Installation Instructions

ADO[®] Digital Special Effects System

Signal System Version 8 Software Kit

Catalog No. 1809762-02 Issued: November 1986



Prepared by

MSS Technical Publications Ampex Corporation 401 Broadway Redwood City, CA 94063-3199

© 1986 by Ampex Corporation All rights reserved Catalog No. 1809762-02 Issued: November 1986

•• •••• 🕹 Anstalled 6 Feb 87 Jul Catalog No. 1809762-02 Issued: November 1986 ADO **AMPEX DIGITAL OPTICS** SIGNAL SYSTEM VERSION 8 SOFTWARE KIT INSTALLATION INSTRUCTIONS AMPEX

Prepared by

AVSD Technical Publications Ampex Corporation 401 Broadway Redwood City, CA 94063

© 1986 by Ampex Corporation Catalog No. 1809762-02 Issued: November 1986

INSTALLATION INSTRUCTIONS ADO SIGNAL SYSTEM VERSION 8 SOFTWARE KIT

1 INTRODUCTION

These instructions are part of the ADO Version 8 Basic Size Software Kit, Ampex Part No. 1465790 and the ADO Version 8 Perspective with Rotation Software Kit, Ampex Part No. 1465792, and provide information necessary to install Version 8 software in the ADO signal system. Lists of Materials No. 1465790 and No. 1465792 are included for reference.

Note

The signal system must first be fitted with Version 8 hardware.

2 INSTALLATION

To install Version 8.1 signal system software, proceed as follows:

CAUTION

ALWAYS TURN OFF SYSTEM POWER BEFORE REMOVING OR REINSERTING PWAS.

- \checkmark STEP 1 Remove the High Level Controller PWA from the signal system chassis.
- **STEP 2** Remove existing software PROMs from locations 7A, 8A, 15A, and 16A.
- **STEP 3** Carefully install the new HLC software PROMs according to Table 1.
- **STEP 4** Reinstall the High Level Controller PWA.
- \sim STEP 5 Remove the Low Level Controller PWA from the chassis.
- STEP 6 Remove existing software PROMs from locations 10C/S, 10D/P, 10F/N, 10G/L, 11C/S, 11D/P, 11F/N, and 11G/L.
- STEP 7 Carefully install the new LLC software PROMs according to Table 1.
- **STEP 8** Reinstall the Low Level Controller PWA.
- \checkmark STEP 9 Cut the 8.1 version number label from the VERSION/OPTIONS label 1464354, and attach it to the SOFTWARE/OPTIONS label on the rear of the signal system chassis.

ADO VERSION 8

Table 1

Item	PROM/Location	Qty	Ampex P/N (Basic/Perspective)
1/1	PROM, 2532, LLC location 10C/S	2	1505660-AA/1505662-AA
V2	PROM, 2532, LLC location 10D/P	2	1505660-AB/1505662-AB
√3	PROM, 2532, LLC location 10F/N	2	1505660-AC/1505662-AC
1/4	PROM, 2532, LLC location 10G/L	2	1505660-AD/1505662-AD-
√5	PROM, 2532, LLC location 11C/S	2	1505660-AE/1505662-AE -
¥ 6	PROM, 2532, LLC location 11D/P	2	1505660-AF/1505662-AF 🧹
17	PROM, 2532, LLC location 11F/N	2	1505660-AG/1505662-AG ~
/8	PROM, 2532, LLC location 11G/L	2	1505660-AH/1505662-AH -
√ 9	PROM, 2532, HLC location 7A	1	(for Basic/Persp) 1472300-AA $^{\checkmark}$
~10	PROM, 2532, HLC location 8A	1	(for Basic/Persp) 1472300-AB [~]
41	PROM, 2532, HLC location 15A	1	(for Basic/Persp) 1472300-AC $^{\sim}$
્12	PROM, 2532, HLC location 16A	1	(for Basic/Persp) 1472300-AD

3 DIP Switch Settings on the High Level Controller PWA

 \sim STEP 1 Remove the High Level Controller PWA and set DIP switches according to Table 2.

DIP Switch/Section	Explanation/Function
S1/1	For future use.
S1/2	For future use.
S1/3	Rotation option installed ON No rotation option OFF
S1/4	Perspective option installed ON No perspective option OFF
S1/5	For future use.
S1/6	For future use.
S1/7	Digi-matte option installed ON No Digi-matte OFF
S1/8	Input video processor installed ON No input video processor OFF
S2/1	Motion detection present (ADO 2000/3000) ON No motion detection (ADO 1000) OFF
S2/2	For future use.

Table 2

Ampex 1809762-02



Table 2 (Continued)

DIP Switch/Section	Explanation/Function
S2/3	Version 5 key processors installed ON
	Pre-Version 5 key processors installed OFF
S2/4	No channel identification ON Channel identification present OFF
S2/5	No auto-release ON Auto-release present OFF
S2/6	525-line standard ON 625-line standard OFF
S2/7	Concentrator not installed ON Concentrator installed OFF
S2/8	No auto H-phase ON Auto H-phase OFF
	Note
For systems with aut when a concentra concentrator, auto H	o H-phase: auto H-phase must be disabled tor is used (S2/8 ON). Without a -phase can be on or off, as user desires.

 ν STEP 2 Reinstall the High Level Controller PWA.

Ampex 1809762-02

.

.

 \mathbf{O}



ITEM PART NUMBER		D		•	QTY		REQD PE		DASH	SH NUMBER			
NO.	PART NUMBER		DESCRIPTION	DESIG	-02								
1	1472300-44	PROM ASSY. HLC	589-902		,								
			589-902										
2	1472300-AB	PROM ASSY, HLC	589-902		1								
3	1472300-AC	PROM ASSY, HLC	2532 15A 589-902		1								
4	1472300-AD	PROM ASSY, HLC	2532 16A		1								
5													
6			589-902										
7	1505660-AA	PROM ASSY, LLC	, 2532 10C,S		2								
8	1505660-AB		10D,P		2								
9	1505660-AC		10F,N	- 11	2								
10	1505660-AD		10G,L		2								
11	1505660-AE		11C,S		2								
12	1505660-AF		11D,P		2								
13	1505660-AG		↓ 11F,N		2								
14	1505660-AH	PROM ASSY, LLC	589-902 , 2532 11G,L		2								
15													
16													
17	1472394	VERSION 8.1 SI	GNAL SYSTEM SOFTWARE INSTALL. INSTRUCTION	NS	REF								
18	1809762	VERSION 8 SIGN	AL SYSTEM SOFTWARE KIT INSTALL. INSTRUCT	IONS	1		•						
									,				

			·····										

LM 1465790. Version 8 Basic Size Software Kit

 \mathbf{A}



ITEM NO.					DEE	_	QTY REQU		PER	DASH	I NUMBER		R	
	PART NUMBER			DESCRIPTION	DESIG	-02								1
	1472300-AA	PROM ASSY, HLC	589-902 2532	7A		1								Ē
	1472300-AB	PROM ASSY, HLC	589-902 2532	8A		1								
	1472300-AC	PROM ASSY, HLC	589-902 2532	15 A		1								1
	1472300-AD	PROM ASSY. HLC	589-902 2532	16A		1								Ĩ
														[
5												-		ſ
	1505662-AA	PROM ASSY, LLC	589-902 2532	10C,S		2								ſ
	1505662-AB	\uparrow \uparrow	1	10D.P		2								ſ
,	1505662-AC			10F.N		2								ſ
0	1505662-AD			10G.L		2								ĺ
1	1505662-AE			11C,S		2								ĺ
2	1505662-AF			11D.P		2								ſ
3	1505662-AG			11F.N		2								ſ
4	1505662-AH	PROM ASSY. LLC	589-902 2532	11G.L		2								ſ
5	1909002													ſ
<u> </u>	1472394	VERSION 8 1 ST		SOFTWARE INSTALL INSTRUC	TIONS	RFF			1					ſ
7	1809762	VERSION 8 SIGN	AL SYSTEM S	OFTWARF KIT INSTALL INSTR	UCTIONS	1								ſ
<u> </u>						1								Γ
									1					Γ
														Γ
														ſ
														ſ
														ſ
									1					Γ
														Γ
			ni sociljevane okologe produceranje					1	1					ſ
									1					ſ
									1					ſ
									1					Γ
														ſ
								1				1		ſ
														ſ
														Γ
			••••••••••••••••••••••••••••••••••••••			1			1					ſ
											1	1		ſ
								1				1		T

LM 1465792. Version 8 Perspective with Rotation Software Kit

Ampex 1809762-02

a

0

C

e.



.





Printed in USA

Installation Instructions

ADO[®] Digital Special Effects System

Signal System Version 8 Software Kit

Catalog No. 1809762-02 Issued: November 1986



Prepared by

MSS Technical Publications Ampex Corporation 401 Broadway Redwood City, CA 94063-3199

© 1986 by Ampex Corporation All rights reserved Catalog No. 1809762-02 Issued: November 1986



INSTALLATION INSTRUCTIONS ADO SIGNAL SYSTEM VERSION 8 SOFTWARE KIT

1 INTRODUCTION

١ř

These instructions are part of the ADO Version 8 Basic Size Software Kit, Ampex Part No. 1465790 and the ADO Version 8 Perspective with Rotation Software Kit, Ampex Part No. 1465792, and provide information necessary to install Version 8 software in the ADO signal system. Lists of Materials No. 1465790 and No. 1465792 are included for reference.

Note

The signal system must first be fitted with Version 8 hardware.

2 INSTALLATION

To install Version 8.1 signal system software, proceed as follows:

CAUTION

ALWAYS TURN OFF SYSTEM POWER BEFORE REMOVING OR REINSERTING PWAS.

- STEP 1 Remove the High Level Controller PWA from the signal system chassis.
- STEP 2 Remove existing software PROMs from locations 7A, 8A, 15A, and 16A.
- STEP 3 Carefully install the new HLC software PROMs according to Table 1.
- STEP 4 Reinstall the High Level Controller PWA.
- STEP 5 Remove the Low Level Controller PWA from the chassis.
- STEP 6 Remove existing software PROMs from locations 10C/S, 10D/P, 10F/N, 10G/L, 11C/S, 11D/P, 11F/N, and 11G/L.
- STEP 7 Carefully install the new LLC software PROMs according to Table 1.
- STEP 8 Reinstall the Low Level Controller PWA.
- STEP 9 Cut the 8.1 version number label from the VERSION/OPTIONS label 1464354, and attach it to the SOFTWARE/OPTIONS label on the rear of the signal system chassis.



Table 1

Item	PROM/Location	Qty	Ampex P/N (Basic/Perspective)
1	PROM, 2532, LLC location 10C/S	2	1505660-AA/1505662-AA
2	PROM, 2532, LLC location 10D/P	2	1505660-AB/1505662-AB
3	PROM, 2532, LLC location 10F/N	2	1505660-AC/1505662-AC
4	PROM, 2532, LLC location 10G/L	2	`1505660-AD/1505662-AD
5	PROM, 2532, LLC location 11C/S	2	1505660-AE/1505662-AE
6	PROM, 2532, LLC location 11D/P	2	1505660-AF/1505662-AF
7	PROM, 2532, LLC location 11F/N	2	1505660-AG/1505662-AG
8	PROM, 2532, LLC location 11G/L	2	1505660-AH/1505662-AH
9	PROM, 2532, HLC location 7A	1	(for Basic/Persp) 1472300-AA
10	PROM, 2532, HLC location 8A	1	(for Basic/Persp) 1472300-AB
11	PROM, 2532, HLC location 15A	1	(for Basic/Persp) 1472300-AC
12	PROM, 2532, HLC location 16A	1	(for Basic/Persp) 1472300-AD

3 DIP Switch Settings on the High Level Controller PWA

STEP 1 Remove the High Level Controller PWA and set DIP switches according to Table 2.

DIP Switch/Section	Explanation/Function
\$1/1	For future use.
S1/2	For future use.
S1/3	Rotation option installed ON No rotation option OFF
S1/4	Perspective option installed ON No perspective option OFF
S1/5	For future use.
S1/6	For future use.
S1/7	Digi-matte option installed ON No Digi-matte OFF
S1/8	Input video processor installed ON No input video processor OFF
S2/1	Motion detection present (ADO 2000/3000) ON No motion detection (ADO 1000) OFF
S2/2	For future use.

Table 2

¥



Table 2 (Continued)

DIP Switch/Section	Explanation/Function
S2/3	Version 5 key processors installed ON
	Pre-Version 5 key processors installed OFF
S2/4	No channel identification ON Channel identification present OFF
S2/5	No auto-release ON Auto-release present OFF
S2/6	525-line standard ON 625-line standard OFF
S2/7	Concentrator not installed ON Concentrator installed OFF
S2/8	No auto H-phase ON Auto H-phase OFF
	Note
For systems with aut when a concentra concentrator, auto H	o H-phase: auto H-phase must be disabled tor is used (S2/8 ON). Without a -phase can be on or off, as user desires.

STEP 2 Reinstall the High Level Controller PWA.

Ampex 1809762-02



ITCM			DESCRIPTION DESIG			QTY	REQD	PER	DASH	NUM	BER	
NO.	PART NUMBER				-02							
	1472200 44	PROM ASSY HIG	589-902									
1	14/2300-AA	FROM ASSI, ALC	589-902 7A		1							
2	1472300-AB	PROM ASSY, HLC	2532 8A 589-902		1	 						
3	1472300-AC	PROM ASSY, HLC	2532 15A		1							
4	1472 300-A D	PROM ASSY, HLC	2532 16A		1	 			ļ			
5												
6												
7	1505660-AA	PROM ASSY, LLC	589-902 , 2532 10C.S		2							
Ŷ	1505660-48	<u>↑</u> ↑			2							
0	1505660 AC				2							
9	1505660-AC		IOF,N		2	 						
10	1505660-AD		10G,L		2	 						
11	1505660-AE		11C,S		2	 						
12	1505660-AF		11D,P		2	 						
13	1505660-AG	<u>↓</u> ↓	↓ 11F,N		2	 						
14	1505660-AH	PROM ASSY, LLC	, 2532 116,L		2	 						
15												
16												
17	1472394	VERSION 8.1 ST	GNAL SYSTEM SOFTWARE INSTALL. INSTRUCTION	s	REF							
10	1900762	VERSION 8 SICH	AL EVETEM COPTUADE VIT INCTALL INCTDUCTI	ONE	,	·						
10	1609/62	VERSION 6 SIGN	AL SISTEM SUFTWARE KIT INSTALL. INSTRUCT	UNS	-							
									1			
						 			†			
						 			<u> </u>			
			· · · · · · · · · · · · · · · · · · ·			 						

LM 1465790. Version 8 Basic Size Software Kit



ITEM PART NUMBER				B C C O D L D T L O N	RFF		QTY REQD PER DASH NUMBER								
NŌ.	PARI NUMBER	DESCRIPTION		DESIG	-02										
1	1472300 -AA	PROM ASSY, HLC	589-902 2532	78		1									
2	1472300 -AB	PROM ASSY, HLC	589-902	8A		1									
3	1472300 -A C	PROM ASSY. HLC	589-902 2532	15A		1									
4	1472300-AD	PROM ASSY. HLC	589-902 2532	164		1					1				F
5					•	1	1				1				
6															
7	1505662-44	PROM ASSY LLC	589-902	100 8		2									Γ
, o	1505662-AR		1	100,5		2									F
<u> </u>	1505662 AC			105.P		2									_
2	1505662-AC			10F,N		2									Γ
10	1505662-AD			100,1		2									
11	1505662-AE			110,5		2									Γ
12	1505662-AF			11D,P		12									F
13	1505662-AG	V	589-902	11F,N		2									\vdash
14	1505662-AH	PROM ASSY, LLC	2532	11G,L		2									\vdash
15										<u> </u>					\vdash
16	1472394	VERSION 8.1 SI	GNAL_SYSTEM	SOFTWARE INSTALL, INSTRU	CTIONS	REF				<u> </u>					┝
17	1809762	VERSION 8 SIGN	AL SYSTEM S	OFTWARE KIT INSTALL. INST	RUCTIONS	1									-
-															┝
						<u> </u>									-
															┝
															-
															-
															-
															-
															-
															-
											ļ				-
	·····										ļ				
		· .													Ĺ
															L
															Ĺ
															L
															Ĺ

LM 1465792. Version 8 Perspective with Rotation Software Kit

Ampex 1809762-02

.

ないのない、たちになったのないないないないないないないないであるとなったので、「ないない」

(

