

ARMY SERVICE FORCES CATALOG

*Superseded file*  
**SIG 10-715**

*Superseded by Sig 10-BD-74*

**SIGNAL SUPPLY CATALOG**

**Fixed Plant Maintenance List**

**Switchboard BD-74-K**

TECHNICAL REFERENCE: U. S. ARMY SPEC. 71-681-B

Manufacturer: KELLOGG SWITCHBOARD & SUPPLY CO.

Mfr's Model No. BD-74-K

Headquarters, Army Service Forces—June 1945



Supersedes SIG 10-715, 15 April 1944

Refer to "SIG 10-1" and "SIG 10-2" for general instructions regarding use of this list

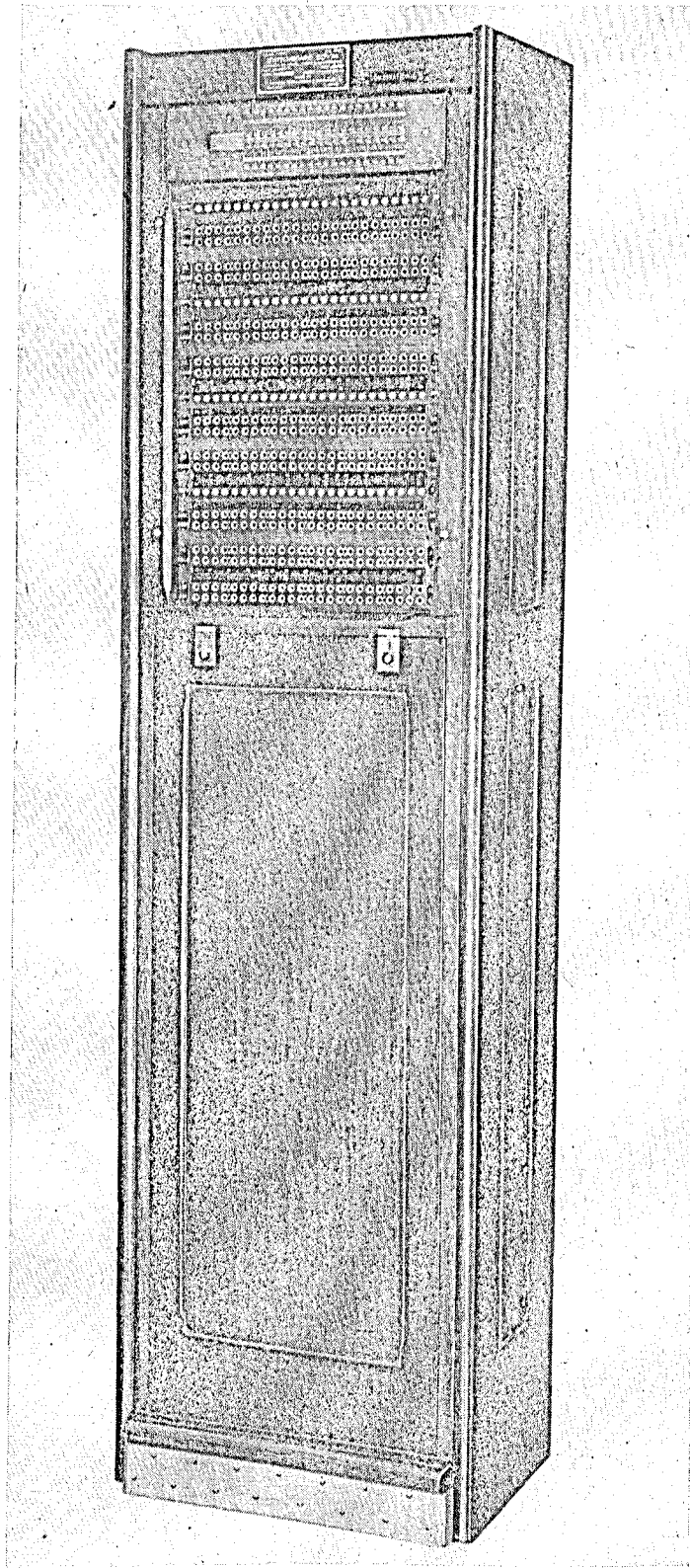
Mfr's Part No. & Mfr's Code No. (Ref SIG 10-2)	Reference (See below)	SIG C Stock No.	Nomenclature	Unit of Measure	Quantity per Equipment	Allowance		Initial Stock Guide	
						Station Stock	1-3 Equip Ref SIG 10-2	Regional or Field Stock	1-3 Equip Ref SIG 10-2
BD-74-K (K2)	Spec. 71-681-B U. S. Army Spec. 71-681-B	4C9974K	SWITCHBOARD BD-74-K, ckt combination K, equipped /48 CB ckt, 212 jack ckt, 1 fuse, alarm ckt, 8 ring-down ckt, 1 night alarm ckt, and 1 operator's jack and key ckt.						
	SC-D-659 Fig. 3		Fuse Alarm Circuit						
7-FW (W5)	F. A. CKT	4Z1107FW	BELL, 24-60 V DC, 682 ohm.....	ea.	1			1	3
9A (K2)	F. A. CKT	4C2009A	CAP, lamp, red.....	ea.	1				2
35K (W5)	F. A. CKT	3Z2135K	FUSE, 1 1/8 amp; 150 V, WECO 35K (stocked for a total of 12 in this eqpt).	ea.	1	60	60		6000
2-K (W5)	F. A. CKT	4C5430	LAMP, 0.080-0.120 amp.....	ea.	1	1		1	100
2100-S-HG (K2)	F. A. CKT	4C9974/R2	RELAY, 3.5 ohm (stocked for a total of 2 in this equip).	ea.	1			1	4
39 (K2)	F. A. CKT	4C4439	SOCKET, lamp, single (stocked for a total of 57 in this equip).	ea.	1				57

616968°-13103E/370

RESTRICTED

PROPERTY OF THE TECHNICAL LIBRARY  
 DO NOT REMOVE FROM BUILDING

Copy 1



SWITCHBOARD BD-74-K

Mfr's Part No. & Mfr's Code No. (Ref SIG 10-2)	Reference (See below)	SIG C Stock No.	Nomenclature	Unit of Measure	Quantity per Equipment	Initial Stock Guide			
						Allowance	Regional or Field Stock	Base Depot Stock	
						Station Stock	1-3 Equip Ref SIG 10-2	1-3 Equip Ref SIG 10-2	
<b>Heater Unit</b>									
7685	(A48)	Heater	6Z27809-15	RECEPTABLE, plug, 2 pole.....	ea.	1			2
7660	(A48)	Heater	6Z8355-14.	RECEPTACLE, rectangular, porcelain.....	ea.	2			4
EB	(W3)	Heater	3Z6025	RESISTOR, 60 W, 250 ohm.....	ea.	2	1	1	10
<b>Jack Circuit (for miscellaneous use)</b>									
363	(K2)	Miscl. Ckt	4C9995.2/J2	JACK, spring, single (stocked for a total of 356 in this equip).	ea.	212			356
<b>Night Alarm Circuit</b>									
4C	(W5)	N. A. CKT	4C1704C	BUZZER, 1200 ohm.....	ea.	1		1	3
35K	(W5)	N. A.	3Z2135K	FUSE, 1 1/2 amp, 150 V (same as ref "FA CKT" in Fuse Alarm Ckt).	ea.	1			
2100-S-HG	(K2)	N. A.	4C9974/R2	RELAY, 3.5 ohm (same as ref "FA CKT" in Fuse Alarm Ckt).	ea.	1			
<b>Operator's Jack &amp; Key Circuit</b>									
362	(K2)	Opr. Jack	4C4436.2	JACK, spring, single (stocked for a total of 59 in this equip).	ea.	3			59
ES-3041	(K2)	Opr. Ckt	4C5003.041	KEY, push button type.....	ea.	1		1	4
<b>Ring Down Circuit</b>									
154	(K2)	Ring Down Ckt	4C2154	CAP, lamp, white (stocked for a total of 36 in this equip).	ea.	8			72
D-164957	(W5)	Ring Down Ckt	3DB2.39A-1	CAPACITOR, paper, max 2.50 mf, min 2 mf, 200 vdcw.	ea.	8		1	32
35K	(W5)	Batt. Ckt	3Z2135K	FUSE, 1 1/2 amp, 150 V (same as ref "FA CKT" in Fuse Alarm Ckt).	ea.	2			
362	(K2)	Ring Down Ckt	4C4436.2	JACK, spring, single (same as ref "Opr Jack" in Operator's Jack & Key Ckt).	ea.	8			
366	(K2)	Ring Down Ckt	4C4436.6	JACK, spring, single.....	ea.	8			8
2T	(W5)	Line Sig	4C5492T	LAMP, 40 V, 0.034 - 0.046 amp (stocked for a total of 56 in this equip).	ea.	8	56	56	5600
J-54	(W5)	Ring Down Ckt	4C8790.54	RELAY, two windings, primary, DC, 420 ohm, secd AC, 3120 ohm.	ea.	8		1	32
39	(K2)	Lamp Sig	4C439	SOCKET, lamp, single (same as ref "FA CKT" in Fuse Alarm Ckt).	ea.	8			
<b>Transmitter Battery Supply Circuit</b>									
154	(K2)	Line Lamp	4C2154	CAP, lamp, white (same as ref "Ring Down Ckt" in Ring Down Ckt).	ea.	28			
154-A	(K2)	Line Lamp	4C2154A	CAP, lamp, red.....	ea.	14			28
154-B	(K2)	Line Lamp	4C2154B	CAP, lamp, green.....	ea.	14			28
D-166351	(K2)	Line Ckt	3C1395-2	COIL, repeating, 4 windings.....	ea.	48			48
35K	(W5)	Batt. Ckt	3Z2135K	FUSE, 1 1/2 amp, 150 V (same as ref "FA CKT" in Fuse Alarm Ckt).	ea.	8			

Mfr's Part No. & Mfr's Code No. (Ref SIG 10-2)	Reference (See below)	SIG C Stock No.	Nomenclature	Unit of Measure	Quantity per Equipment	Allowance		Initial Stock Guide	
						Station Stock	Regional or Field Stock	Base Depot Stock	Per 100 Equip
362	(K2)	Spec. 71-681-B Line Jack	4C4436.2	JACK, spring, single (same as ref "Opr Jack" in Operator's Jack & Key Ckt).	ea.	48	-----	-----	-----
363	(K2)	Line Jack	4C9995.2/J2	JACK, spring, single (same as ref "Misc Ckt" in Jack Ckt).	ea.	144	-----	-----	-----
2T	(W5)	SC-D-659-1, Fig 1	4C5492T	LAMP, 40 V, 0.034 - 0.046 amp (same as ref "Line Sig" in Ring Down Ckt).	ea.	48	-----	-----	-----
2100-S-HH	(K2)	Line Ckt	4C9974/R1	RELAY, two windings, primary 16.4 ohm, sec'd 22 ohm.	ea.	48	-----	-----	96
39	(K2)	Line Lamp	4C4439	SOCKET, lamp, single (same as ref "FA CKT" in Fuse Alarm Ckt).	ea.	48	-----	-----	-----

Expendability of individual items will be in accordance with the 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

WASHINGTON 25, D. C., 13 June 1945

Army Service Forces Signal Supply Catalog, SIG 10-715, Fixed Plant Maintenance List for Switchboard BD-74-K, has been prepared under the supervision of the Chief Signal Officer, and is published for the information and guidance of all concerned.

[SPX 461 (8 Jun 45)]

BY COMMAND OF GENERAL SOMERVELL:

## OFFICIAL:

J. A. ULIO  
Major General  
The Adjutant General

LeR. LUTES  
Major General, GSC  
Chief of staff

## DISTRIBUTION:

AAF (10); AGF (10); ASF (2); T of Opn (3); Dept (3); Def Comd (2); Base Comd (3); Arm & Sv Bd (1); S Div ASF (1); Tech Sv (2); SvC (3); MDW (3); PC&S (2); PE (2); Dep 11 (1); Gen & Sp Sv Sch (3); USMA (2); WDGS Lib (5); AAF Basic Tng C (2); AACS Reg (2); AACS W (2); AACS S (2); AAF Air Support Control S (2); Base Hq & AB S (2); Air Dep G (2); Air Reg (2); AACS Reg Wea Sta (2); Rep Shop 11 (SvC 1-3, 5-7, 9) (3); Rep Shop 11 (SvC 4, 8) (10); A (10); CHQ (10); T/O & E 1-412 (3); 1-500-1 (3); 1-627 (3); 1-637 (3); 1-638 (3); 1-687 (3); 1-852 (3); 1-857 (3); 1-858 (3); 4-61 (3); 11-107 (3); 11-127 (3); 11-237 (3); 11-387 (3); 11-587 (3); 11-592 (3); 11-597 (3).

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