

# Release Notes

software release **1.5.2**

**071815302**

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**ENCORE**  
CONTROL SYSTEM

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**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.

Version **1.5.2**

November 2002

# *Encore Control System Release Notes*

The information in this document addresses changes from Encore Control System software release version 1.5.1 to version 1.5.2. Any last minute changes to the software release will be documented in a readme.txt file found on the Software CD-ROM.

The information for software upgrade or installation is located in the *Encore Control System User Manual*. When installing an upgrade, it is not necessary to uninstall any files, just install the new version of software over the old.

## **Enhancements**

### **Concerto 100/10Base-T Controller**

Concerto now has two Controller modules. The original Controller is labeled **CRS2001 CONTROLLER 6716381-xx** with an Ethernet interface of 10Base-T. The newer Controller is labeled **CRS2001 FAST CONTROLLER 6716434-xx** with an Ethernet interface of 10/100Base-T. Do not mix Controller types in a single matrix. Encore Control Systems Software Version 1.5.2 and later supports the 10/100Base-T matrix controller.

## **Encore Software**

### **RCL (Router Control Language)**

Only Native Protocol Clients are supported with Encore Control System software version 1.5.2 or earlier.

#### **Clients**

The maximum number of RCL clients has been increased from 17 to 64.

## Level Exclusions

RCL Level exclusions are supported in this release.

# Encore Control Frame

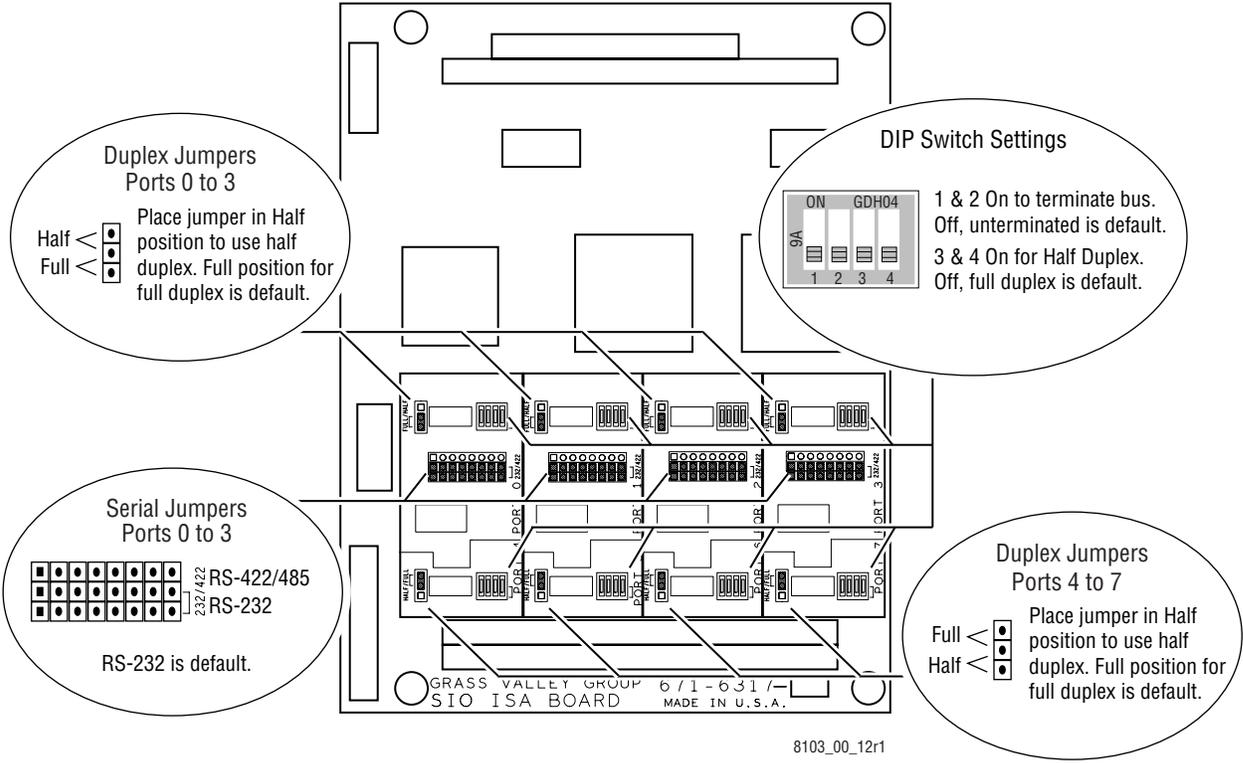
## SIO ISA Mezzanine Settings

There are eight RJ45 ports controlled by the SIO ISA mezzanine. On the mezzanine the ports are labelled 0 to 7. See [Table 1](#) for port assignments and signal types. Each port has a Duplex Jumper, which allows you to choose Half or Full Duplex. The default setting is **Full**, if you want to use the **Half** setting you must also change the DIP switch setting. The DIP switch has four switches, the **Off** position is default for all of the switches. Switch 1 and 2 must be put in the **On** position whenever a port is used, this will terminate the bus. The **Off** position is only for unused ports; if you try to connect to an unterminated port you will have problems. Switch 3 and 4 are set in the **On** position if the **Half** position is selected for the Duplex Jumper. The default for the first four ports is RS-232, to set these ports to RS-422/485 set all eight jumpers on each port to the 422 position. See [Figure 1](#) for jumper and DIP switch locations.

Table 1. SIO ISA Ports

Port Number on Mezzanine	Port Number on Frame	RS-232	RS-422/485
0	1	Yes	Yes
1	2	Yes	Yes
2	3	Yes	Yes
3	4	Yes	Yes
4	5	No	Yes
5	6	No	Yes
6	7	No	Yes
7	8	No	Yes

Figure 1. SIO ISA Port Jumpers and DIP Switches



### Com 1 and Com 2

Com 1 is the Console port (RS-232) and Com 2 is the RCL Client interface (RS-422/485). These two connections are to the System Control processor.

# Error Codes for Router Control Language (RCL) and Native Protocols

The following error codes remain the same as documented in the *Routing Products Protocol Manual*. For ease of use, we've added the hexadecimal equivalents to the decimal codes originally listed in the *Protocol Manual*.

Table 1. Level 4 Error Codes for Router Control Language and Native Protocols

Decimal	Hexadecimal	Meaning	Decimal	Hexadecimal	Meaning
1	1	Directed Response Error	133	85	Parse EOT missing
2	2	Unknown Error Code	134	86	Parse HT missing
3	3	System Error	135	87	Parse Bad Protect Flag
4	4	System Table Error	136	88	Parse Bad Dst Name
5	5	Not Implemented	137	89	Parse Bad Src Name
6	6	Semaphore Create Error	138	8A	Too Many Sources
7	7	Semaphore Give Error	139	8B	Bad Parameter
8	8	Semaphore Take Error	140	8C	Bad Mask
66	42	Unknown Dest Name	141	8D	Unknown Tag For RCL <sup>a</sup>
67	43	Unknown Source Name	142	8E	Chksum Lvl4 Err
68	44	Unknown Salvo name	143	8F	Lvl4 Embedded SOH Err
69	45	Bad Level Bit Map	144	90	Lvl4 Embedded EOT Err
70	46	Invalid Control Level	145	91	Bad Dst Index
71	47	Panel Locked	146	92	Unknown Dst Index
72	48	Chop Lock	147	93	Bad Src Index
73	49	Salvo Lock	148	94	Unknown Src Index
74	4A	No Monitor Control	149	95	Bad Level Index
75	4B	Send To MCPPU Error	150	96	Invalid Ctl Lvl Index
76	4C	Redirect CoProc Msgs Err	151	97	Level Not In Destination
77	4D	Assignments Not Enabled	152	98	Rooms Not Enabled
78	4E	New Net Detected, But Not Active	153	99	Room Count Is Zero
79	4F	Previously Detected Net Now Not Active	154	9A	No Dest Status Exists
128	80	Unknown Command	155	9B	Err Trying To Set Time in MCPPU
129	81	CL-CMD Disabled	156	9C	Date format error
130	82	Bad CL-CMD Syntax	157	9D	Time format error
131	83	Bad Nbr of Sources	158	9E	Parse Bad Salvo Name
132	84	BadError Code			

<sup>a</sup> This code is valid only in RCL Protocol, it will not appear in Native Protocol.





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