

DARAY[®]

Medical



DX4100 LED Series

X-Ray Film Viewer

Manual

QAM.DX4100LED.0915.3

DARAY[®]

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Tel: 0800 878 9864 Fax: 0333 321 0973
support@daray.co.uk www.daray.com

1. GENERAL DESCRIPTION

Daray's DX4100 family of X-ray film viewers uses LED technology to produce uniform illumination with extended life and efficient power consumption.

2. SPECIFICATION

Supply voltage	90-240 V AC, 50 Hz
Power consumption	DX4101: 23W DX4102: 46W DX4103: 69W DX4104: 92W
Lamp type	LED
Lamp life (typical)	60,000 hours
Dimensions	DX4101: Overall: 500 x 530mm Screen: 355 x 428mm DX4102: Overall: 850 x 530mm Screen: 710 x 428mm DX4103: Overall: 1200 x 530mm Screen: 1065 x 428mm DX4104: Overall: 1530 x 530mm Screen: 1420 x 428mm
Net weight	DX4101: 5.5 kg DX4102: 10 kg DX4103: 13.5 kg DX4104: 17 kg

3. MOUNTING

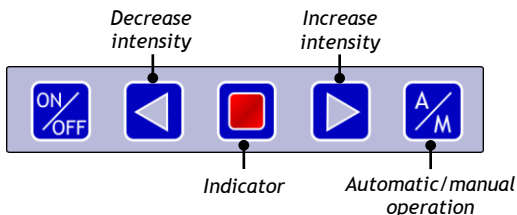
The viewer is hung onto the wall using screws which fit into the 'keyhole' slots in the rear of the viewer.

Select a mounting position for the viewer within reach of a mains socket. Secure suitable screws into the wall, horizontally and at the spacing of the slots in the viewer. Hang the viewer onto the screws.

4. OPERATION

Connect the mains lead from a standard 13A socket to the IEC socket on the right hand side of the viewer. Switch on the rocker switch on the bottom right-hand side of the viewer.

Switch the viewer off when it is not in use, and unplug the mains plug, if the viewer is not to be used for an extended period.



With the viewer's rocker switch on, press the ON/OFF button to illuminate the panel. The indicator flashes.

Use the decrease or increase intensity buttons to alter the panel illumination. Whilst these buttons are pressed, the illuminator flashes. The illuminator stops flashing to indicate the limit of intensity adjustment.

Press the A/M button to set automatic or manual operation. In automatic operation the indicator illuminates and in manual operation the indicator is off.

Whilst in automatic mode, insert an X-ray film into the film holder at the top of the panel and the panel will illuminate. Remove the film and the panel goes off.

If the panel does not illuminate when the film is inserted, firstly remove the film, check that the viewer is in automatic operation mode and then try inserting the film again.

Note: automatic operation only works correctly when the viewer is upright - it does not work with the viewer placed flat (e.g. on a desk or workbench).

Press the ON/OFF button to turn the panel off.

5. MAINTENANCE

The viewer should be dusted with a soft flannel cloth, and the screen gently cleaned with an alcohol-based liquid, and wiped dry.

NO ABRASIVE CLEANING MATERIALS OR ORGANIC SOLVENTS SUCH AS THINNERS OR ETHYLENE SHOULD BE USED TO CLEAN ANY PART OF THE VIEWER.

PLEASE REFER ANY PROBLEMS INITIALLY TO YOUR DISTRIBUTOR.
DARAY CUSTOMER SERVICES ON **0800 878 9864** ARE AVAILABLE TO ASSIST WITH ANY PROBLEMS THE DISTRIBUTOR CANNOT SOLVE.

Returns Policy

IMPORTANT!
Before returning your item, you must call us on 0800 878 9864

We want you to be completely satisfied with your purchase. If you need to return goods purchased from DARAY Ltd, please read the following information carefully.

The DARAY Ltd returns policy provides guidance on when you can return goods we have supplied, and what you can expect from us once you do.

TYPE OF RETURN	REMEDY
DAMAGED GOODS Goods which are physically damaged on delivery	We must be notified within 24 hours of receipt.
Dead On Arrival (DOA) Goods which do not work	Goods which do not work on arrival or develop a fault within 28 days, we will advance replace the item.
GOODS DEVELOPING A FAULT Goods which have developed a fault within the warranty period.	If the fault develops after 28 days, but within the warranty period, we will initiate the returns procedure.
NON WARRANTY Goods which have developed a fault outside the warranty period.	If a fault develops outside the warranty period, we will initiate the returns procedure charges may be applicable.
OTHER Any situation which is not covered by any of the above.	We will always try to help, but we cannot normally offer a refund.

For additional clarification, please refer to our terms and conditions at www.daray.co.uk/terms.

In a small number of cases, we may determine that a replacement would not work any better than the original product we supplied. In such cases we will only offer a refund rather than a replacement for qualifying returns.

Replacement bulbs and spare parts ordered on our website or from supplied part codes are not eligible for credit. We will accept returns and exchange for the correct item.

If your purchase an item incorrectly you can return it within 14 days and it can be exchanged for another product of equal or higher value, excluding transportation charges incurred. Goods and packaging must be returned in their original condition. Under no circumstances will goods be accepted for return if they are damaged, have been subjected to improper handling or abuse or have been used.

If you send us goods that do not qualify for return, you will invalidate your claim to any refund, and you will be obliged to compensate DARAY Ltd for the cost of return postage and any other reasonable costs incurred processing the goods.

Your statutory rights are not affected.

WARRANTY

TERMS AND CONDITIONS OF WARRANTY

1. To qualify for this warranty you must register on www.daray.co.uk or return to Daray Ltd (Daray) the duly completed warranty-registration form accompanying the product.
2. Daray warrants this product (excluding lamp) against faulty material and workmanship during the period of the warranty. The period of warranty is the period stated on your warranty card and commences on the date of purchase of the product. In the event that the product is not in good working order Daray will provide, during the warranty period, a free repair service within the United Kingdom. The warranty is subject to proof of purchase being provided; therefore, you should retain your original receipt.
 - 2.1 The repair service consists of the provision of spare parts and/or replacement products (at Daray's discretion) which will be provided on an exchange basis and will either be new, equivalent to new or reconditioned. All replaced spare parts and products shall become the property of Daray.
 - 2.2 Daray's only obligation under this warranty is the provision of the service as set out above.
 - 2.3 All products are returned to Daray at the customer's cost and risk. Products to be returned should be adequately packed. For the address to send returns to please visit www.daray.co.uk
3. Daray's arrangements for providing service provided under this warranty may include the use of sub-contractors.
4. This warranty does not cover damage or defects in the Product caused by or resulting from:
 - Wilful neglect or negligence by anyone other than Daray;
 - Improper use, storage or handling of the product;
 - Use of non-Daray approved parts (such as replacement lamps) not compatible with the Product;
 - Fire, accident or disaster;
 - Use of non-Daray modifications other than in accordance with Daray's instructions;Attachment of fittings and accessories not approved by Daray;
Repairs, modifications carried out by service personnel not approved by Daray;
 - Damage caused by chemical corrosion from cleaning agents not approved by Daray.
 - Failure to use or install the product in accordance with the manufacturer's instructions.
5. Nothing in this warranty shall have the effect of restricting or excluding the liability of Daray in respect of:
 - a) Death and personal injury caused by the negligence of Daray, or for fraud;
 - b) Under the *Consumer Protection Act 1987* to a person who has suffered damage caused by a defective product or to a dependant or relative of such a person;
 - c) Direct damage to your property caused by the proven negligence of Daray.
6. This agreement does not give any rights other than those expressly set out above and in particular, Daray will not be responsible for any loss of income, profits or contracts or any direct or indirect consequential loss, damage caused to or suffered by the purchaser as a direct result of this agreement.
7. This warranty is offered (subject to these terms and conditions) in addition to, and does not affect your statutory rights.
8. Daray may disclose your details and other personal information to companies within the Daray group including any subsidiary company or sub contractor of Daray for the purposes of performing our obligations hereunder.
9. You must not resell outside the UK any products supplied by Daray and covered by the *Export of Goods (Control) Order 1992* (or any law that replaces it) without obtaining all necessary licences. You also agree not to sell the product in the UK if you know or think that the person buying the product intends to export it without getting the necessary licences. You agree to impose similar conditions to these on anyone you sell the product to.
10. These conditions shall in all respect be governed and construed in accordance with English law and the exclusive jurisdiction of the English courts.



Alternatively register online at www.daray.com

Warranty Registration
Please complete and return to our
freepost address.

1 Year Warranty



Name:	
Company:	
Email:	
Phone:	
Fax:	

Address:	
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Freepost plus RRAS-YGXE-SLBC
Daray Ltd
Marquis Drive
Swadlincote
DE12 6EJ

Purchased from:

Date of purchase:

Occasionally Daray would like to send you information about our special offers and promotions. If you do not wish to receive such information please tick here:

Privacy statement: DARAY will not pass on your details to any third party.

Please note:
Warranty includes parts and labour (return to base)

Product:

Serial No:

