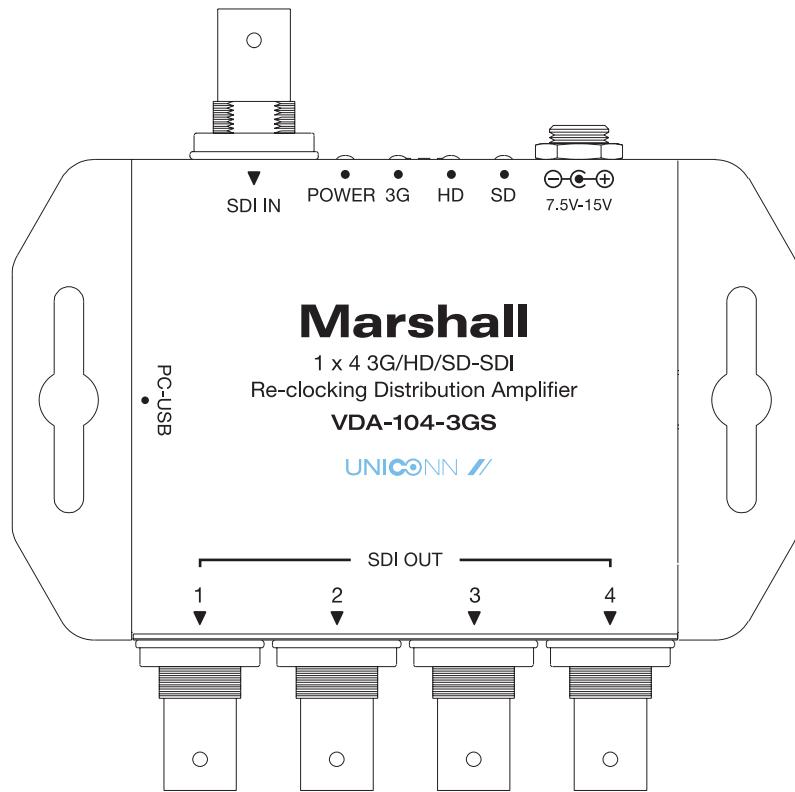


VDA-104-3GS

1 x 4 3G/HD/SD-SDI
Re-clocking Distribution Amplifier



User Manual

INTRODUCTION

The VDA-104-3GS provides reclocking distribution of an SDI video input signal to four SDI outputs. The input type, whether SDI, HD SDI or 3G SDI is auto detected and displayed via LED indicators.

FEATURES

- **Supports 270Mb/s, 1.485Gb/s, and 2.97Gb/s data rates**
- **Supported video formats:**
 - SD: 480i59.94 "NTSC", 576i50 "PAL"
 - HD: 720p24, 25, 30, 50, 59.94, and 60
 - 1080i50, 59.94, and 60
 - 1080p24, 25, and 30
 - 3G: 1080p50, 59.94 and 60. **Supports Level A and B.**
 - 2K: 2048x1080p24 and 30
- **Supported audio format up to 8 channels, 24-bit, and 48KHz**
- **Reclocking function reshapes the signal to improve transmission distance**
- **Video format LED indication**
- **Compact metal housing with mounting ears**

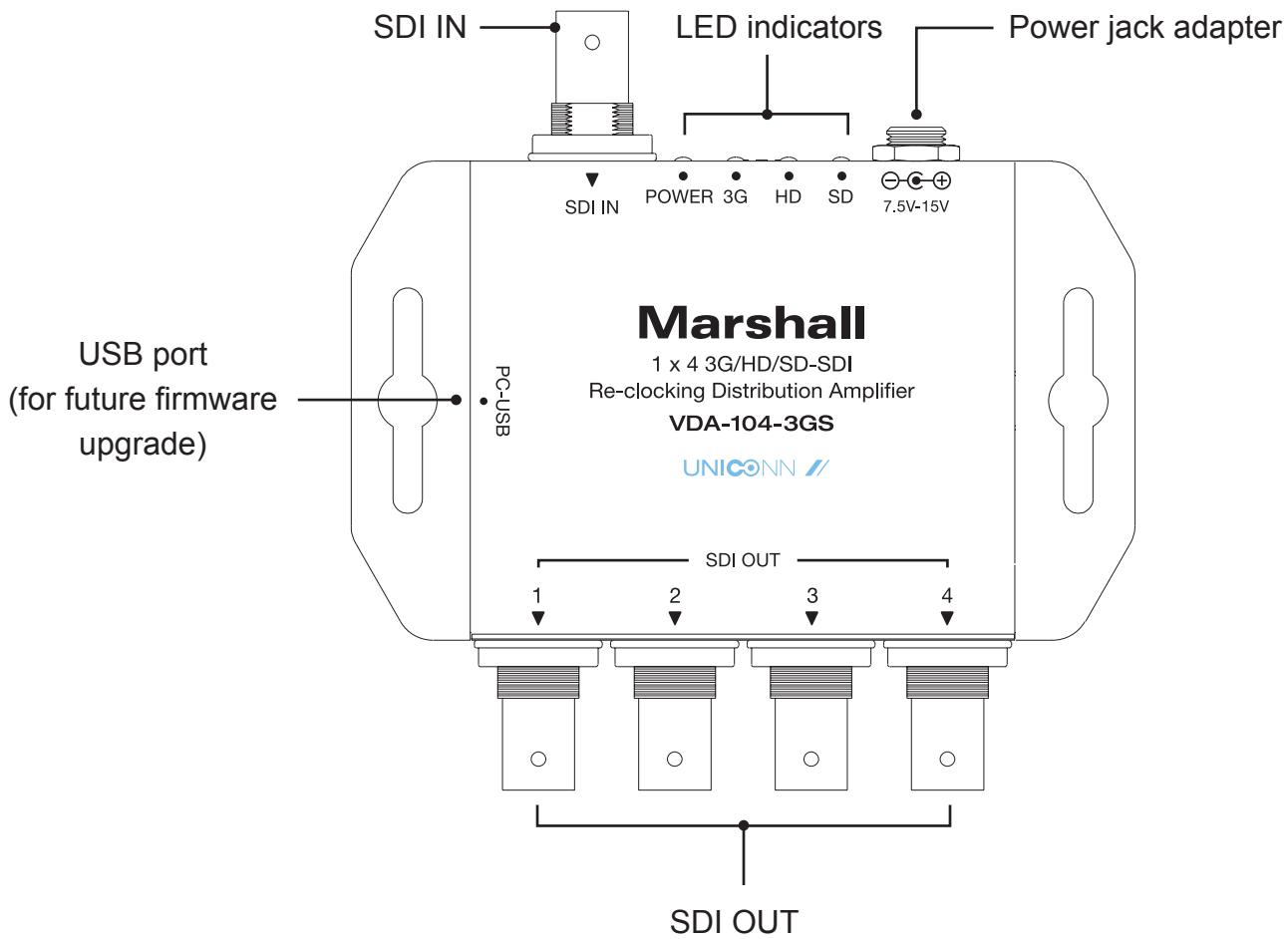
PACKAGE CONTENTS

- **VDA-104-3GS unit**
- **Power adapter**
- **User Manual**

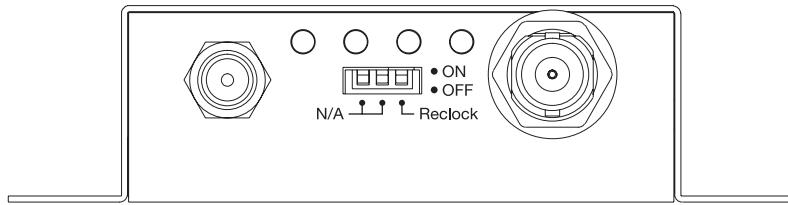
HARDWARE INSTALLATION

1. Connect source device (such as a camera) to the SDI IN connector.
2. Connect the destination devices (such as displays, recorders, switchers) to the SDI OUT connectors.
3. Connect the power adapter to the VDA-104-3GS.
4. Confirm that each destination device is receiving an input signal

LAYOUT



DIP SWITCH



- **Reclock ON:** The VDA-104-3GS retransmits the incoming SDI signal after reclocking/reshaping and level boosting.
- **Reclock OFF:** The VDA-104-3GS retransmits the incoming SDI signal without reclocking or level boosting.
- **N/A:** These two switches have no function.

WARRANTY

Marshall Electronics warranties to the first consumer that this VDA-104-3GS, 1x4 3G-SDI Splitter will, under normal use, be free from defects in workmanship and materials, when received in its original container, for a period of one year from the purchase date. This warranty is extended to the first consumer only, and proof of purchase is necessary to honor the warranty. If there is no proof of purchase provided with a warranty claim, Marshall Electronics reserves the right not to honor the warranty set forth above. Therefore, labor and parts may be charged to the consumer. This warranty does not apply to the product exterior or cosmetics. Misuse, abnormal handling, alterations or modifications in design or construction void this warranty.

No sales personnel of the seller or any other person is authorized to make any warranties other than those described above, or to extend the duration of any warranties on behalf of Marshall Electronics, beyond the time period described above.

Due to constant effort to improve products and product features, specifications may change without notice.

Marshall Electronics, Inc.

1910 East Maple Ave. El Segundo, CA 90245

Tel: (800) 800-6608 / (310) 333-0606 • Fax: 310-333-0688

www.LCDracks.com • support@marshall-usa.com