

V I S I O N

# Mnemonics Upgrade Installation Guide



Live Production Technology™

# Vision • Mnemonics Upgrade Installation Guide

- Ross Part Number: **4800DR-320-02**
- Release Date: April 28, 2010. Printed in Canada.

The information contained in this guide is subject to change without notice or obligation.

## Copyright

© 2010 Ross Video Limited. All rights reserved.

Contents of this publication may not be reproduced in any form without the written permission of Ross Video Limited. Reproduction or reverse engineering of copyrighted software is prohibited.


## Patents

This product is protected by the following US Patents: 4,205,346; 5,115,314; 5,280,346; 5,561,404; 7,034,886; 7,508,455. This product is protected by the following Canadian Patents: 2039277; 1237518; 1127289. Other patents pending.

## Notice

The material in this guide is furnished for informational use only. It is subject to change without notice and should not be construed as commitment by Ross Video Limited. Ross Video Limited assumes no responsibility or liability for errors or inaccuracies that may appear in this guide.

## Trademarks

-  is a registered trademark of Ross Video Limited.
- Ross, ROSS, ROSS®, and MLE are registered trademarks of Ross Video Limited.
- All other product names and any registered and unregistered trademarks mentioned in this guide are used for identification purposes only and remain the exclusive property of their respective owners.

# Important Regulatory and Safety Notices to Service Personnel

Before using this product and any associated equipment, refer to the “**Important Safety Instructions**” listed in the front of your *Engineering Manual* to avoid personnel injury and to prevent product damage.

Product may require specific equipment, and/or installation procedures to be carried out to satisfy certain regulatory compliance requirements. Notices have been included in this publication to call attention to these specific requirements.

## General Handling Guidelines

- Careful handling, using proper ESD precautions, must be observed.
- Power down the system before PCB removal.



---

**ESD Susceptibility** — *Avoid handling the switcher circuit boards in high static environments such as carpeted areas, and when synthetic fiber clothing is worn. Touch the frame to dissipate static charge before removing boards from the frame, and exercise proper grounding precautions when working on circuit boards.*

---

## Environmental Information

**The equipment that you purchased required the extraction and use of natural resources for its production. It may contain hazardous substances that could impact health and the environment.**

To avoid the potential release of those substances into the environment and to diminish the need for the extraction of natural resources, Ross Video encourages you to use the appropriate take-back systems. These systems will reuse or recycle most of the materials from your end-of-life equipment in an environmentally friendly and health conscious manner.

The crossed-out wheeled bin symbol invites you to use these systems.



If you need more information on the collection, reuse, and recycling systems, please contact your local or regional waste administration.

You can also contact Ross Video for more information on the environmental performances of our products.

# Package Contents

The contents of the **Mnemonics** upgrade kit depends on the number of MLEs you are upgrading and the model of Vision control panel you have. If any items are missing, or damaged, contact Ross Video Technical Support.

Qty	Part#	Item
5	4800AR-153	Mnemonics Cards per MLE on Vision 4
3	4800AR-153	Mnemonics Cards per MLE on Vision 3M
4	4800AR-153	Mnemonics Cards per MLE on Vision 3
4	4800AR-153	Mnemonics Cards per MLE on Vision 2X
3	4800AR-153	Mnemonics Cards per MLE on Vision 2M
2	4800AR-153	Mnemonics Cards per MLE on Vision 2
3	4800AR-153	Mnemonics Cards per MLE on Vision 1M
2	4800AR-153	Mnemonics Cards per MLE on Vision 1

# Mnemonic Display Installation

The Mnemonics Display option allows you to add mnemonics to all MLEs, and Custom Control buttons on your Vision switcher. To install the Mnemonic displays for an MLE, or Custom Control bus, you must remove the blank mnemonic plate and then install the individual mnemonic cards.

Use the following procedure to install a mnemonic card:

1. Power down the Vision control panel. The frame can remain on during this procedure. Refer to your Vision switcher documentation for information on shutting down the control panel.
2. Unplug the Primary and Redundant (if installed) power from the control panel.

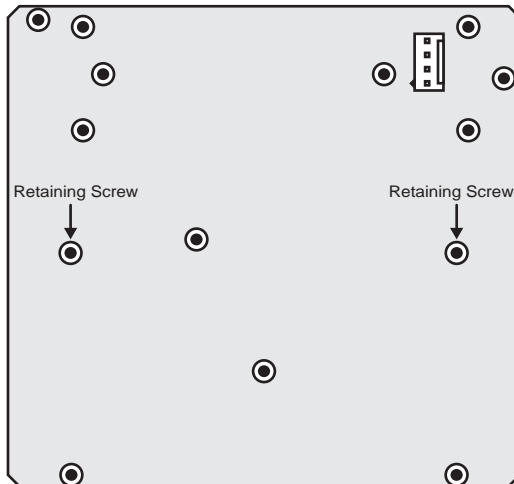


---

**Warning Hazardous Voltage** — *Hazardous voltages are present in the control panel as long as any of the power supplies are connected to the AC power.*

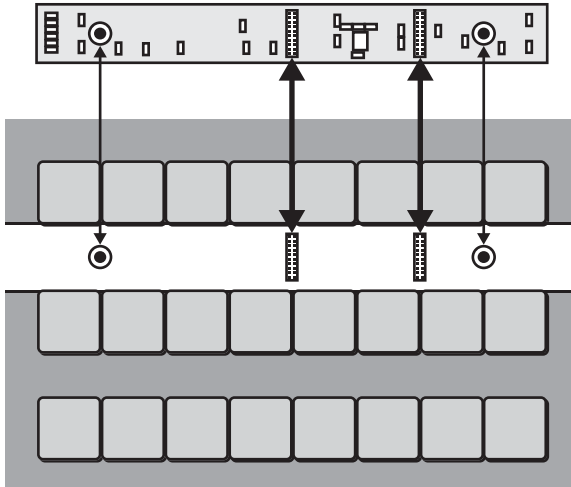
---

3. Lift up on the control panel lid to gain access to the control panel tub.
4. Locate and remove the retaining screws in the **Crosspoint Boards** (**Figure 1**) that are holding the blank mnemonic plate in position. This must be repeated for every **Crosspoint Board** in the same row.



**Figure 1** Mnemonic Retaining Screws — Crosspoint Board

5. Remove the blank mnemonic plate from the top of the control panel. You can re-install the retaining screws into the blank mnemonic plate for storage.
6. From the top of the Vision control panel, starting at one end, align the **Mnemonic Card Connectors** and **Retaining Bolts** to the connectors and holes on the **Crosspoint Board** (Figure 2).



**Figure 2** Mnemonic Module Installation



---

**Caution** — Do not attempt to use the **Retaining Nuts** to seat the card in the slot as this may damage the board, card, or both.

---

7. Apply firm, even, pressure to seat the card in the slot.
8. Install the **2 Retaining Nuts** onto the **Retaining Bolts** on the **Mnemonic Card** to secure the card into position. The nuts attach from the underside of the Crosspoint Board, inside the control panel tub.

This completes the procedure for installing a mnemonic card.

## **Notes**

# Contact Us

Contact our friendly and professional support representatives for the following:

- Name and address of your local dealer
- Product information and pricing
- Technical support
- Upcoming trade show information

<b>PHONE</b>	<b>General Business Office and Technical Support</b>	613 • 652 • 4886
	<b>After Hours Emergency</b>	613 • 349 • 0006
	<b>Fax</b>	613 • 652 • 4425
<b>E-MAIL</b>	<b>General Information</b>	solutions@rossvideo.com
	<b>Technical Support</b>	techsupport@rossvideo.com
<b>POSTAL SERVICE</b>	<b>Ross Video Limited</b>	8 John Street, Iroquois, Ontario, Canada K0E 1K0
	<b>Ross Video Incorporated</b>	P.O. Box 880, Ogdensburg, New York, USA 13669-0880

## Visit Us

Please visit us at our website for:

- Company information
- Related products and full product lines
- On-line catalog
- News
- Testimonials

[www.rossvideo.com](http://www.rossvideo.com)