



MODEL: PCD4150  
LCD COLOR MONITOR  
WITH DEDICATED CAMERA MODULE



## OPERATING INSTRUCTIONS

Please read this manual thoroughly before operating the unit and keep it for future reference.

Note: Numbers used in text in refer to IDENTIFICATION OF PARTS Diagram on Page 6

**PRECAUTIONS:**



This symbol on the product, in the instructions or on the packaging means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

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 relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- consult the dealer or an experienced radio/TV technician for help.

**Caution:** changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- AVOID DROPPING OR STRIKING THE MONITOR.
- DO NOT COVER THE VENTILATION OUTLETS (6).
- BATTERY OF THE TRUVIEW PCD™ MODEL PCD 4150 MONITOR IS NOT USER-REPLACEABLE.
- TRUVIEW PCD™ MODEL PCD 4150 COMPONENTS ARE NOT USER-SERVICEABLE.
- ALL SERVICE AND REPAIR MUST BE PERFORMED BY TRUPHATEK AUTHORIZED SERVICE TECHNICIANS.
- ANY ATTEMPT TO DISASSEMBLE A TRUVIEW PCD™ MONITOR MAY VOID THE WARRANTY.
- FOR SERVICING, CONTACT TRUPHATEK CUSTOMER SERVICE OR LOCAL TRUPHATEK REPRESENTATIVE.

**GENERAL SPECIFICATIONS:**

**MONITOR**

Type TFT LCD  
Digital Screen size 5"  
Resolution 640\*480  
Dot Pitch 0.059(h)\*0.1587(w)  
Brightness 200cd/m<sup>2</sup>  
Color Depth 24Bit

**CAMERA**

Sensor: 1/3" CCD type  
TV system PAL  
Resolution 420TV lines  
Focus: Manually Adjusted.

**POWER SOURCE:**

Built-in Li-Ion 14.8V rechargeable battery

**OUTPUT:**

Analog Composite AV PAL  
Digital USB-2

**CONNECTION PORTS:**

Total line length of USB port and AV port are less than 3 meters.

**STORAGE OF MONITOR:**

Store between 0°C-35°C.  
Following one month or more of storage, recharge monitor while POWER button is in OFF position.

**NOTES:**

1. *DO NOT CHARGE BATTERY WHILE MONITOR IS IN USE.*
2. *USE ONLY FCC / CE APPROVED CHARGER*
3. *NUMBERS USED IN TEXT IN REFER TO IDENTIFICATION OF PARTS DIAGRAM ON PAGE 6*

***BEFORE FIRST USE AND AFTER STORAGE OF THE MONITOR FOR A PERIOD OF ONE MONTH OR MORE:***

1. FULLY CHARGE THE MONITOR WITH POWER BUTTON (2) IN OFF POSITION PRIOR TO FIRST USE. FULL CHARGING OF AN EMPTY BATTERY CAN TAKE APPROXIMATELY 2 TO 2.5 HOURS. FULLY CHARGED BATTERY WILL PROVIDE 3 HOURS OF CONTINUOUS USE BEFORE REQUIRING RECHARGING.
2. INSERT FEMALE END OF THE POWER SUPPLY CORD INTO POWER PORT (1) ON BACK OF THE SCREEN
3. PLUG THE MALE END OF THE POWER SUPPLY CORD INTO AN A/C POWER SOURCE
4. RED 'BATTERY LED' (15) WILL LIGHT UP DURING CHARGING STAGE
5. GREEN 'BATTERY LED' (13) WILL LIGHT UP WHEN CHARGING IS COMPLETED AND BATTERY IS FULLY CHARGED.
6. BLINKING YELLOW 'BATTERY LED' (14) INDICATES A FAULTY BATTERY. CONTACT TRUPHATEK INTERNATIONAL CUSTOMER SERVICE CENTER OR LOCAL REPRESENTATIVE FOR DETAILS OF NEAREST SERVICE CENTER.
7. DISCONNECT POWER SUPPLY PLUG FROM A/C POWER SOURCE AND FROM POWER PORT. STORE IN SAFE, DRY PLACE.
8. UNIT IS NOW FULLY FUNCTIONAL ON BATTERY POWER.

***BEFORE EVERY USE:***

1. PRESS POWER BUTTON (2) TO 'ON' POSITION.
2. CHECK BATTERY STATUS:
  - a. IF GREEN 'BATTERY LED' (13) LIGHTS UP, MONITOR IS READY FOR USE

- b. IF YELLOW 'BATTERY LED' (14) LIGHTS UP, RECHARGE BATTERY PRIOR TO USE ACCORDING TO STEPS 2 TO 7 ABOVE. MONITOR CAN BE USED FOR UP TO 20 MINUTES FROM THE TIME YELLOW LED LIGHTS UP.
  - c. BLINKING YELLOW 'BATTERY LED' (14) INDICATES A FAULTY BATTERY. REFER TO YOUR TRUPHATEK INTERNATIONAL CUSTOMER SERVICE CENTER OR LOCAL REPRESENTATIVE FOR DETAILS OF NEAREST SERVICE CENTER.
3. SCREEN BRIGHTNESS CAN BE ADJUSTED USING BRIGHTNESS BUTTONS (9, 10).
4. BETWEEN USES ON THE SAME DAY PRESS STANDBY BUTTON (8) TO PRESERVE POWER AND TO MAINTAIN SCREEN IN STANDBY POSITION. 'STANDBY LED' (7) WILL LIGHT UP WHILE SCREEN IS IN STANDBY POSITION.
5. **IMPORTANT**: AT THE END OF EACH DAY RETURN POWER BUTTON TO 'OFF' POSITION.

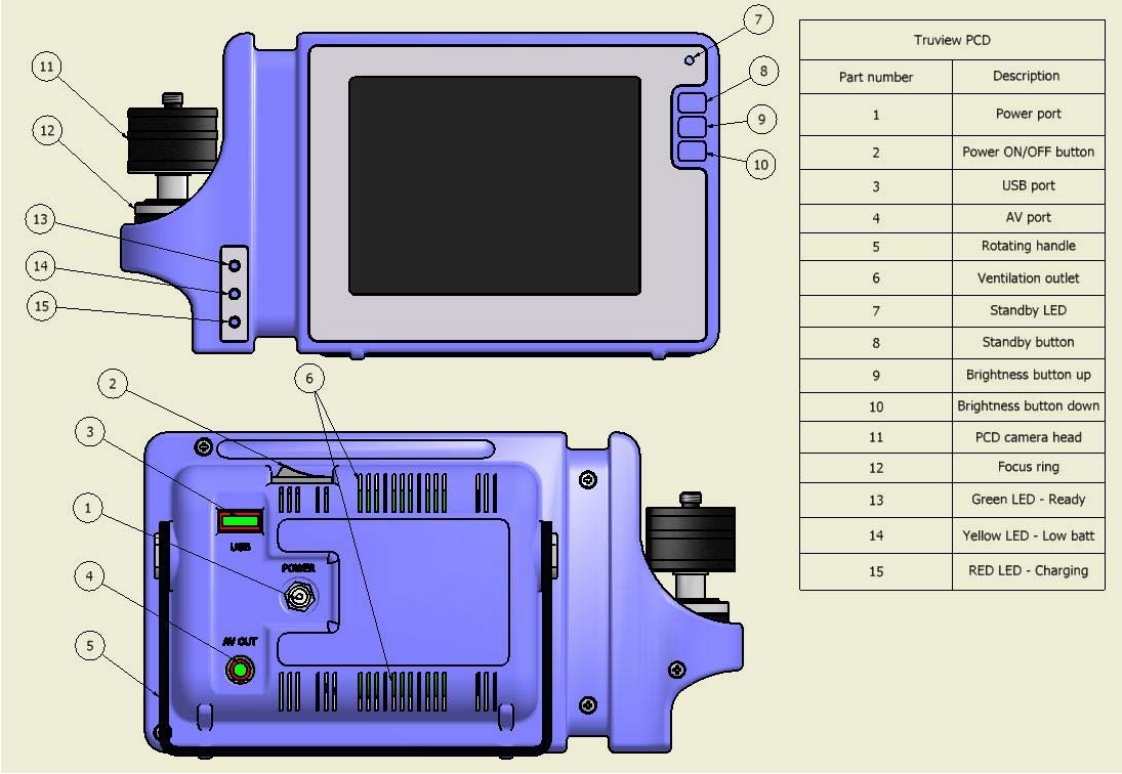
***DURING USE:***

- MONITOR WILL AUTOMATICALLY TURN OFF AFTER 30 MINUTES OF NON-USE.
- WHEN YELLOW LED LIGHTS UP THERE ARE 20 MINUTES OF BATTERY CHARGE LEFT IN WHICH TO COMPLETE THE PROCEDURE.

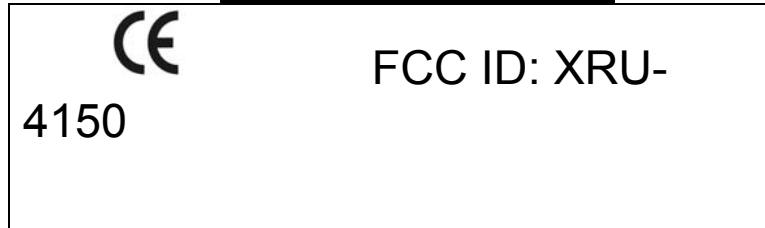
***AFTER USE:***

- CLEANING INSTRUCTIONS: USE SOFT CLOTH TO WIPE AWAY DUST ON COVER

IDENTIFICATION OF PARTS



# **STANDARDS AND APPROVALS**



# **CONTACT INFORMATION**

<p><b>CORPORATE HEADQUARTERS AND MANUFACTURER:</b> TRUPHATEK INTERNATIONAL LTD. P.O.BOX 8051 NETANYA, ISRAEL 42504 Phone: +972-9-8851155 Fax: +972-9-8851212 Customer Service Desk: <a href="mailto:helpdesk@truphatek.com">helpdesk@truphatek.com</a> <a href="http://www.truphatek.com">www.truphatek.com</a></p>	<p><b>U.S.A.</b> TRUPHATEK INC. 100E BROADWAY P.O.BOX 233 ASHLAND, MO. 65010 USA TEL: +1 573 240 0002</p>				
<p><table border="1" data-bbox="438 1097 582 1160"> <tr> <td>E</td><td>REP</td></tr> <tr> <td>C</td><td></td></tr> </table> <b>AUTHORIZED REPRESENTATIVE, EUROPE</b> MEDES LIMITED 5 BEAUMONT GATE, SHENLEY HILL, RADLETT, HERTS WD7 7AR U.K.</p>	E	REP	C		<p><b>CHINA</b> TRUPHATEK (BEIJING) TRADING COMPANY LTD. FORTUNE STREET 1-4-503, NO.69 CHAOYANG ROAD, CHAOYANG DISTRICT BEIJING 100123 CHINA TEL: +86 10 85758552</p>
E	REP				
C					
<p><b>GERMANY</b> CRITIMED MEDICAL MAX-SLEVOGT-STRASSE 10 D-55543 BAD KREUZNACH GERMANY TEL: +49 (671) 76550 +49 (172) 8920146</p>	<p><b>INDIA</b> TRUPHATEK PRODUCT RESOURCES PVT LTD 219, SECOND FLOOR, KUBER COMPLEX, NEW LINK ROAD ANDHERI (W), MUMBAI 400053 INDIA TEL: +91 22 26730503</p>				

©2010 TRUPHATEK®

All rights reserved

PCD-02-03/10-REV 0

41500004