD-604	ea.	1	1	2	4	4
SCR506A/53	COVER BG-103	ea.	1	1	1	1	1
SCR506A/22	HEADSET HS-30	ea.	1	2	4	12	13
HS30/1	INSERT M-300	ea.	2				
SCR506A/67	INSULATOR IN-101	ea.	2	4	7	20	20
ADD FOR INSTALLATION IN TRUCK 5/8 TON 4x4 COMMAND CAR							
SCR506A/68	ADAPTER KIT MC-471	ea.	1	1	1	1	1
SCR506A/11	CORD CD-307	ea.	1	1	2	4	4
SCR506A/14	CORD CD-604	ea.	1	1	2	4	4
SCR506A/53	COVER BG-103	ea.	1	1	1	1	1
SCR506A/22	HEADSET HS-30	ea.	1	2	4	12	13
HS30/1	INSERT M-300	ea.	2				
SCR506A/67	INSULATOR IN-101	ea.	2	4	7	20	20
SCR506A/71	MOUNTING FT-285	ea.	1	1	1	1	1
SCR506A/72	SCREWS, NUTS, and WASHERS	kit	1	1	1	1	1



ADD FOR INSTALLATION IN CARRIER, PERSONNEL, HALF-TRACK M-5												
SCR506A/11	3E1307-5, 5	CORD CD-307	ca	1	1	2	4	4	8	16	42	70
SCR506A/14	3E1604	CORD CD-604	ca	1	1	2	4	4	8	16	42	70
SCR506A/53	2Z3400-103	COVER BG-103	ca	1	1	1	1	1	3	5	12	20
SCR506A/22	2B830	HEADSET HS-30	ca	1	2	4	12	13	26	52	144	240
HS30/1	2B1300	INSERT M-300	ca	2								
SCR506A/57	3G1350-28	INSULATOR (used with MP-52)	ca	3	1	1	3	3	6	11	28	46
SCR506A/61	2Z6721-284	MOUNTING FT-284 (for Cabinet CH-74)	ca	1	1	1	1	1	1	2	5	8
ADD FOR INSTALLATION IN CARRIER, PERSONNEL, HALF-TRACK M5A1												
SCR506A/11	3E1307-5, 5	CORD CD-307	ca	1	1	2	4	4	8	16	42	70
SCR506A/14	3E1604	CORD CD-604	ca	1	1	2	4	4	8	16	42	70
SCR506A/53	2Z3400-103	COVER BG-103	ca	1	1	1	1	1	3	5	12	20
SCR506A/22	2B830	HEADSET HS-30	ca	1	2	4	12	13	26	52	144	240
HS30/1	2B1300	INSERT M-300	ca	2								
SCR506A/57	3G1350-28	INSULATOR (used with MP-52)	ca	3	1	1	3	3	6	11	28	46
SCR506A/61	2Z6721-284	MOUNTING FT-284 (for Cabinet CH-74)	ca	1	1	1	1	1	1	2	5	8
ADD FOR INSTALLATION IN CAR, HALF-TRACK M9A1												
SCR506A/79	2Z1250, 21	BRACKET (for mounting FT-285)	ca	1					1	2	3	4
SCR506A/11	3E1307-5, 5	CORD CD-307	ca	1	1	2	4	4	8	16	42	70
SCR506A/14	3E1604	CORD CD-604	ca	1	1	2	4	4	8	16	42	70
SCR506A/53	2Z3400-103	COVER BG-103	ca	1	1	1	1	1	3	5	12	20
SCR506A/22	2B830	HEADSET HS-30	ca	1	2	4	12	13	26	52	144	240
HS30/1	2B1300	INSERT M-300	ca	2								
SCR506A/57	3G1350-28	INSULATOR (used with MP-52)	ca	3	1	1	3	3	6	11	28	46
SCR506A/61	2Z6721-285	MOUNTING FT-285	ca	1	1	1	1	1	1	2	5	8
ADD FOR INSTALLATION IN CARRIER, PERSONNEL, HALF-TRACK M3A1												
SCR506A/11	3E1307-5, 5	CORD CD-307	ca	1	1	2	4	4	8	16	42	70
SCR506A/14	3E1604	CORD CD-604	ca	1	1	2	4	4	8	16	42	70

# SIG 8-SCR-506 (REVISION)

Reference No. Technical Manual TM 11-630	Illustration Fig. No.	Equipment Item No.	Stock No.	Nomenclature	Unit of Measure	Quantity per assembly	Echelon stocks (operating levels)			Depot stocks (to maintain equipment)			
							Equipment to be maintained			Period of time			
							16-30	31-70	131-300	3d	4th	1 mo.	3 mo.
							(50)	(500)					
		SCR506A/53	223400-103	COVER BG-103	ea.	1	1	1	3	5	12	20	
		SCR506A/22	2B830	HEADSET HS-30	ea.	1	4	12	26	52	144	240	
		HS30/1	2B1300	INSERT M-300	ea.	2							
		SCR506A/57	3G1350-28	INSULATOR (used with MP-52)	ea.	3	1	3	6	11	28	46	
		SCR506A/61	2Z6721-284	MOUNTING FT-284 (for Cabinet CH-74)	ea.	1	1	1	1	2	5	8	
<p>REPAIR PARTS OF COMPONENTS</p> <p>IN ADDITION TO THE FOREGOING, ITEMS SHOWN IN THE FOLLOWING LISTS ARE NECESSARY FOR HIGHER ECHELON MAINTENANCE OF RADIO SET SCR-506-A</p>													
				Estimated weights in lbs.	lbs.	360	675	1,400	1,350				
				Estimated cubage in cu. ft.	cu ft.	18	34	70	67				