INSTRUCTIONS

RPD INFORMATION

Address	5218 Barthel Industrial Drive Albertville, MN 55301
Website	www.rpdinc.com
Email	sales@rpdinc.com
Phone	763-497-2071 or 800-497-2071
Fax	763-497-2295

RPD PRODUCT INFORMATION

Item Number	Description
1020-602	Trimline Plus Hi-Lo Illuminator, 2 Bank, Wall Mount
1020-603	Trimline Plus Hi-Lo Illuminator, 3 Bank, Wall Mount
1020-604	Trimline Plus Hi-Lo Illuminator, 4 Bank, Wall Mount
1020-622	Trimline Plus Hi-Lo Illuminator, 2 Over 2, Wall Mount
1020-633	Trimline Plus Hi-Lo Illuminator, 3 Over 3, Wall Mount

ILLUMINATOR MANUAL

All Wolf Illuminators Conform to UL60601-1 and are Certified to CAN/CSA C22.2 No. 601.1

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Your Responsibility When Receiving Freight

1) STEPS TO TAKE AT TIME OF DELIVERY TO PROTECT AGAINST LOSS OR DAMAGE

A. Verify Count - Make sure you receive as many cartons as are listed. If shortage is discovered, note how many cartons are short on carriers receipt and have driver note the shortage on your copy.

B. Carefully Examine Each Carton for Damage – If damage is visible, note this on the receipt and have the driver note on your copy. If carton appears damaged, contents may be damaged contents may be damaged. Insist it be opened and you and the driver make joint inspection of the contents. Any concealed damage discovered should be noted on the delivery receipt and on your copy, retain your copy.

C. Immediately After Delivery, Open All Cartons and Inspect for Concealed Damage – Even though driver has left, all cartons should immediately be opened and the contents inspected for possible concealed damage.

2) STEPS TO TAKE WHEN CONCEALED DAMAGE IS DISCOVERED

A. Retain Damaged Items – Damaged items must be held at the point where received. Containers and all inner packing materials must be held until an inspection is made by a carrier inspector.

B. Call Carrier or Wolf X-Ray to Report Damage and Request Inspection – Call should be placed immediately upon discovery of the damage. Put off no longer than 15 days after delivery. Failure to report concealed damage within 15 days will result in the carrier denying your claim.

C. Confirm Call in Writing – For your protection we recommend that calls to the carrier be confirmed in writing.

3) STEPS TO TAKE WHEN CARRIER MAKES INSPECTION OF DAMAGED ITEMS

A. Have Damaged Items in Receiving Area – Do not move damaged items from the receiving area prior to discovery of the damage. Allow inspector to inspect items, cartons, inner packing materials and freight bill. Be sure to retain your delivery receipt.

B. After Inspector Fills Out Inspection Report, Read It before Signing – If you do not agree with any facts or conclusions made on the inspector's report, do not sign. Unless repairs will be satisfactory, be sure the inspector requests replacement on the inspection report. A new item can be ordered only if the inspection report specifies "REPLACE".

4) STEPS TO TAKE AFTER INSPECTION HAS BEEN MADE

A. Continue to Retain Damaged Merchandise – Even though inspection has been completed, damaged items cannot be used or disposed of without written permission from the carrier.

B. Do Not Return Damaged Items to Shipper – Unless requested to do so.

C. Secure Receipt From Carrier if Damaged Items are Picked Up For Salvage – If you surrender damaged merchandise to a carrier for salvage, secure a receipt from the driver when it is picked up and retain that receipt.

ISO 13485

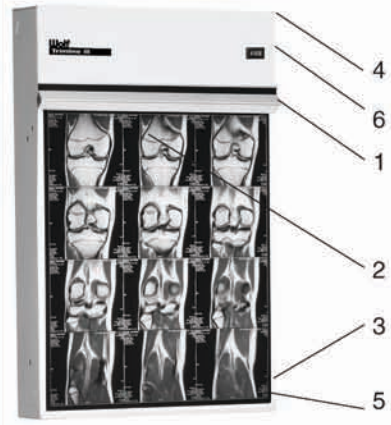
INTENDED USE

This product is a view box intended for the viewing of X-Ray film. Please read this manual before installing or using illuminator. This manual contains information for the correct installation, operation and maintenance of your illuminator.

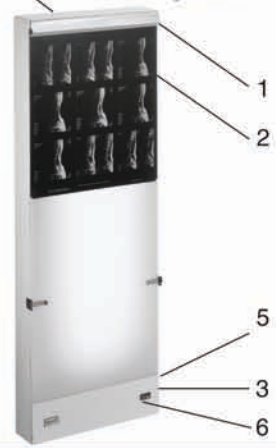
PRODUCT DESCRIPTION

1. Film grip
2. Plexiglas
3. Power cord
4. Hanger bracket (if so equipped) behind illuminator body
5. Power sticker
6. On/off switch
   Fuse (See Below)

All Trimlines



All Spinals



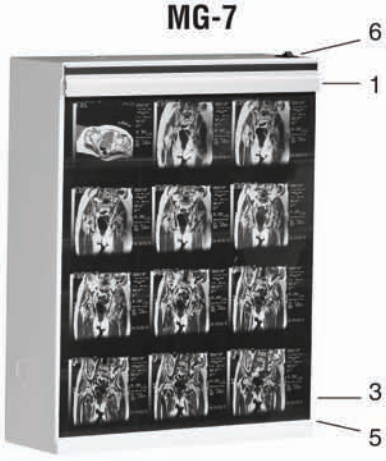
All Liberators



Econolines



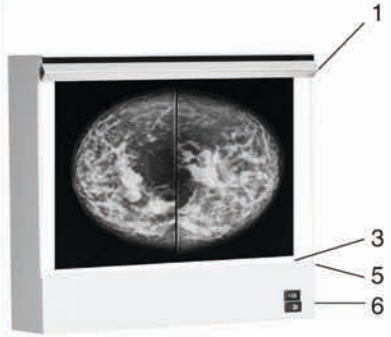
MG-7



Podolites



VuPlus



Mammoline



FUSE LOCATIONS

All Trimline	In top socket holder
Spinals	In bottom socket holder
Liberators	In bottom socket holder
Econolines	Under plexi, near line cord
MG-7	Outside, above the cord
VuPlus	Outside, above the cord
Podolite	On front
Mammoline	Next to line cord

INSTALLATION INSTRUCTIONS

NOTE: Large illuminators draw a lot of current, and may require a dedicated line. Follow the recommendations in the catalog. Power requirements are marked on the illuminator and there is a chart in this manual.

Fluorescent lamps require a minimum of 50 degrees F air temperature to light properly.

Mounting hardware NOT included.
Different wall surfaces require their own kind of mounting hardware. Please use mounting hardware appropriate to your wall surface.

WALL SURFACE MOUNTING FOR ALL ILLUMINATORS
(EXCEPT: Econolines, MG-7, Podolite, and VuPlus)
Following the three simple steps below, you can quickly and accurately mount your illuminator on any wall surface. Make sure your illuminator is near an appropriate outlet.
1) The back of your illuminator already has an "E-Z" Bar taped to it. Remove the bar and note the two holes the "E-Z" Bar flanges came out of.
2) Take the "E-Z" Bar and using a spirit level, mount it on the wall with the flanges on the bar facing out. Be sure to have at least one mounting screw into a wall stud.
3) Slip the holes in your illuminator over and down onto the "E-Z" Bar flanges, and you're done.

WALL SURFACE MOUNTING INSTRUCTIONS FOR ECONOLINE, MG-7, PODOLITE AND VuPlus
Remove the plexiglas (see plexiglas removal in Maintenance). Using the keyholes provided, screw the illuminator into the wall studs.
Remember to locate your illuminator within reach of an appropriate outlet.

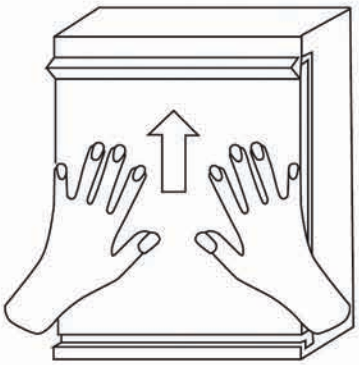
RECESSED (FLUSH IN THE WALL) MOUNTING INSTRUCTIONS
NOTE: MG-7, VuPlus and Mammolines cannot be recessed mounted.
Please refer to the instructions that are enclosed with your recessed kit.

OPERATING INSTRUCTIONS

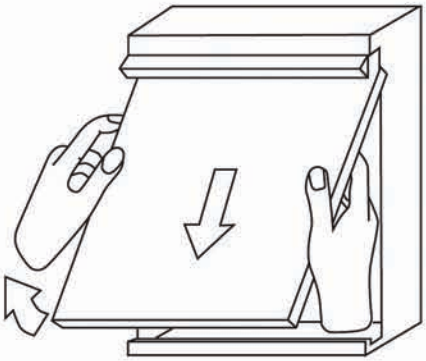
The illuminator is turned on via on/off switch or auto switch (if so equipped). Each viewing area has its own switch. Two tier illuminators are equipped with a master switch.
To view an X-Ray film, insert the film under the film grip and turn on the viewing area.

MAINTENANCE
Plexiglas Removal:

All Illuminators except the Liberator Series



With the unit upright, slide the glass upward until it clears the bottom groove.



When clear of the bottom groove, pull the glass down & out. Illuminators with auto switch have a notch in the top center of the glass. The glass MUST BE REPLACED WITH THE NOTCH IN THE UP POSITION.

For the Liberator Series ONLY

To access the interior of the Liberator cabinet simply grasp the left and right hand side of the roller grip and pull the grip and plexiglas assembly firmly off while lifting the plexiglas out of the bottom groove of the cabinet.

To replace the plexiglas, put the plexiglas into the bottom groove of the cabinet with the top (roller grip) edge angled out making sure the left and right hand edges of the plexi are even with the left and right hand edges of the cabinet, and raise the top (roller grip side) so that it lays against the top of the cabinet edge. The roller grip will hold fast to the cabinet and your plexiglas viewing surface is reinstalled

NOTE: Never remove glass from the left or right side as this will damage the auto switch.

How to Replace Bulbs

1. Disconnect power.
2. Follow instructions for plexiglas removal above.
3. Replace bulb (see chart to the right for part #).
4. Replace plexiglas.
5. Reconnect power.

Replacement Bulb Stock Numbers

All Liberators	21104-19
All Trimlines (except spinals)	21104-19
Trimline 36" Spinal	21279-09
Trimline 51" Spinal	21282-25
Econoline and MG-7	21104-19
Mammoline	28601-26
VuPlus	21500-17
Podolite	21506-25

REPLACEMENT PARTS AND PRODUCT SPECIFICATIONS

Part Numbers

Product	line cord	on/off switch	master switch	auto switch	ballast	socket	bulbs/sec.	amps/ sec	Fuse
2960x & 21104 & 2180x	21104-32	21104-99	none	none	21520-23	21105-19	2-21104-19	0.5	20 amp slo blo
Podolite	21104-32	21104-99	none	none	21520-23	21105-19	2-21506-25	0.5	20 amp slo bl
Trimline 214xx	21404-20**	21401-99	21422-08	21001-08	21520-23	21401-19N	2-21104-19	0.5	20 amp slo blo
Trimline Plus 294xx	21001-14	21401-99	21422-08	21001-08	21520-23	21401-19N	4-21104-19	1	20 amp slo blo Y
Trimline Basic-295xx	21404-20 **	21104-99	21422-08	none	21520-23	21401-19N	2-21104-19	0.5	20 amp slo blo
Trimline III- 234xx	21404-20 **	21401-99	21422-08	21001-08	21520-23	21401-19N	3-21104-19	0.75	20 amp slo blo
Trimline Plus Hilo-290xx	21001-14	21401-99 & 21104-99	21422-08	21001-08	21520-23	21401-19N	6-21104-19	1.5	20 amp slo blo Y
Trimline 36" Spinal 29280-29281	21404-20	21104-99	none	none	29280-97	21401-19N	3-21279-09	1.15	20 amp slo blo
Trimline 36" Plus Spinal 28280-28281	21404-20	21401-99	none	21001-08	29280-97	21401-19N	4-21279-09	1.15	20 amp slo blo
Trimline 51" Spinal 29282	21404-20	21104-99	none	none	29280-97	21401-19N	3-21282-25	1.15	20 amp slo blo
Trimline 51"	21404-20	21401-99	none	21001-08	29280-97	21401-19N	4-21282-25	1.15	20 amp slo blo
Plus Spinal 28282									
Liberator 228xx	21001-14	21401-99	21422-08	21001-08	21520-23	21401-19N	4-21104-19	1	20 amp slo blo Y
Liberator Hilo 229xx	21001-14	21401-99 & 21104-99	21422-08	21001-08	21520-23	21401-19N	6-21104-19	1.5	20 amp slo blo Y
VuPlus	21404-20	21422-08 & 21104-99	none	none	21520-23	21401-19N	5- 21500-17	1.25	20 amp slo blo
Mammoline	21001-14	28601-25	none	none	28601-98	21401-19N	16- 28601-26	1.96	20 amp slo blo

Note: All illuminators are either 120 volt and 60 cycles or 240 volt and 50/60 cycles
All illuminators can be recessed except the VuPlus, Mammoline and the MG-7 series.

xx= 01, 02, 03, 04, 05, 06, 11, 22, 33, 44, 55, 66 (01 - single thru 66-6 over 6)
** - 5 over 5 and 6 over 6 use 21001-14
Y = larger units may have 2 sets of fuses

Wolf X-RAY CORPORATION

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