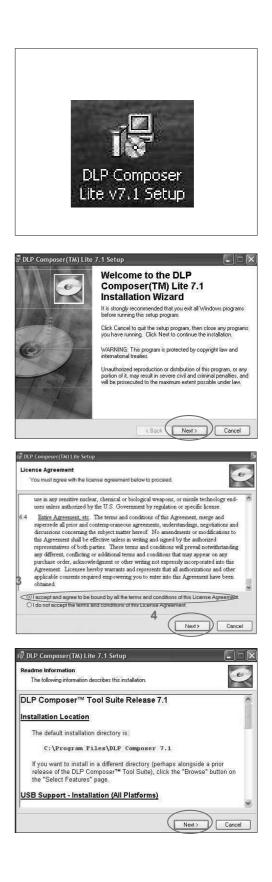
### 5-2 DLP Composer Lite Setup Procedure

- 1. Choose "DLP Composer Lite V7.1 Setup" Program.
- 2. Click "Next" button.
- 3. Read "License Agreement".
  - Choose "I accept and agree to be bound by all the terms and conditions of this License Agreement".
- 4. Click "Next".
- 5. Click "Next".

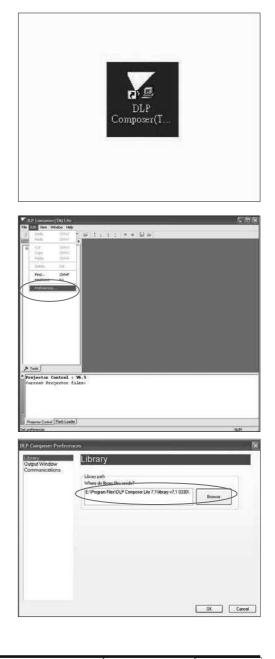


- 6. Click "Next".
- 7. Click "Next".
- 8. Writing system registry values.
- 9. Click "Finish".

🖗 DLP Composer(TM) Lite	7.1 Setup		
Select Features			
Please select which features	you would like to	) install.	L'
DLP Composer Lik	e Tool Suite	Feature Description: DLP Composer Lite Tool Suite	- the st
		This feature will be installed on the loc drive. This feature requires 4625KB on your drive.	
Current location: E:\Program Files\DLP Composer	Lite 7.1\	Bro	wse
Disk Cost (	Reset	< Back (Next>	Cancel
i@ DLP Composer(TM) Lite	7.1 Setup		×
Ready to Install the Applicati Click Next to begin installation			Q
Click the Back button to n the wizard.	eenter the installa	ation information or click Cancel to exit	
		< Back (Next>)	Cancel
긓 DLP Composer(TM) Lite	7.1 Setup		
Updating System The features you selected ar	e currently being	installed.	
Creating shortcuts		1	
Shortcut: DLPCOM	"IDLP Compose	nt[IM]Lite 7.1	
Time remaining: 1 s	econds		
-			
			Cancel
i문 DLP Composer(TM) Lite	7.1 Setup		_ ¤×
		mposer(TM) Lite 7.1   ccessfully installed.	
	Click the Finish	button to exit this installation.	
0		ase check the TI Extranet fo brary data files!	θĒ
Tap	before usin	ı must reboot your machine 1g any I2C-based tools that	use
1. Park	the paralle	l port.	

### 5-3 Firmware Upgrade Procedure

- 1. Set-up
  - Hold on "menu" and "input" buttons and plug in power cord.
  - Once the Power LED blink in Yellow & Red at the same time, plug in RS232 cable into the projector and link to the RS232 port of a PC.
    - Note: The system fan and the light will not operated.
- 2. Execute the "DLP Compose<sup>™</sup>" file.
- 3. Click "edit" and "perferences".
- 4. Click "Library."
  - Click the "browse" button and navigate to the directory where you put the library file in.



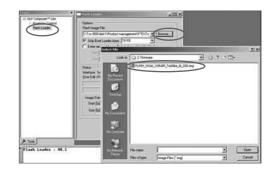
- 5. Select "Edit\preferences\Communications"
  - Choose "Serial Port".
  - Choose "COM2" then click "Configure"

Note: Choose the COM Port which you are using.

- Choose "Disable" in "RTS" and "CTS" item.
- Key in "4000" in "Read" and "Write" box
- Click "OK"
- Click "OK"
- 6. Choose "Flash Loader".
  - Click "Browse" to search the firmware file.
- Selete the item "skip Boot Loader Area" (select 32KB).
  - Click "Reset Bus" to erase the flash memory.

Communications	
Projector Intel Scot C D2C Example Parallel Port) C D2C Example Parallel Port) C Scot OP Parallel Port) C Scot OP Parallel Port C USB (DD P2000 CD P3020)	
Pert	
	Preinchol Instane  CLIC Luning Facade Flore( CLIC Luning Flore( CLIC Luni

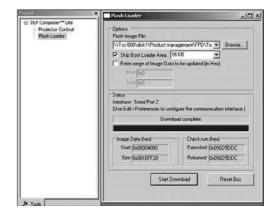
Baud Rate		RTS
C 300 C 4800		Disste / Handshake
C 600 C 9600	C 50000	C Enable C Toggle
C 1200 C 14400		CTS
C 2400 C 19200	@ 115200 C	Disable C Enable
Date Bits Stop		Timeosta fin nilliseconda)
C7 C8 C	C.2	Beat 4000
Paily		
© 0.dd @ None	0.004815	Debug T Enable Debug Logging
C Even	C Space	r chabe brond couping
		OK D Cancel



Underst	i	Flash Loader	
DLP Composer?Las     Projector Control     Flash Loader		Options Elash Image File:	
		Wise-000\Disk1\Product m	anagement/FPD/Ace + Browse_
		F Skip Boot Loader Area Enter range of Image Do Sciencision	
1		Endioau	
		- Status Inverface: Serial Port 1 (Use Edit>Preferences to cr	onlique the communication interface.)
		Ready to	download flash image.
		Image Data (hex)	Checksum (hex) Expected
		Size	Returned
		Start	Download Recet Bus
> Icols			

- 8. Click "start download" to process the firmware upgrade.
  - Click "Yes" to erase the flash memory.
- When firmware upgrade process is finished, the unit return to stand-by status.
  - Unplug RS232 cable and power cord and replug in power cable.
- 10. Restart the unit and enter the service mode to check the firmware version.
  (To enter service mode, please refer to Chapter 4 Function Test and Alignment Procedure.)





TDP-5	SP1				
Ver 1.0	0.3				
09:13-Apr (	01 2008				
Total Time	0H 7M				
Lamp Time	OH 7M				
Burn In test					
Spoke Test (Press	Enter)				
Test Pattern (Press Enter)					
Color Setting					
PC Calibration					
Video Calibration(4	801)				
Failure Log					
Factory Reset					
Splash Select	On				
RS232Power	Off				
Anti-dust filter	Off				
RS232Mode	RS232Cmd				
Lamp/Display Hours	Reset				
AntiDustTest	and the second second				
Exit	1768 ( ) ( )				

# EDID Upgrade (Factory only)

### **6-1 EDID Introduction**

Extended Display Identification Data is a VESA standard data format that contains basic information about a display device and its capabilities, including vendor information, maximum image size, color characteristics, factory pre-set timings, frequency range limits, and character strings for the monitor name and serial number.

The information is stored in the display and is used to communicate with the system through a Display Data Channel (DDC), which sites between the display device and the PC graphics adapter. The system uses this information for configuration purposes, so the monitor and system can work together.

Note: If a display device has digital input ports, like DVI or HDMI, but without EDID in its main board, the display device will show no image while the input source is digital signal.

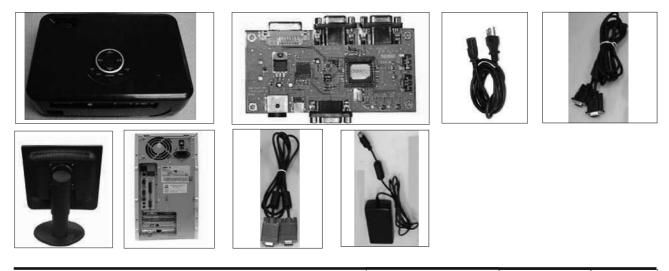
### **6-2 Equipment Needed**

#### Software

- EDID Program (Generic V0.51)
- EDID File (Toshiba\_TDP-SP1\_EDID\_V02.ini)

#### Hardware

- Projector
- Generic Fixture for EDID Key-in (Fixture: JP3 must be closed)
- Power cord for Projector
- RS-232 9 Pin Cable (pin to pin, F-M)
- Monitor
- PC
- VGA cable
- Power adapter and power cord for fixture
  - Note: The EDID upgrade procedure for TDP-SP1/XP1/XP2 is the same. Here,we take TDP-SP1 as an example.



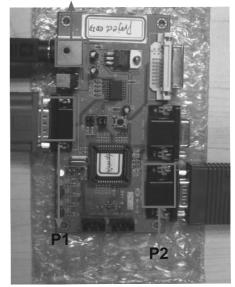
TDP-SP1/XP1/XP2 Confidential 6-2

### 6-3 Setup Procedure (VGA)

- 1. Connect all ports
  - Connect P1 of Fixture with COM Port of PC/Laptop by RS232 Cable.
  - (2) Connect P2 of Fixture with VGA port of Projector by VGA Cable.
  - (3) Plug Power Adapter to Power CNN.
  - (4) Plug Power Cord to TDP-SP1 unit.

Note: Confirm JP3 is "Close" status.

#### **Power CNN**





### 6-4 EDID Key-In Procedure

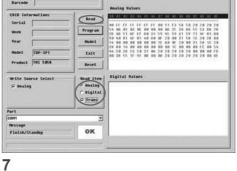
- 1. Execute EDID Program
  - Click on "EDID" to execute EDID program.
- 2. Process
  - (1) Check the COM port is "COM 1"(Select the COM port which you are using).
  - (2) Click the "Model" button.
  - (3) Choose the source file"Toshiba\_TDP-SP1\_ EDID-V02.ini"and then open it.
- 3. Process
  - (1) In "Write Source Select" item,select"Analog".
  - (2) Click "Program" button.
- 4. Process
  - (1) "Please change the cable to Analog"will be shown on the screen.
  - (2) Please press "Ok" button.

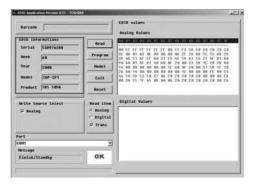
1	
捷征	E - EDID
2	
<ul> <li>EDD Application Version ILS: UNIVERSAL</li> </ul>	للا الله ED15 values
EDED Informations	Analog Values
Serial Usek (2) Vear Nodel Indorreal Prodect Brat	
Write Source Solect Read Item D Analog P Analog	Digital Values
(1)	$ \begin{array}{c} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 &$
fort dcont	100 FFF FFF FFF FF 40 40 40 40 40 40 40 20 20 20 20 3A FF 40 40 40 40 40 40 40 40 40 40 40 40 40
SCAN	RE 38 48 47 10 30 89 80 40 28 28 28 28 28 29 80 02
- FDID Apple alter Versnel II.11 - LINDOB SAR	Licix
Barcode	EDID values
EDED Informations Read	
Neek Lok H Destrop	
Million (2)	1/x1         0         0.1
Product Content of the second Parcel (3	BERTINGEREENER
Write Source Select	
P Bealeg Fienene (TD9484,10P P Bigital Fienense (N Fienense	
Part Com at ma	Tong 1 01 01 01 01 01 01 01 01 01 01 01 01 0
COH1 *	22 1A 21 22 23 34 28 28 28 28 28 28 28 88 88 88 78 78 88 M 46 45 76 45 72 73 61 6C 88 28 78 78 88 88 88 88 78 88 38 48 11 20 88 88 88 78 28 28 28 28 28 88 80 C3
SCAN	
3	
- EDBD Application Version 0.53 - T094884	(\$10 values
EDID Informations (2) Bread	Analog Values
Serial Read	RB 72 73 71 72 77 77 88 51 73 58 50 28 28 78 28 88 66 81 83 86 88 88 80 80 86 25 28 86 55 53 88 28
Year Model	$\begin{array}{c} 100\ 77\ 17\ 17\ 17\ 17\ 17\ 10\ 55\ 1,\ 25\ 52\ 12\ 22\ 22\ 22\ 22\ 22\ 22\ 22\ 22\ 2$
Hodel TOP-SP1 Exit	An 56 25 53 58 21 60 28 20 20 20 28 28 28 28 68 68 60 50 RR 38 55 17 55 68 81 81 60 28 28 28 28 28 28 28 28 28 28 28
Product 105 5050	Digital Values
Write Source Select Read Item C Analog C Digital	
(1) Trans	
Fort	
SCAN	×
4	
Contraction and the same state of the second s	(010 values
Earcode EBID Informations	Analog Balues
Serial	88 FF FF FF FF FF 00 51 F3 58 58 20 20 20 20 20 20 88 68 80 00 27 20 88 55 53 88 20
Vear Nodel	
Hodel TDP-SP1	144 CR 10 C1 C2 21 C2 20 20 20 20 20 20 20 20 20 20 20 20 20
– T	noise through the calls to Analog
D malog	
← Bigital F Trans	
Part Cons	
RUN	

TDP-SP1/XP1/XP2 Confidential 6-4

- 5. Finish
  - (1) "OK" will be shown on the screen.
- 6. Read EDID information
  - (1) In the Read item,select "Analog" and "Trans".
  - (2) Please press "Read" button.
- 7. Read EDID information
  - (1) EDID Informations will show the result.

Barcode		EDID values
Sector Contractor		Analog Values
EDID Informations Serial	Bead	122-21 NO 22 DV (D) AN 37 NO 10 NO 10 NO 10 NO 10
Week	Progran	AU (7 77 77 19 77 77 77 88 51 73 58 58 20 28 28 29 58 00 81 83 86 00 98 00 97 51 52 58 58 20 28 28 29 59 00 51 67 17 88 21 59 55 50 81 57 71 68 88 20
Year	ear 100del 100 40 80 40 80 80 80 80 10 10 10	98 48 81 40 81 40 81 88 88 87 28 88 21 58 10 28 29 88 14 49 88 88 88 88 89 11 68 87 20 86 31 58 10 28
Hodel TOP-SP1	fuit	2 28 08 15 08 08 08 08 08 08 08 10 10 10 28 08 08 70 88 55 54 58 28 53 58 31 00 28 28 28 28 28 88 88 88 99 70 48 38 55 17 65 08 08 88 28 28 20 28 28 78 28 68 68
Product 105 5858	Reset	
Write Source Select © Analog	Read item F Analog F Digital F Trans	Digital Values
urt		
CON1 Nessage	24	
Finish/Standby	OK	
1012 Apple attain Versian 6.51 - 10		





## **Spare Parts List**

### 7.1 Spare parts list

7.1	Spare parts list GREEN				
No	Loca-	Description	Part No		
	tion	Description	SP1	XP1	XP2
1	A001	FOOT ASSY, REAR, RIGHT		75012010	
2	A002	COVER, FRONT		75012011	
3	A003	COVER, LEFT		75012012	
4	A004	HOLDER, IR LENS		75012013	
5	A005	RING, FOCUS		75012014	
6	A006	RING, ZOOM		75012015	
7	A007	COVER, RIGHT		75012016	
8	A008	BUTTON, RETURN		75012017	
9	A009	FOOT ASSY, SPACER		23587276	
10	A010	RUBBER, FOOT, REAR		23587283	
11	A011	COVER ASSY, LAMP		75012029	
12	A012	FOOT ASSY, FRONT		75012030	
13	A013	COVER ASSY, BOTTOM		75012031	
14	A014	COVER ASSY, TOP	75012033	75012703	75013086
15	A015	COVER ASSY, I/O	75012035		
16	A016	CAP ASSY, LENS	75012037		
17	A017	BUTTON, KEYPAD	75012038		
18	E001	CABLE, FFC, 14P P=0.5MM, MAIN TO KEY BOARD	75012003		
19	E002	SWITCH ASSY, THERMAL		75012004	
20	E003	DMD, TYPE-X 800X600 PIXEL 0.55	75012006		
21	E003	DMD, 1024X768 PIXEL .55 XGA 2		75012696	
22	E003	DMD, 1024X768 PIXEL, 0.55", TYPE-X			75013083
23	E004	FAN ASSY, LAMP, 45X20 BLOWER		75012007	
24	E005	FAN, EXHAUST, KDE1207PKV1-A, 70X70X20MM	75012008		
25	E006	SPEAKER, 2W, 4 OHM, 30MM		75012009	
26	E007	THERMAL PAD, DMD		75012018	
27	E008	THERMAL PAD, UNDER HEAT SINK	75012019		
28	E009	HEAT SINK, TOP	75012022	75012697	75012697
29	E010	MASK, DMD		75012023	
30	E011	LIGHT PIPE, OPTICAL	75012024		
31	E012	COLOR WHEEL ASSY	75012025	7501	2698
32	E013	OPTICAL BLOCK, SUB FRAME	75012026	7501	2699
33	E014	OPTICAL BLOCK	75012027	75012700	75013084
34	E015	SWITCH ASSY, LAMP COVER	75012039		
35	P001	PC BOARD ASSY, POWER, MAIN	75012036		
36	P002	PC BOARD ASSY, POWER, LAMP	75012032	7501	2702
37	U001	PC BOARD ASSY, MAIN	75012028	75012701	75013085
38	U001	PC BOARD ASSY, MAIN, CHINA ONLY	75013149	75013150	75013151
39	U002	PC BOARD ASSY, KEYPAD		75012034	
40	U003	PC BOARD ASSY, DMD		75012040	
41	U004	PC BOARD ASSY, COLOR WHEEL		75012041	
42	U005	PC BOARD ASSY, IR SENSOR		75012042	
43	Y001	LABEL, SPECIFICATION, FOR USA		75012690	75013082
44	Y001	LABEL, SPECIFICATION, FOR CHINA		75012691	75012691
45	Y001	LABEL, SPECIFICATION, FOR EUROPE	75011999		75011999

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No	Loca-	Description	Part No		
	tion	Description	SP1 XP1 XP2		
46	Y002	OWNER'S MANUAL, CD-ROM	75012000 75012692		
47	Y003	OWNER'S MANUAL, 4 LANGUAGE	75012001 75012693		
48	Y004	OWNER'S MANUAL, CHINESE	75012002 75012694		
49	Y005	CORD, POWER, EU	23587319		
50	Y006	CORD, POWER, UK	23587320		
51	Y007	CORD, POWER, CHINA	23587322		
52	Y008	REMOTE HAND UNIT	75012005		
53	Y009	CASE, SOFT	75012020		
54	Y010	CARTON BOX	75012021		
55	Y011	CORD, POWER, US, 3M SP-305/IS-14		75012695	
56	Y012	CABLE, RS232C, 2M 9P FEMALE TO 9P FEMALE	75013148		