

Kalypso

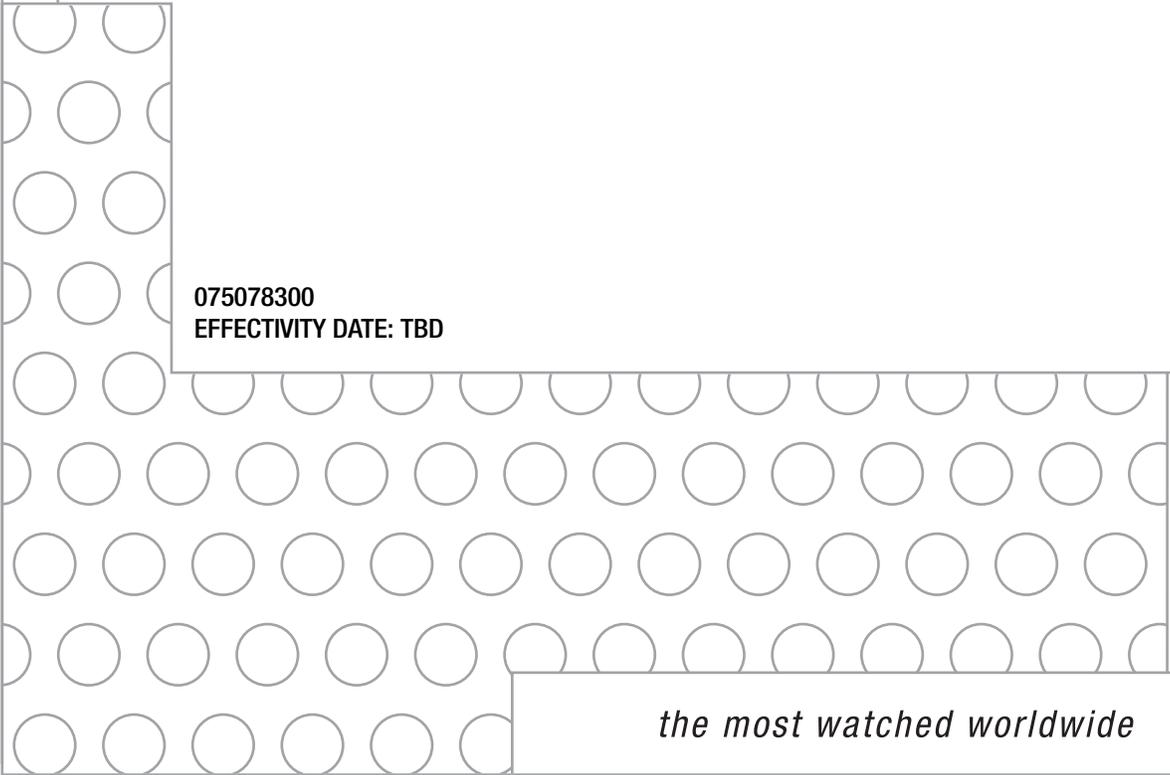
VIDEO PRODUCTION CENTER
New Source Name Display Hardware

Field Modification Note



REFERENCE ECO: 069N

075078300
EFFECTIVITY DATE: TBD



the most watched worldwide

Contacting Grass Valley

Region	Voice	Fax	Address	Web Site
North America	(800) 547-8949 Support: 530-478-4148	Sales: (530) 478-3347 Support: (530) 478-3181	Grass Valley P.O. Box 599000 Nevada City, CA 95959-7900 USA	www.thomsongrassvalley.com
Pacific Operations	+852-2585-6688 Support: 852-2585-6579	+852-2802-2996		
U.K., Asia, Middle East	+44 1753 218 777	+44 1753 218 757		
France	+33 1 45 29 73 00			
Germany, Europe	+49 6150 104 782	+49 6150 104 223		

Copyright © Grass Valley. All rights reserved.

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.

FMN 075078300

New Source Name Display Hardware

Note You must be running Kalypso 12.0.2 or newer software to select the Source Name Display hardware type. Earlier software versions lack this feature.

Introduction

The Source Name Display (SND) hardware used on the Kalypso 4-M/E, 2-M/E and 1-M/E Main panels and the Kalypso Remote Aux Panel has changed. The hardware previously used is no longer available. The new SND hardware is physically and electrically compatible with Kalypso systems, but may require software calibration to properly display text.

New Kalypso systems ship with new Source Name Display hardware installed and are set at the factory for the correct hardware type.

Individual Source Name Displays shipped as replacement parts will be the new hardware. If an older display is replaced with a newer one, it will require calibration. An incorrectly calibrated display will show misaligned or duplicated text.

Source displays are adjusted for readability at the factory before shipment. These displays can be adjusted to match a facility's ambient lighting. Once set, the source name display should not need to be re-adjusted, but can be should a display's illumination drift over time.

Source Name Display Installation

The Source Name display installation procedure for the Main panel is included in the *Kalypso Installation and Service Manual*. This information is included here for convenience.

Note Stand-Alone Local Aux panel and 1-M/E Main panels are not serviceable in the field. If Source Name Displays in these panels require replacement the units must be returned to the factory. Contact Grass Valley Customer Support for specific information.

Preparation

Have the following tools available for the installation procedure:

- Number 10 and Number 15 Torx screwdrivers, and
- A 3/16-inch nut driver.

Installation

One Source Name Display assembly mounts to the component side of each Crosspoint board. There are four Crosspoint boards per M/E row. The following procedure describes the installation for one M/E; the installation is the same for each M/E. Complete one M/E installation before beginning the next.

CAUTION Do not drop any loose hardware into the panel tub or panel circuitry during the install process.

CAUTION Use care when lining up connector pins prior to mating them to avoid breaking pins or damaging circuitry when power is applied.

1. Open the Main panel. Turn off the Main panel AC power.
2. Disconnect and remove the single 10-pin header ribbon cable that connects to each Crosspoint board and the Transition board (total of five connections). Retain the cable.
3. Disconnect and remove the short 40-pin interconnecting ribbon cables that connect the Crosspoint boards to each other. These cables are located at the right edge of each board. Retain these cables.
4. Remove the six Torx head screws from each Crosspoint board and place each board on a static-free work surface as it is removed.
5. Remove the existing SND (six #10 torx screws) from each Crosspoint board. If a blank cover is present remove it from each Crosspoint board (using a nut driver to remove four nuts with washers) and then discard the blank cover.
6. Mate the J1 connector on the Source Name Display board to the J5 connector on the component side of the Crosspoint board. Use the standoff mounting holes in the Crosspoint board as a visual reference while mating the connectors.
7. Use the #10 Torx screwdriver to attach the Source Name Display board to the Crosspoint board with the six supplied screws.
8. Remove the protective film overlay from each of the Source Name Display segments.
9. Re-install each of the Crosspoint boards in the Main panel with the same screws that were used to remove them.

10. Re-install the 40-pin interconnecting ribbon cables.
11. Re-install the single 10-pin ribbon cable to each Crosspoint board and to the Transition board.
12. Turn on the Main panel power and close the panel.

Source Name Display Adjustments

4-M/E and 2-M/E Main Panels

Source name display LCD contrast can be adjusted and the hardware type installed can be set on each eight source segment on the Main panel.

1. Press and hold down the **Unshift**, **Shift**, **Near Side**, and **Far Side** buttons on M/E 1 for five seconds to bring up the Top Menu on the PGM PST source name display. The source buttons labeled **IP Config**, **Disply Adj**, **Calibrate**, and **EXIT** will illuminate.

Note Since contrast and viewing angle are interdependent, it is recommended that you stand or sit in front of the panel in a position that suits normal panel operation while adjusting LCD contrast.

2. Press **Disply Adj** to enter the source name display contrast adjustment mode. In this mode the **Key Split** button flashes, and the right two source buttons of each segment go high tally. These source buttons will be labeled **Up**, **Down**, and have a number readout on the left (assuming the contrast is already adjusted for readability).
3. Pressing the **Up** source button increases the opacity for that segment, and increments the number readout one step. Pressing the **Down** button does the opposite. Holding down a button does not scroll the settings. The system beeps when a control reaches its upper or lower limit (the display will not be readable at that time).
4. With the contrast adjusted for text readability, you can now select which type of source name display hardware is installed. Each display has one high tally button labeled either **Old** or **New**. If the text does not display properly, touch that button to select the other hardware setting.
5. After making contrast adjustments and hardware type selections on the panel, press the flashing **Key Split** button to return to the Top Menu.
6. Press **Exit** to exit the Top Menu. The Main panel automatically reboots and returns to normal operation.

Local Aux Panel (4-M/E Stand Alone or 2-M/E Integrated)

1. Press and hold down the **Unshift, Shift, Near Side**, and **Far Side** buttons on the upper Local Aux panel bank for five seconds to bring up the Top Menu on the Local Aux panel.

Note The four button hold-down on the lower Local Aux panel bank does not activate the calibration mode. You must use the buttons on the upper bank.

2. The source buttons labeled **IP Config, Dsply Adj, Calibrate**, and **EXIT** will illuminate on the Local Aux panel. Follow [Step 2](#) through [Step 6](#) of the 2 or 4-M/E calibration procedure on [page 5](#) to adjust the display contrast and select the hardware type.

1-M/E Main Panel

1. Press and hold down the **Unshift, Shift, Near Side**, and **Far Side** Source Select Modifier buttons for about five seconds. The source name display will read **Top Menu** on the left, with lighted source buttons on the right labeled **IP Config, Dsply Adj, Calibrate**, and **Exit**.
2. Press the **Dsply Adj** button to place the panel in display adjust mode. In this mode you use three Menu soft knobs to adjust the backlight of both source name displays, and adjust the contrast of the individual left and right displays. Be sure your adjustments are made under the lighting conditions used during production.
3. Turn the labeled knob to adjust backlight and contrast. The adjustment range is limited and the location of this range varies for individual display hardware, so there are no recommended values. Knob response is slow and the illumination level of the displays also changes slowly. Allow time for the settings to take effect.
4. With the contrast adjusted for text readability, you can now select which type of source name display hardware is installed. Each display has one high tally button labeled either **Old** or **New**. If the text does not display properly, touch that button to select the other hardware setting.
5. After making contrast adjustments and hardware type selections on the panel, press the flashing **Key Split** button to return to the Top Menu.
6. Press **Exit** to exit the Top Menu. The Main panel automatically reboots (**PNL RST ING** is displayed), using the new settings if they were saved.