

# **APEX PLUS**

DIGITAL AUDIO ROUTER

Release Notes

# CERTIFICATE

Certificate Number: 510040.001

The Quality System of:

## Grass Valley USA, LLC and its Grass Valley Affiliates

Headquarters:

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Salt Lake City, UT 84119  
United States

Including its implementation, meets the requirements of the standard:

## ISO 9001:2008

Scope:

The design, manufacture and support of video and audio hardware and software products and related systems.

This Certificate is valid until: June 14, 2015  
This Certificate is valid as of: June 14, 2012  
Certified for the first time: June 14, 2000



H. Pierre Sallé  
President  
DEKRA Certification, Inc

The method of operation for quality certification is defined in the DEKRA General Terms And Conditions For Quality And Environmental Management Systems Certifications. Integral publication of this certificate is allowed.

**DEKRA Certification, Inc.**  
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Accredited By:  
ANAB



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# Contacting Grass Valley

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## Grass Valley Web Site

The <http://www.grassvalley.com/support> 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** — Download software updates, drivers, and patches.



## END-OF-LIFE PRODUCT RECYCLING NOTICE

Grass Valley's innovation and excellence in product design also extends to the programs we've established to manage the recycling of our products. Grass Valley has developed a comprehensive end-of-life product take back program for recycle or disposal of end-of-life products. Our program meets the requirements of the European Union's WEEE Directive, the United States Environmental Protection Agency, and U.S. state and local agencies.

Grass Valley's end-of-life product take back program assures proper disposal by use of Best Available Technology. This program accepts any Grass Valley branded equipment. Upon request, a Certificate of Recycling or a Certificate of Destruction, depending on the ultimate disposition of the product, can be sent to the requester.

Grass Valley will be responsible for all costs associated with recycling and disposal, including freight. However, you are responsible for the removal of the equipment from your facility and packing the equipment to make it ready for pickup.



For further information on the Grass Valley product take back system please contact Grass Valley at + 800 80 80 20 20 or +33 1 48 25 20 20 from most other countries. In the U.S. and Canada please call 800-547-8949, and ask to be connected to the EH&S Department. Additional information concerning the program can be found at: [www.grassvalley.com/about/environmental-policy](http://www.grassvalley.com/about/environmental-policy)

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OCTOBER 2013

# *APEX Plus Release Notes*

## **Applicability**

This release applies to:

- New APEX Plus systems,
- Existing APEX Plus systems, and
- Existing standard APEX systems.

Due to the new International power supply certification requirements, the existing APEX power supply (APX-PS-34000) will be replaced with a new power supply (APX-PS-35000). The APX-PS-35000 will ship with all new APEX systems going forward.

## **Overview**

The primary **purpose** of this release is to provide information on the new power supply APX-PS-35000 for standard APEX and APEX Plus systems.

Due to the new international certification requirements Product Safety Standard IEC 60950-1 2nd Edition, the original APEX power supply must be replaced with a new and improved version.

Because the new power supply has higher current capabilities, **do not mix** the old and new power supply versions within the same APEX frame. If old and new power supply versions are mixed within the same APEX frame, the new and old versions do not properly load share.

**CAUTION** If a power supply needs to be replaced, use a similar version power supply. Refer to the Power Supply comparison table. The power supply front panel nomenclature easily identifies the version number as per the Figure 1 below.

Figure 1. Version Nomenclature Identification

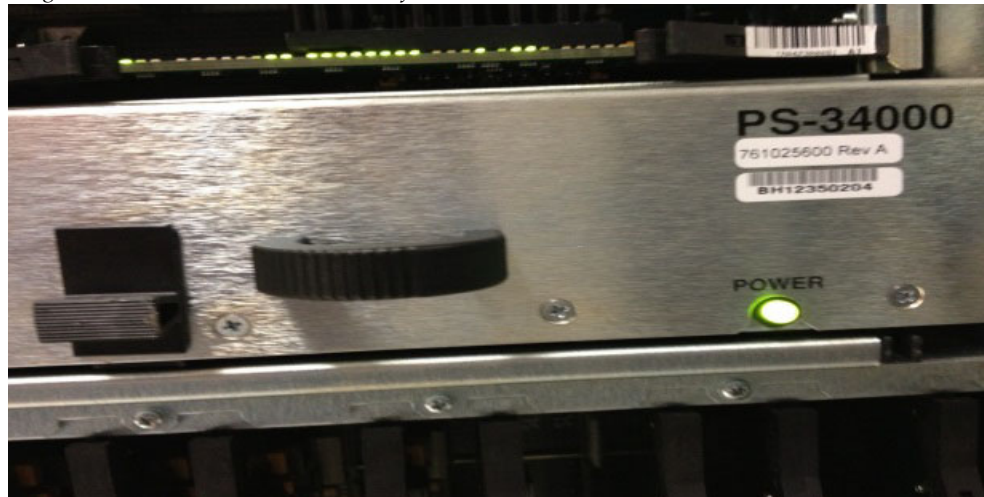


Table 1. APX-PS-34000 / 35000 Power Supply

Details	APX-PS-34000 (Old)	APX-PS-35000 (New)
Watt	150	200
VAC (AC Voltage)	100 - 240	100-240
Frequency	50-60 Hz	50-60 Hz
Nomenclature	761025600	761025601