D C I Digital Cinema Initiatives, LLC

Note Regarding Direct-View Screens

As of December 02, 2023, CTP 1.4 will be in effect. CTP 1.4 contains image testing designed specifically for Direct View screen systems which previous compliance test plans lacked.

Existing Direct View devices listed on the <u>DCImovies.com Compliant Equipment page</u> were tested prior to the development of CTP 1.4. It should be noted that they have been tested under the legacy Projector-based CTP which did not contemplate the specifics of Direct View technology. As such, these devices are largely untested with respect to image performance.

Manufacturers of such Direct View displays are encouraged to retest under CTP 1.4 (or later) to ensure their performance meets the requirements of the latest DCI Direct View Addendum.

DCI encourages consultation with additional industry experts to ensure a thorough understanding of the issues and limits with direct-view systems, including but not limited to sound reproduction.



CYBER SECURITY LABORATORIES

AEGISOLVE, INC.

415 Fairchild Dr.
Mountain View, California 94043 USA
Tel: 650.386.1436 Fax: 650.386.1495

Notice pursuant to Section 2.3.2 of the RESTATED AND AMENDED TESTING AUTHORIZATION AND TEST SUITE LICENSING AGREEMENT made as of January 1, 2017 by and between Digital Cinema Initiatives, LLC (DCI) and AEGISOLVE, INC.

To: Chairman, DCI Member Representatives Committee Chairman, DCI Technical Committee

Reporting date	09/08/2022
Name of Testing Organization	AEGISOLVE, INC.
Address of Testing Organization	415 Fairchild Dr.
	Mountain View, California 94043 USA
Name of Test Operator	Travis Spann
Name of Test Subject Representative	LG Electronics INC.
Address of Test Subject Representative	LG Twin Towers, 128 Yeoui-daero,
	Yeongdeungpo-gu, Seoul, 07336, Korea
Make and model of Test Subject	
Manufacturer	LG Electronics INC.
Make	Digital Cinema Direct View Display with
	Media Block
Model	LDAA025-2K with IMS3000 (CID1002)
Version	(detailed version information below)
Certificated Devices	
Manufacturer	LG Electronics INC.
Make	D-Cinema Direct View Display
Model	LDAA025-2K
Serial Number	000000007
Version	(detailed version information below)
Manufacturer	Dolby Laboratories, Inc.
Make	Image Media Block
Model	IMS3000 (CID1002)
Serial Number	346008
Version	(detailed version information below)

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Certificated Devices (Continued)	
Manufacturer Make Model Serial Number Version	Dolby Laboratories, Inc. SMS CID1002 346008 (detailed version information below)
Test procedure performed	Chapter 15: Projector w/IMB (Proj + IMB + SMS)
	Excluded Feature: Projector Overlay
Test status	No Failures Detected
IMB or IMBO is MMB capable	N/A
SMS is MMB capable	N/A

This notice shall not be used to claim product certification, approval, validation, or endorsement by AEGISOLVE, INC. or any agency of the Federal Government. This document may only be reproduced in its entirety without revision. The results only relate to the item(s) tested.

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	System #1
IMS3000 (CID1002)	
Hardware Revision	IMS3C
Firmware/Software revisions and	
Details	
Product name	IMS3000
Serial number	346008
Firmware version	3.3.43-0
Normal firmware	3.3.43-0 (active)
Alternate firmware	3.3.43-0
Software version	3.3.43-0
Watermark video	Dolby 0.3
Watermark audio	Dolby 4.3.2
Audio Engine	Dolby 1.3.15
SM version	3.3.43-0
Board Type	regular
Bundle version	3.3.43
Storage	Integrated (3 drives RAID5) DRM_IMS_HDD-1
D-Cinema Direct View Display Hardware Identification	
Model	LDAA025-2K
Serial Number	001
LG Cinema Controller	
Hardware Identification	DAY(0704400
Model	EAX69781103
PCB Silkscreen	(1.0) 2022.03.16 J.D.S 310X245 (216) (1.6T)
Serial Number	000000007
	22LEBR0300109
White Sticker	98278002
white Sticker	000000007
	98273209
LG Cinema Controller	
Firmware/Software Identification	
webOS version	04.62.91
FPGA version	05.08.20

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Chapter 15 DCI Notice for LDAA025-2K with IMS3000 $_{\mbox{(LGE}_22.09.08_V1.0)}$

Secure Silicon version	1.5.1
LG Cinema LED Receiving Card	
Hardware and	
Firmware/Software Identification	400000000000000000000000000000000000000
Model	190CE0MTALLR30
PCB Silkscreen	20211008
MCU version	0.4.0.24
FPGA version	0.0.0.21
LED Module	
Hardware Identification	
Model	190CE0DUT25R10
PCB Silkscreen	20210327
Number of LED Modules per Cabinet	6
Number of Cabinets	48
LED Module Connection Board	
Model	190CE0TLPP0R50
PCB Silkscreen	2021_09_15
LED Power Supply Unit	
Hardware Identification	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Model	MCP200WS-5.5E-C
PCB Silkscreen	PCB:MCP200WS-4.5-C-M1
	REV:1.2 2018.04.25
LED Power Supply Bridge	
Hardware Identification	
Model	LC0200LY
PCB Silkscreen	PCB REV 1.0 [20/03/09]
	P/N:C0V36117401

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Chapter 15 DCI Notice for LDAA025-2K with IMS3000 $_{\mbox{(LGE}_22.09.08_V1.0)}$

Direct View Display	
Hardware Identification	
Model	LDAA025-2K
Master Cabinet	LDAA025-MD1
Slave Cabinet	LDAA025-SD1
Resolution	2048 x 1080
Number of cabinets	48
Number of LED Module per Cabinet	6
LED pixel pitch (mm)	2.5
Screen dimension	5.12 x 2.70
(horizontal x vertical in meters)	5.12 X 2.70
Screen dimension	16.80 x 8.86
(horizontal x vertical in feet)	10.00 X 0.00

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