

User's Manual

LED LumiVision

A Designer's X-ray film illuminator

By LED Technology

LED LumiVision series



Point A

Technologies, Inc.

Walnut, CA U.S.A.

**FCC RF
INTERFERENCE STATEMENT**

NOTE:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This equipment generates, uses and can radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to other devices in the vicinity.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to other devices, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: - Reorient or relocated the receiving device. – Increase the separation between the equipment. – Connect the equipment into an outlet on a circuit different from that to which the other device(s) are connected. – Consult the manufacturer or field service technician for help.”

Contents

1. Introduction.....	1
2. Warning & Caution	2
3. Products Description	3
4. Installation	4-5
5. Operation	6
6. Maintenance	6
7. Specifications	7
8. After- Service	8

LED LumiVision

1

Introduction

This product is a view-box for X-ray film used in the hospital.

Please read this manual carefully before using the LED LumiVision and keep it in a suitable place. This manual contains all appropriate information concerning the use, function, performance and maintenance of the view-box.

Classification	The degree of danger and injury
WARNING	There is a danger of personal injury to the user or the patient.
CAUTION	There is a danger of damage to the view-box or to other equipment.

Classification:

- Protection against electric shock : Class 1
- Applied Parts : No Applied Parts
- Protection against harmful ingress of water : ordinary IPX0
- Mode of operation : Continuous

LED LumiVision



Warning & Caution

Please take the following precautions to prevent your property from being damaged, and to protect you and other users from harm. The improper use may cause the following damages and?

Warnings

- Do not attempt to service, modify or dismantle this product.
Recommended service should be done at the prescribed intervals by Point A Tech's Service engineer, Agent or a trained Technician.
- Remove the adapter from the power source if the product overheats because this may cause a fire.

Cautions

- Do not install the product in any damp area such as bathroom.
(Users may receive an electrical shock or the unit may overheat.)
- Do not use the product outdoors or on a vibrating surface.
(Users may receive an electrical shock or the unit may overheat.)
- Please do not leave the output near fire or flame. In addition, please do not hit nor shake the set. (It may cause any fire.)

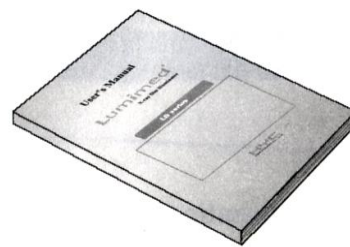
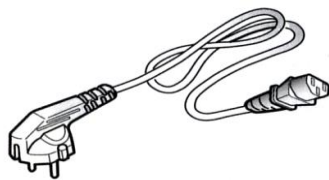
2 Products Description

1) LED LumiVision



2) Accessories

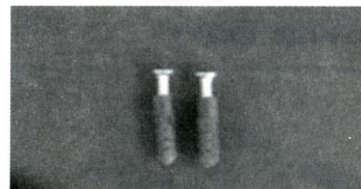
① Power Cord and Manual



① Plastic Anchor and Bolt



FD plastic anchor

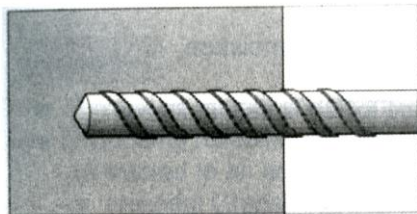


Bolt

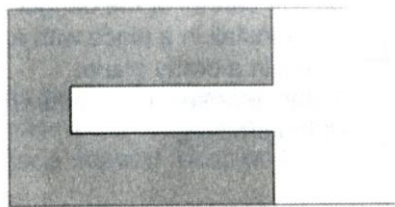
Installation

1) Procedures

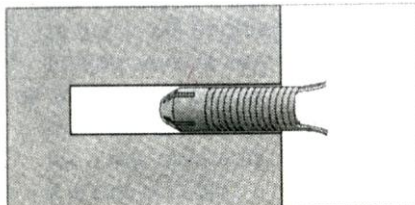
- ① Hang the product on a concrete wall or a wooden wall.
- ② In case the frame material of the wall is strong concrete, Light-weight concrete, strong natural stone, tender natural stone, processed brick, inside-empty block and wood, a bolt and a nail can be used.
- ③ In case the thickness of the finished material is less than 10mm , a bolt and a nail can be used.
- ④ After making a hole on the wall by a hammer drill and to attach FD plastic anchor to the hole, fasten tapping nuts(ST4.0 *30L) by a driver so that they can be projected 1cm out of the surface. Or after fastening them by a concrete nail (ST3.5*40L) on the surface of the wall, install the product.



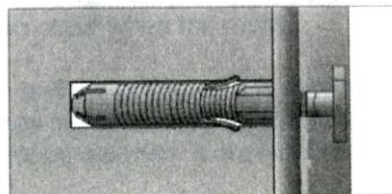
1)



2)



3)



4)

2) Notice

- ① In case of using a wooden wall, install the product after fastening tapping nuts at a point where the thickness of the wood of the wall surface is more than 30mm.
- ② In case of using concrete nails, put them fully and fasten them tightly.
- ③ Install the product on a flat surface.
- ④ Don't install the product in a place that is exposed to the sun or in a place near hot articles such as furnace and so on. (Be careful of the danger of fire)
- ⑤ Don't install in a place with a lot of water or moisture.
- ⑥ Install in a drafty place.
- ⑦ Install after securing enough space for the safe installation of the product.

5 Operation

- ① Please installation the set according to installation.
- ② Please put the power cord into AC inlet in left side.
- ③ Please turn right the Micro switch in right below side for lightening.

Notice

- The power supply cord is the mains disconnect means.
- Grounding reliability can only be achieved when the equipment is connected to an equivalent receptacle marked “Hospital Only” or “Hospital Grade”.
- Disconnect the plug from the power cord if the product is not in use for a long period of time. (e.g. over one week).
- The unit will preheat in about 1 minute once the product is switched on. Initially, the light might not be that bright but after about a minute or two it will brighten. This may also occur when the room temperature is very low.
- In case the product is switched on and the power cord is separated from the Vista. The screen may still be somewhat illuminated for a few moments. However, do not be alarmed. It does not mean it is out of order.

6 Maintenance

How to check if the product is out of order.

The product fails to illuminate, try the following:	
Causes	Treatment
When power cord is not plugged:	▶ Please plug in AC100V-240V
When the switch is off:	▶ Turn on the power switch
There measures do not work or the fuse is non-replaceable. Please contact our distributor or service center.	

LED LumiVision

7

Specification

LED LumiVision LE-11A/ADF, LE-12A/ADF, LE-13A/ADF LE-14A/14ADF

Model Name		LE-11A's	LE-12A's	LE-13A's	LE-14A's
Film Capacity		1-Bank	2-Bank	3-Bank	4-Bank
Dimensions (unit : mm)	Frame	540 x 493 x 39	895 x 493 x 39	1251 x 493 x 39	1606 x 493 x 39
	Film Capacity	14"x17"	14"x17" * 2 pcs	14"x17" * 3 pcs	14"x17" * 4 pcs
	View Area	362 x 422	711 x 422	1067 x 422	1422 x 422
Average Brightness		Approx. 5,500 Cd/m ² ±10%			
Average Uniformity		Over 93%			
Light Source		L.E.D. (Light-Emitting Diode)			
Color Temperature		9,000K			
Lamp Life Time		Approx. 100,000 Hours			
Power Supply		Built-In (Switching Mode Power Supply-S.M.P.S.)			
Use Place		Indoor			
Operating Temperature		10°C~40°C			
Storage Temperature		-15°C~60°C			
Film Clip		Rolling Bar			
Optional Functions		Dimming Control and F.A.C. (Auto Film Activation Control)			
Mounting Type		Wall Mount / Desk Top / V.E.S.A. Arm / 2 Tiers			
Safety Agency		CE			
Input Power		80 Vac (50Hz) - 260 Vac (60Hz), Free Voltage			
Power Consumption		Max. 30W	Max. 60W	Max. 90W	Max. 120W
Weight (Approx.)	Net	6.5Lbs / 4.0Kg	12.3Lbs / 6.6Kg	16.5Lbs / 9.5Kg	23.3Lbs / 12.6Kg
	Gross	8.5Lbs / 4.9Kg	19.8Lbs / 10.0Kg	20.5Lbs / 13.3Kg	33.0Lbs / 17.0Kg

* The specifications can change without prior notice due to performance improvement

※ LE-11ADF/12ADF/13ADF/14ADFseries are Dimming Function and Film Activation Control Switch Model

※ Patent is pending

LED LumiVision



After - Service

- The manufacturer's warranty for LED Lumivision is one year from the date of shipment to an authorized dealer, or date of purchase whichever is earlier. This warranty pertains to any manufacturing defects. Free A/S is available during the warranty period.

However, in case of damages by user's mistake and fault, warranty is void.
- Should any parts or service be required after termination of warranty, the cost will be charged to the customer. Contact a technician of an authorized dealer in your area for information.

Tech. Support Line : 866-3POINTA (866-376-4682)

Manufacturer

- **Point A Technologies, Inc.**
- **Address : 20957 Currier Road, Unit C,**

Walnut, CA 91789 U.S.A.

Tel : 909-869-8949

Fax : 909-969-8959

Tech Support Line : 866-3POINTA(376-4682)

E-mail : info@pointatech.com

Web-Site : www.pointatech.com