

8990ARC

ASPECT RATIO CONVERTER

Release Notes



SOFTWARE VERSION 3.0.0

071810802
DECEMBER 2004

the most watched worldwide

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Grass Valley Web Site

The www.thomsongrassvalley.com web site offers the following:

Online User Documentation — Current versions of product catalogs, brochures, data sheets, ordering guides, planning guides, manuals, and release notes in .pdf format can be downloaded.

FAQ Database — Solutions to problems and troubleshooting efforts can be found by searching our Frequently Asked Questions (FAQ) database.

Software Downloads — Software updates, drivers, and patches can be downloaded.

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Introduction

This document provides information on the latest software release for the 8990ARC Aspect Ratio Converter module. Read this document completely before attempting to update to the latest software.

CAUTION These notes contain critical information concerning the updating process. Do not update software without completely reading *Software Updating on page 5*.

This document details:

- Version 3.0.0 Release details ([page 4](#)),
- System Requirements ([page 4](#)),
- Hardware Modifications ([page 5](#)),
- Software Updating ([page 5](#)), and
- Accessing Reference Documents ([page 5](#)).

Version 3.0.0 Software Release

This software adds the following features to the 8990ARC module:

- Standard WSS and Video Index modes have been modified to add the following additional new modes:
 - Modified WSS
 - Modified Video Index
 - Custom WSS
 - Custom Video Index
- Line that carries WSS is now selectable from lines 13-27 and WSS data is now read correctly.
- Lines 21, 22, and 23 can now be selectively bypassed around scalar and blanked going into scalar.
- Distortion present in initial release has been corrected.

Note Operation of the new functionality is explained in detail in the 8990ARC Instruction Manual (071-8036-01) available in hard copy or online. Refer to [Accessing Reference Documents on page 5](#).

System Requirements

For remote control and monitoring capability, the module must be installed in a Gecko 8900TFN frame equipped with an 8900NET module. Gecko 8900TX frames must be upgraded to a TFN version (with fans) to utilize the 8900NET module. For more information on Gecko 8900 frames and the 8900NET module refer to the following reference documents:

- 8900NET Network Interface Instruction Manual
- Gecko 8900 Frames Instruction Manual

Hardware Modifications

Hardware modifications may be necessary on some versions of the module to enable updating or to be compatible with the latest software. Modification instructions are given in the form of Field Modification Notes (FMN) available on the software CD, on-line or in hard copy from Grass Valley (see [Accessing Reference Documents](#)).

Refer to [Table 1](#) below for an overview of the module versions and any necessary modifications.

Table 1. Hardware Modifications

Version Number	Modification	Comments
671-4698-00	075-0636-00	Jumper modification to correct download software capability.
671-4698-01	N/A	No modifications needed.

Software Updating

Currently, the only recommended method of software updating is done with a software kit that includes a CD-ROM with the current software files and a serial cable assembly (8900-FLOAD-CBL) available from Grass Valley.

Refer to the 8900-FLOAD-CBL Software Upgrade Instructions manual in pdf format on the CD-ROM for complete updating instructions.

To access the current software available for Modular products, navigate to the following Customer Service URL:

<http://www.gvg.custhelp.com>

Accessing Reference Documents

For on-line access to any of the reference documents referred to in these Release Notes, navigate to the following URL:

<http://www.thomsongrassvalley.com/docs>

Select the **Broadcast Products** link, then the **Modular Products** link and scroll through the available documents. All of the documents referred to may also be ordered in hard copy from any Grass Valley Sales or Customer Service source. Refer to [Contacting Grass Valley](#) at the front of this document.

