

# DALCROSS X-RAY VIEWERS

## PRODUCT INFORMATION MANUAL



Congratulations on your decision to purchase a Dalcross quality product.  
Dalcross X-Ray Viewers conform to Australian Standards AS-2502-1981, and have  
D.M.E. Approval Number CS4816N. Only quality materials and fabrication processes  
are used to construct our viewers.

Please read all instructions and warnings before using.

## SPECIFICATIONS

### **Construction**

1. Exterior Case: Folded 1mm cold rolled steel. Powdercoated white.
2. Viewing Panel: 3mm Opal Perspex.
3. Mounting Strip: Folded stainless steel with 3 galvanised mild steel gripping rods.

### **Electrical**

1. Fluorescent Illuminator: Circular tube, FCL 32D daylight. Tube light approximately 8000 hours.
2. Starter: FSU 4-80W. Starter life is normally equal to tube, but is influenced by the number of time it is switched on and off.
3. Power Plug and Lead: Black 3 core 7.5 amp, 2 metre lead with clear moulded side entry plug. (Please Note: Flush mount models are hard wired in and do not have a power lead)
4. Earthing System: Earth lead connected to body of X-Ray Viewer.
5. Switches: One per bay. Tobin No. 601 push button. 240V AC single pole 2.5 amp.

## PARTS

Over time it will be necessary to replace the Fluorescent Globe/s and/or Starter/s.

<b>MODEL</b>	<b>DESCRIPTION</b>
1600G	Single Fluorescent Circular Globe (32 Watt)
1600S	Starter for Fluorescent X-Ray Viewer

## WARRANTY

Dalcross X-Ray Viewers are guaranteed to be free from defects in materials and workmanship for a period of 12 months from date of purchase.

All components assembled are subject to their respective manufacturer's warranty.

Our obligation is limited to repair or replacement within the warranty period, at our discretion, following inspection at Dalcross.

The warranty is null and void in the event of any abuse or misuse, improper installation, or any interference with components/wiring.

Items not subject to guarantee:

- Breakage of perspex panel
- Starter/s and circular fluorescent tube/s.

No warranty claims considered without documented evidence. All freight costs to be covered by claimant.

## INSTALLATION

### Assembly

The circular fluorescent tube/s in each viewer are individually packed behind the perspex panel, to avoid breakage in transit.

1. Remove screws and perspex cover.
2. Unwrap fluorescent tube/s, click into position and connect power socket.
3. Remove protective plastic film from perspex and screw panel back onto case.

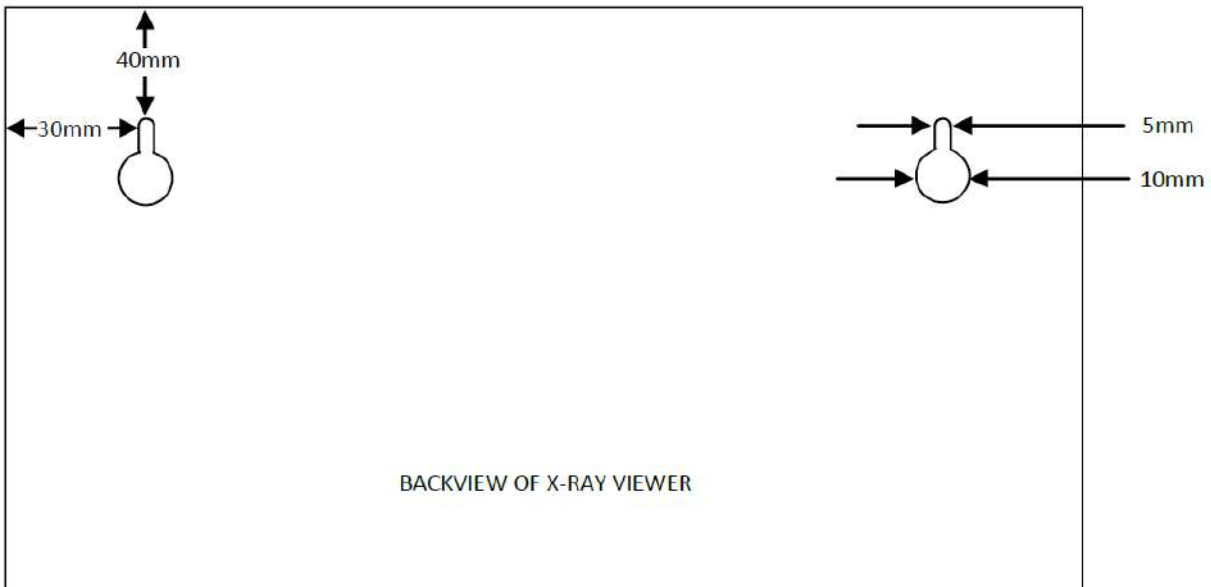
Your viewer is now ready for use.

### Wall Mounting

Single and double bay viewers are complete with two keyhole screw slots, on the reverse of case. (See diagram below). It is recommended that these points are used only when they align correctly with a substantial mounting structure, e.g. masonry wall or internal studs.

Otherwise, simply remove the perspex panel and drill fixing directly through the case.

This procedure should also be followed where the two screw lots provided are not sufficient, and with all larger viewers.



Once x-ray viewer is unpacked and attached to wall, plug electric cord into 240V power point.

Turn on switch and the panel will illuminate

Insert X-ray film into the upper line of the inside frame.

## INSTALLATION

### **Flush Mount Models**

To determine wall recess opening sizes, simply add 10mm to the height and length for each model. Do not include the flange trim in dimension calculations. For example:

<b>MODEL</b>	<b>DESCRIPTION</b>	<b>X-RAY VIEWER BOX SIZE</b>	<b>WALL RECESS OPENING</b>
1600FM	Single Bay	377L x 500H x 105mmD	387L x 510H x 105mmD
1601FM	Double Bay	750L x 500H x 105mmD	760L x 510H x 105mmD
1602FM	Three Bay In-Line	1125L x 500H x 105mmD	1135L x 510H x 105mmD
1603FM	Four Bay In-Line	1500L x 500H x 105mmD	1510L x 510H x 105mmD
1604FM	Four Bay Split	750L x 1000H x 105mmD	760L x 1010H x 105mmD
1605FM	Six Bay In-Line	2250L x 500H x 105mmD	2260L x 510H x 105mmD
1606FM	Six Bay Split	1125L x 1000H x 105mmD	1135L x 1010H x 105mmD
1607FM	Eight Bay In-Line	3000L x 500H x 105mmD	3010L x 510H x 105mmD
1608FM	Eight Bay Split	1500L x 1000H x 105mmD	1510L x 1010H x 105mmD
1610FM	Spinal X-Ray Viewer	375W x 1125H x 105mmD	385W x 1135H x 105mmD

## MAINTENANCE/CLEANING

Clean the exterior of the viewer with a clean damp cloth and then dry with a clean soft cloth.  
Do not use solvents such as mentholated spirits or turpentine when cleaning the frame.  
Ensure power supply is disconnected before opening appliance.  
Regularly wipe the front illuminated panel with a dry cloth for optimum film reading.  
Replace tube/s and starter/s when necessary.

## WARNING

Do not attempt to service, modify or dismantle this product.  
Do not install this product in a damp area such as a bathroom.  
Do not fix viewer to a vibrating surface.