

ADVC MINI

VIDEO CAPTURE SOLUTION



Installation Guide

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Warranty

Your ADVMini options are covered by a limited warranty when you register your Grass Valley unit. This warranty is for a period of one year (or two years in European Union countries) from the date of purchase from Grass Valley or an authorized Grass Valley agent. This warranty applies only to the original purchaser of the Grass Valley unit and is not transferable. Grass Valley warrants that for this period the unit will be in good working order. Should our unit fail to be in good working order, Grass Valley will, at its option, repair or replace it at no additional charge, provided that the unit has not been subjected to misuse, abuse or non-Grass Valley authorized alterations, modifications and/or repair. Proof of purchase is required to validate your warranty.

Grass Valley is not responsible for any lost profits, lost savings or other incidental or consequential damages arising out of the use of, or inability to use, this unit. This includes damage to property and, to the extent permitted by law, damages for personal injury. This warranty is in lieu of all other warranties of merchantability and fitness for a particular purpose.

REMOVAL OF COATING, SCRATCHES, DAMAGES OF CONNECTORS ARE NOT COVERED BY THIS WARRANTY.

REPLACEMENT OF DAMAGED PARTS (NOT THOSE DUE TO MANUFACTURING DEFECTS) WILL BE CHARGED AT ACTUAL COST PLUS HANDLING FEES.

Safety and Regulatory Notice

Please observe the followings when using this unit. If you have any questions regarding the descriptions herein, or any other concerns, please contact your local Grass Valley office or distributor.

WARNING

The following conditions indicate the potential for serious bodily injury or loss of life.

Do not disassemble

Do not remove the cover or modify this unit. Fire, electric shock or malfunction may result. For internal inspection or repair, please contact your local Grass Valley office or distributor.

Do not use in a dusty or wet environment

It may cause a short-circuit or a build-up of heat, resulting in fire or electric shock.

Do not use in environments requiring a high degree of reliability and safety

This unit is not to be used in medical devices or life support systems. The characteristics of this unit are not suited for use with such systems.

Do not place the unit close to heat sources

Do not place in an area exposed to direct sunlight or near a heating apparatus. The heat can accumulate, causing burns, fire or damage. Also, the unit may become deformed or change color.

Stop using when the unit is smoking

Do not use this unit in an abnormal condition like when it is smoking or emitting an odor. It may result in fire or malfunction. If any anomaly is found, turn off the power of computer and disconnect the cable from the unit.

Do not drop this unit or use this unit in a damaged condition

Do not drop this unit or use this unit with its cover broken. It may result in fire or malfunction. In case this unit is damaged, turn off the power of computer, disconnect the cable from the unit, and contact your local Grass Valley office or distributor.

Health precautions

In rare cases, flashing lights or stimulation from the bright light of a computer monitor display may trigger temporary epileptic seizures or loss of consciousness. It is believed that even individuals who have never experienced such symptoms may be susceptible. If you or your close relatives have experienced any of these symptoms, consult a doctor before using this unit.

CAUTION

The following conditions indicate the potential for bodily harm, damage to hardware or loss of data.

Do not place on an uneven surface

Do not place this unit on an uneven or slanted surface. This may result in injury or malfunction.

Do not use other than the described method

Do not use in a manner other than described. Do not use while wrapped in cloth or plastic. Heat can accumulate, causing burns, fire or damage.

FCC Notice

This unit has been tested and found to comply with the limits for the class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against interference in a residential installation.

This unit generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Declaration of conformity

According to FCC Part 15

Responsible Party Name:

Thomson Inc. dba Grass Valley

Address: 400 Providence Mine Road, Nevada City, CA 95959

Telephone: 530-478-3000

Declares that unit model: ADVMini complies with Part 15 of the FCC Rules.

- (4) Grass Valley assumes no liability for the results of practical application, regardless of item (3) above.
- (5) Regardless of whether negligence occurs during usage, Grass Valley assumes no liability, even if there is a claim for extraordinary, incidental or derivative loss, including the loss of profits, that arise during practical application of this unit.
- (6) The analysis, reverse engineering, recompiling and disassembling of the software, hardware or manuals that accompany this unit, and all other related units including miscellaneous supplemental items, are prohibited.
- (7) Apple, Apple logo, Mac, Macintosh, and Mac logo are trademarks of Apple Inc., registered in the U.S. and other countries.

Product Notes

- (1) Unauthorized copying of a portion or the entirety of this unit is prohibited.
- (2) The description and specifications of this unit are subject to future change without notice.
- (3) The description of this unit has been prepared to be as complete as possible. If the purchaser is aware of any questionable points, errors or omissions, please contact Grass Valley.

About the Documentation

This document is ADVMini Installation Guide. Information not listed in this document may be listed elsewhere. In cases where there is a difference between a description in this document and an actual operation method, the actual operation method takes precedence.

To simplify the descriptions, the actual unit may differ from the illustrations.

ADVMini
Installation Guide
April 1, 2010

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Introduction

Verifying Package Contents

Please verify that the following accessories are included in the package for this product.

- ADVMini
- USB cable
- S-Video cable
- Video/audio cable
- SCART cable (only supplied with models for EU countries)
- Installation CD (CD-ROM)
- Manual
- ADVMini Installation Guide (this guide)
- Warranty/User Registration Card

The peeling of paint, scratches, and damage to connectors are not covered by the free warranty.

Support

Customer Support

For questions regarding hardware setup and usage, please contact your local Grass Valley office, distributor or the store where you have purchased this product.

Web-site

The latest company information is announced at our website:

<http://desktop.grassvalley.com/>

The latest drivers utilities, product manuals, FAQs, etc. are also available at our web-site.

Online User Registration

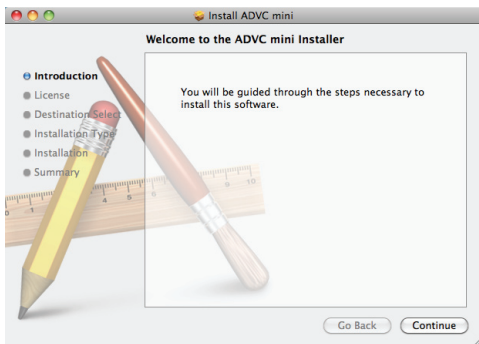
You can register your ADVMini here.

<http://desktop.grassvalley.com/support/>

Installation

When you insert the Installation CD (CD-ROM) and execute ADVC mini.mpkg, the setup program starts and the following screen appears. Follow the instructions on the screen to install the application (ADVC capture). After the installation is completed, connect ADVCmini. (Refer to “Connection Procedure” on page 10.)

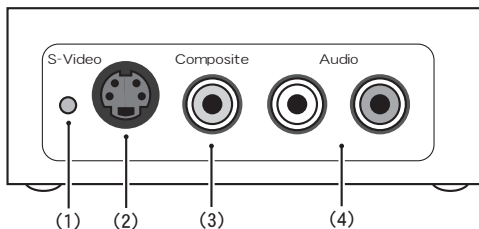
Figure 1. ADVC capture Installation Screen



Connection

Connector Names

Figure 2. ADVCmini Front Panel



(1) Power indicator LED

When power is provided from USB port, this indicator lights in green.

(2) S-Video input connector

(3) Composite input connector

(4) Audio input connectors

The red connector is used for the right (R) audio input, and the white connector is for the left (L) audio input.

Figure 3. ADVCmini Left Side View

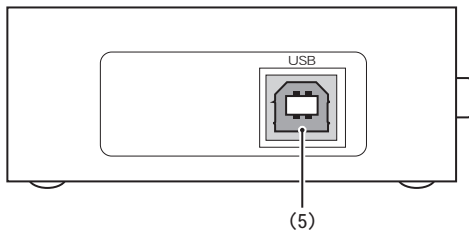
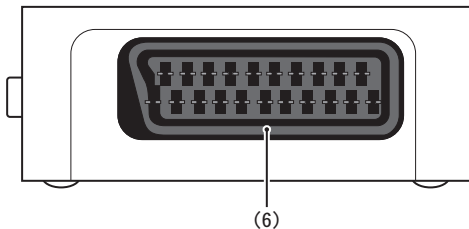


Figure 4. ADVCmini Right Side View



(5) USB port

(6) SCART input connector

The SCART input connector is only for use in EU countries.

Connection Procedure

Use the following procedure to connect ADVMini.

- (1) Use the USB cable to connect ADVMini to the PC.
- (2) Use the video/audio cable to connect ADVMini to the playback device.
 - If the playback device supports S-Video, you can use an S-Video cable for connection. In this case, you do not have to use the video cable in addition to the S-Video cable. (Connect the audio cable only.)
 - A SCART cable is supplied with models for EU countries. If the playback device supports SCART, you can use a SCART cable for connection. In this case, you do not have to use either the video/audio cable or the S-Video cable.

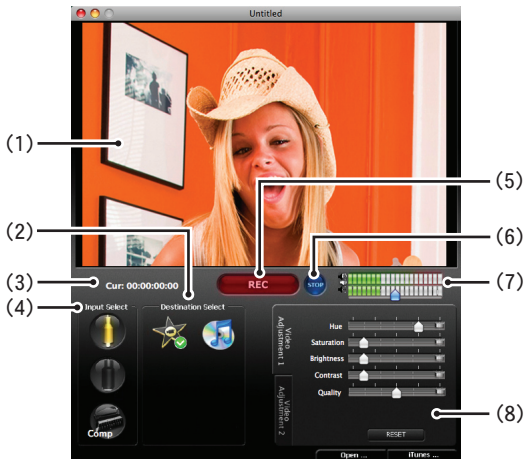
Note Connect the cables in the order of USB cable → video/audio cable (or S-Video cable, SCART cable).

Operating Application

Application Screen

When you start the application (ADVC capture), the following screen appears.

Figure 5. ADVC capture Screen



- (1) Video playback screen
- (2) File save destination selection box
- (3) Counter
- (4) Video source selection box

Clicking the SCART input button switches the input in the order of Composite input → S-Video input → RGB input.

- (5) REC button
- (6) STOP button
- (7) Audio level adjustment bar
- (8) Image quality adjustment box

You can adjust the image quality (hue, brightness, etc.) of the video source. The adjustments made here are reflected during capture. Normally, use the default values.

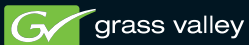
Capture Procedure

Use the following procedure to capture.

- (1) Select the video source for the input from the video source selection box.
- (2) Select the save destination for the file from the file save destination selection box.
- (3) Click the REC button to start capture.
- (4) Click the STOP button to stop capture.

Specifications

Video Input Connectors	Pin jack (Composite/yellow) S connector (4-pin mini-DIN) SCART (Composite/S-Video/RGB)
Supported Video Format	NTSC: 720 X 480i, 59.94 PAL: 720 X 576i, 50
Audio Input Connectors	Pin jack (stereo 1 system/red and white) SCART (The audio input and SCART are directly connected.)
USB Interface	USB B port (USB 2.0 Hi-speed)
Power Specifications	5V 500mA (USB bus power)
Dimension	W85 X L80 X H30mm
Weight	Approx. 120g
Ambient Temperature Operating	+0°C to +45°C
Ambient Humidity	10 to 80% (no condensation)



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