



CNX-RMC(LV) Elexos Installation Standards

Date: July 13, 2004

Summary:

The included drawings AV3.1 – AV3.6 provide a detail view of the front and rear connections on Crestron CNX-RMC and CNX-RMCLV Room Boxes.

Since these two devices are highly configurable and the configuration affects the control system programming, standards for the most common installation scenarios have been developed to simplify the coordination of the installation and programming.

A dealer working with Elexos should install the room boxes according to the drawings that best represent their project's video distribution scenario. See descriptions below.

CNX-RMCLV Room Boxes allow for many additional configuration options and capabilities. Coordinate specific system requirements with your Elexos Project Lead.

Unused Ports: Typically not all of the connections shown in the drawings will be used. Please note however, that each port has been assigned to a specific type of device (Displays, DVD Players, Audio Video Receivers.) and should **not** be changed (e.g. for a display that does not have RS-232 control, IR port "A" on the RMCLV should be used. For a display with RS-232, do not attach any other device to IR port "A").

Color Code: The color code representing the cable/signal types required for the installation is shown on each drawing. Deviating from the color code may result in improper signal distribution.

Compatibility: CNX-RMC(LV) Room boxes are designed to be part of a larger distribution system. Proper configuration and installation of other system equipment is required for proper signal distribution using these Installation Standards.

CNX-RMCLV drawings (AV3.1 – AV3.3):

AV3.1 Drawing AV3.1 shows the front of an RMCLV in a system distributing Composite and Component Video. This is the most typical scenario for residential video distribution.

AV3.2 Drawing AV3.2 shows the front of an RMCLV in a system distributing Composite and S-Video. This scenario is typically only used in systems with no high-definition displays and a large number of standard definition sources.

AV3.3 Drawing AV3.3 shows the rear of an RMCLV. Regardless of the video formats being distributed, these connections should be configured as shown.

CNX-RMC drawings (AV3.4 – AV3.6):

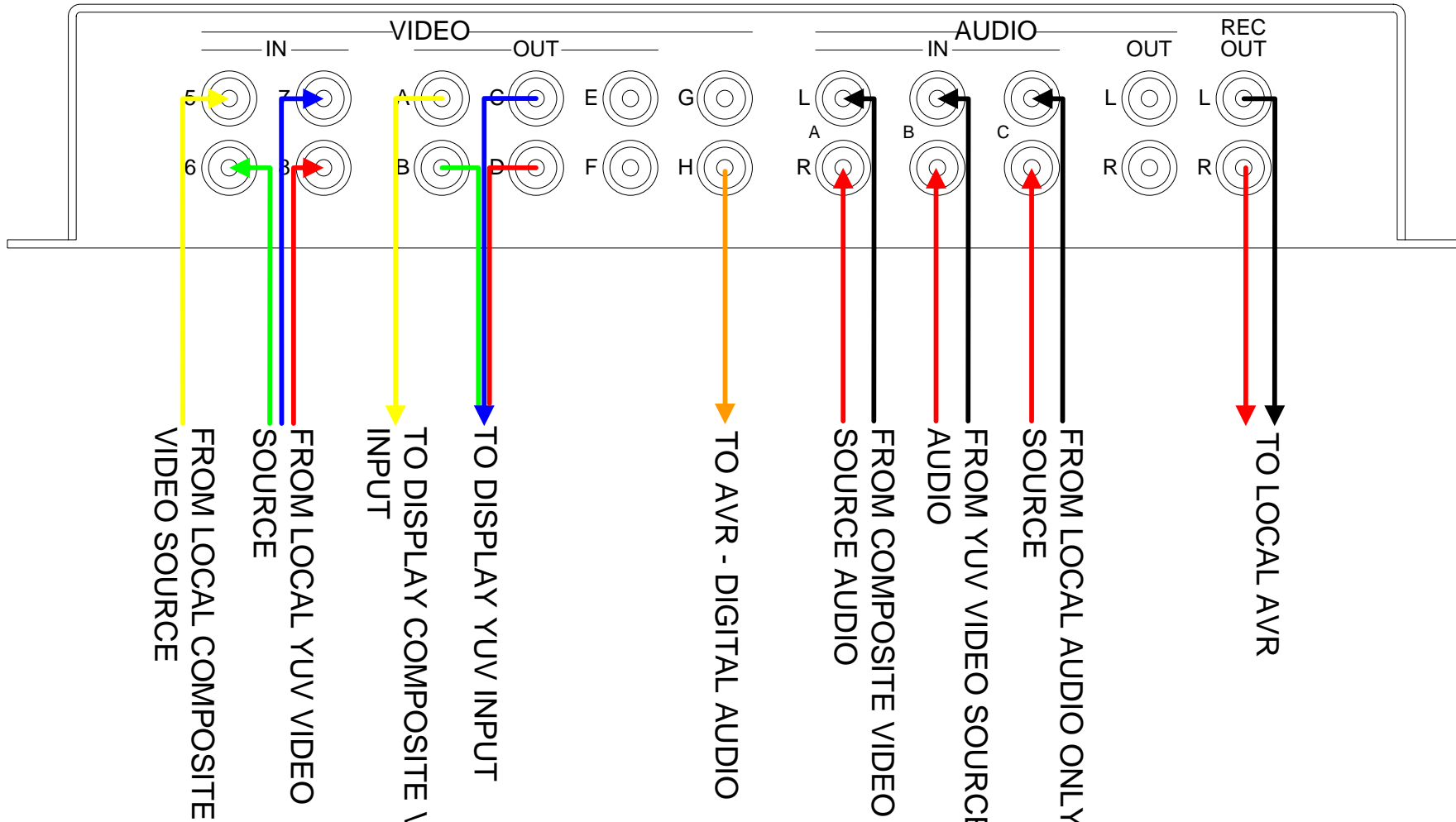
AV3.4 Drawing AV3.4 shows the front of an RMC in a system distributing Composite and Component Video. This is the most typical scenario for video distribution.

AV3.5 Drawing AV3.5 shows the front of an RMC in a system distributing Composite and S-Video. This scenario is typically only used in systems with no high-definition displays and a large number of standard definition sources.

AV3.6 Drawing AV3.6 shows the rear of an RMC. Regardless of the video formats being distributed, these connections should be configured as shown.

CNX-RMCLV – DETAIL (FRONT)

TYPICAL OF YUV AND COMPOSITE VIDEO DISTRIBUTION



CABLE TYPES – COLOR CODE

- ANALOG AUDIO - LEFT
- ANALOG AUDIO - RIGHT
- S/PDIF DIGITAL AUDIO
- COMPONENT VIDEO
- COMPONENT VIDEO
- COMPONENT VIDEO
- COMPOSITE VIDEO



CLIENT CODE: ELEXOS CORP.
 PROJECT NAME: SAMPLE INSTALLATION
 LOCATION: ROSEMONT, IL

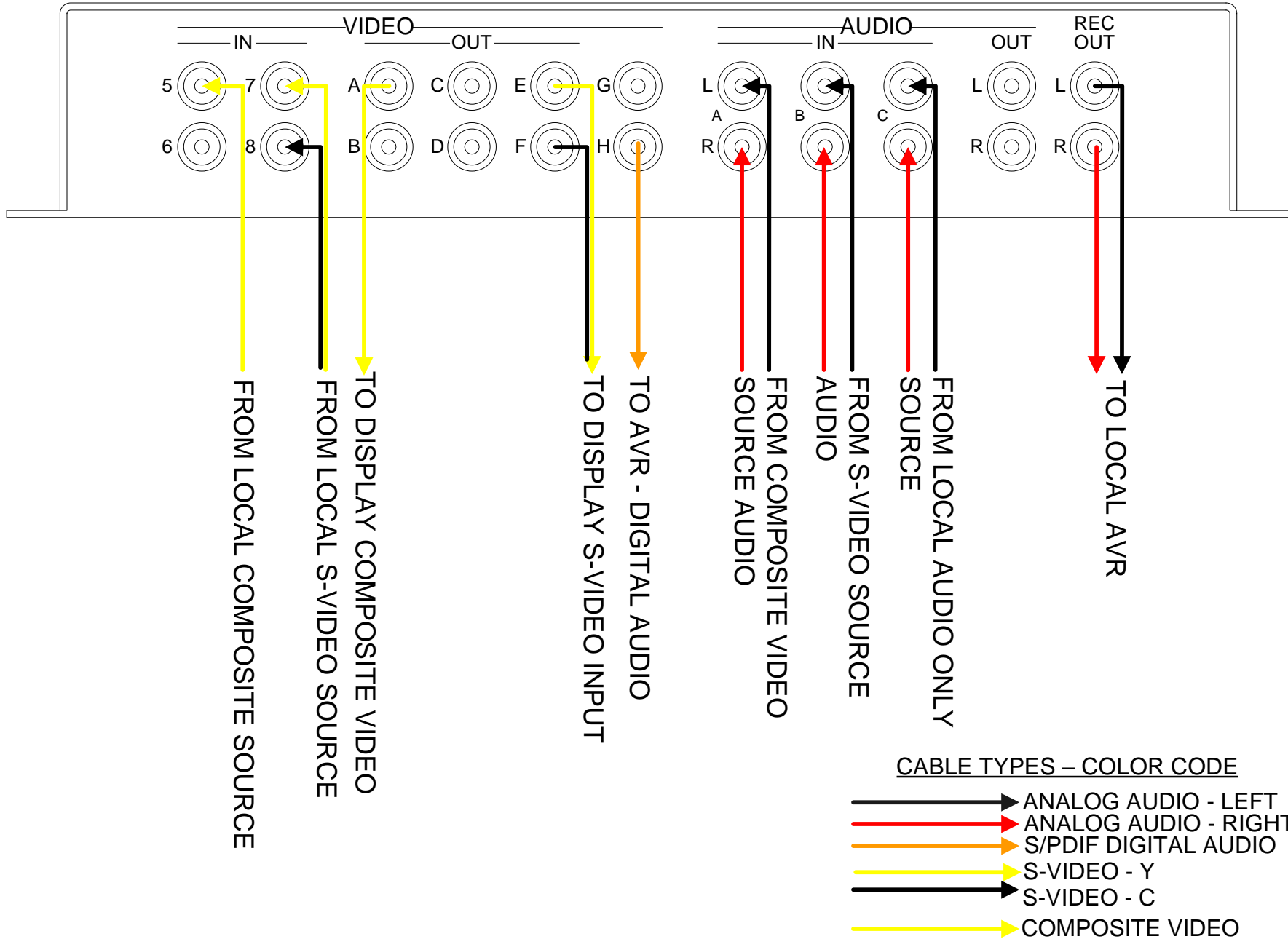
TITLE
 CNX-RMCLV
 CONFIGURATION

SCALE: DATE:
 NTS 7/6/2004
 DRAWN BY: FILE:
 John Gordon Bx11_hoopkps.vsd

SHEET
 AV3.1

CNX-RMCLV – DETAIL (FRONT)

TYPICAL OF S-VIDEO AND COMPOSITE VIDEO DISTRIBUTION

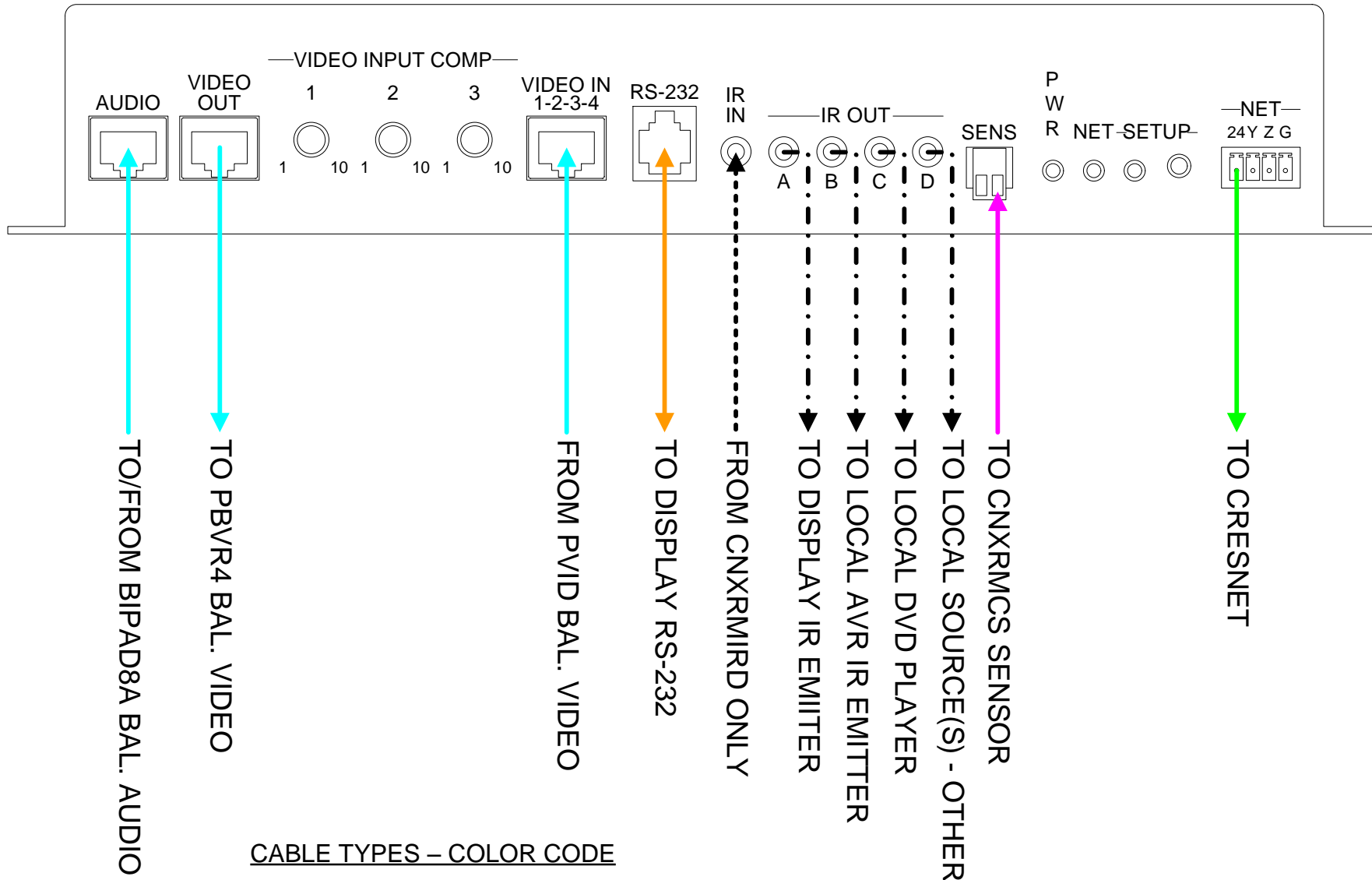


CLIENT CODE: ELEXOS CORP.
 PROJECT NAME: SAMPLE INSTALLATION
 LOCATION: ROSEMONT, IL

TITLE: CNX-RMCLV CONFIGURATION
 SCALE: NTS DATE: 7/13/2004
 DRAWN BY: John Gordon FILE: Bx11_hookups.vsd

SHEET
AV3.2

CNX-RMCLV – DETAIL (REAR)



CABLE TYPES – COLOR CODE

- BALANCED A/V – CAT5E
- CUSTOM RS-232 CABLING
- CONTROL CABLING
- SENSOR WIRING
- CRESNET 24,Y,Z,G



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PROJECT NAME: SAMPLE INSTALLATION
LOCATION: ROSEMONT, IL

TITLE
 CNX-RMCLV
 CONFIGURATION

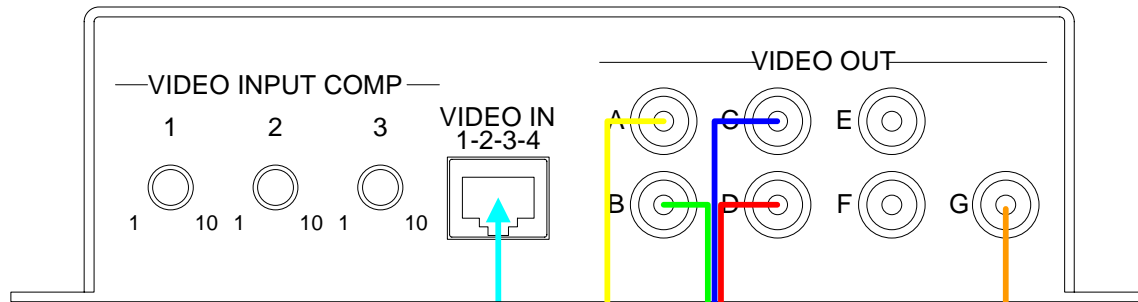
SCALE: NTS
DATE: 7/13/2004
DRAWN BY: John Gordon
FILE: 8x11_hookups.vsd

SHEET









AV3.3

CNX-RMC – DETAIL (FRONT)

TYPICAL OF YUV AND COMPOSITE VIDEO DISTRIBUTION



CABLE TYPES – COLOR CODE

-  ANALOG AUDIO - LEFT
-  ANALOG AUDIO - RIGHT
-  S/PDIF DIGITAL AUDIO
-  COMPONENT VIDEO
-  COMPONENT VIDEO
-  COMPONENT VIDEO
-  COMPOSITE VIDEO
-  BALANCED A/V – CAT5E

FROM PVID BAL. VIDEO

TO DISPLAY COMPOSITE VIDEO INPUT

TO DISPLAY YUV INPUT

TO AVR - DIGITAL AUDIO



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PROJECT NAME: SAMPLE INSTALLATION
LOCATION: ROSEMONT, IL

TITLE
CNX-RMC
CONFIGURATION

SCALE: DATE:
NTS 7/13/2004

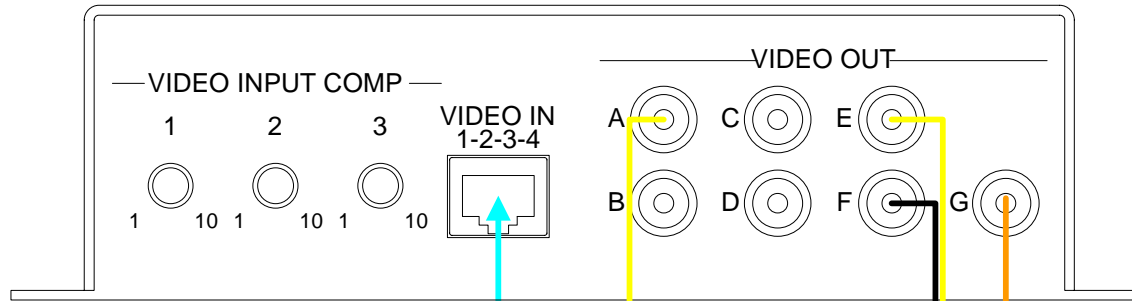
DRAWN BY: FILE:
John Gordon Bx11_hookups.vsd

SHEET




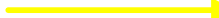



AV3.4

CNX-RMC – DETAIL (FRONT)

TYPICAL OF S-VIDEO AND COMPOSITE VIDEO DISTRIBUTION



CABLE TYPES – COLOR CODE

-  ANALOG AUDIO - LEFT
-  ANALOG AUDIO - RIGHT
-  S/PDIF DIGITAL AUDIO
-  S-VIDEO - Y
-  S-VIDEO - C
-  COMPOSITE VIDEO
-  BALANCED A/V – CAT5E

FROM PVID BAL. VIDEO

TO DISPLAY COMPOSITE VIDEO

TO DISPLAY S-VIDEO INPUT

TO AVR - DIGITAL AUDIO



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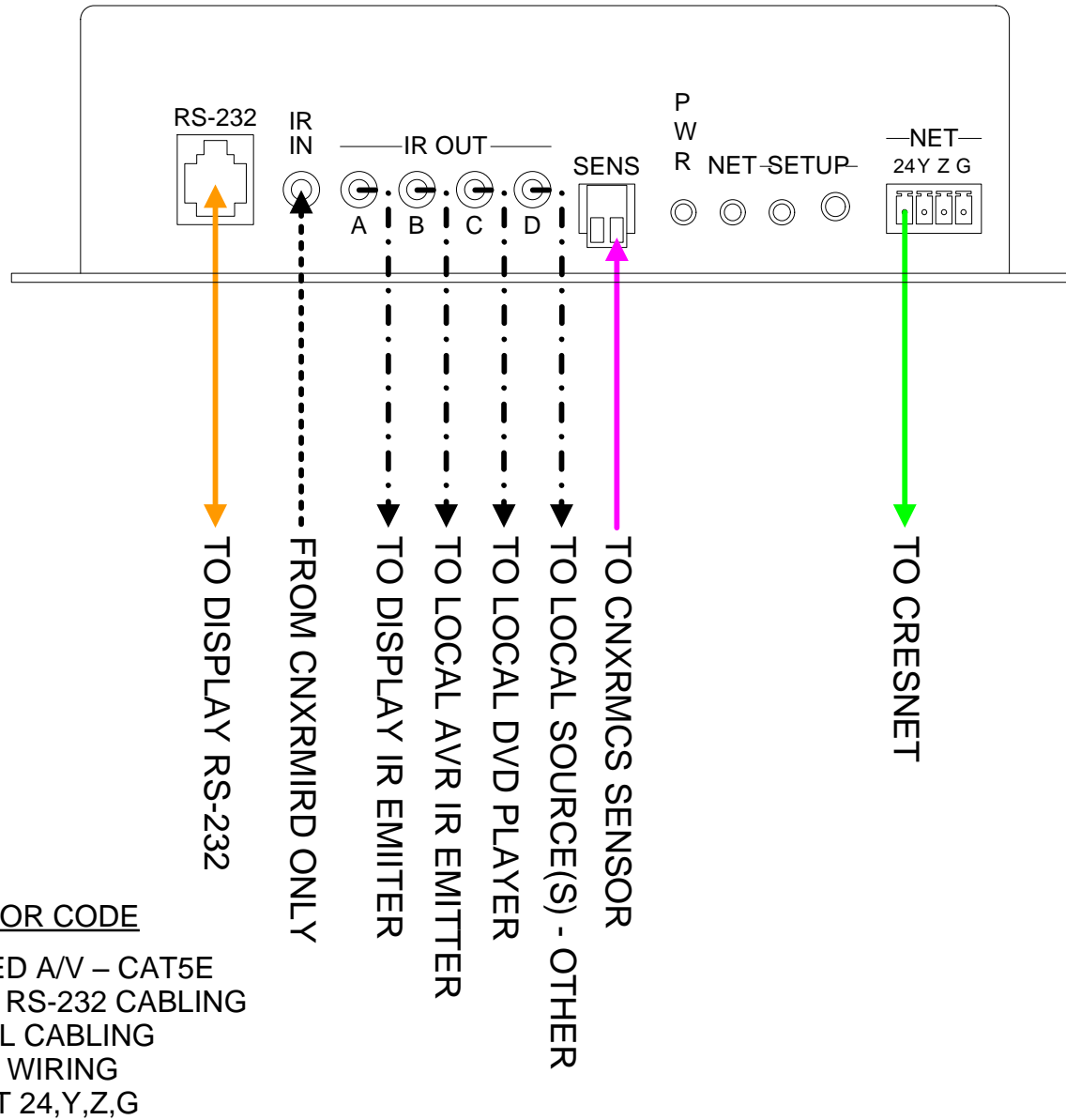
TITLE
CNX-RMC
CONFIGURATION

SCALE: DATE:
NTS 7/13/2004
DRAWN BY: FILE:
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SHEET

AV3.5

CNX-RMC – DETAIL (REAR)



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TITLE
 CNX-RMC
 CONFIGURATION

SCALE: DATE:
 NTS 7/13/2004
 DRAWN BY: FILE:
 John Gordon Bx11_hookups.vsd

SHEET

AV3.6