

3. Click **Refresh**.

A list of all RCP panels on the network is shown.

4. Select the RCP panel that you want to set up.

Tip: If you do not know which RCP is the one you want to set up, click **Locate** for each RCP until the buttons on your RCP panel start flashing. Click **Locate** again to stop the buttons flashing.

5. Enter the IP Address (**Address**), netmask (**Netmask**), and gateway (**Gateway**) you want to assign to the panel.

Tip: You can also enter a name (**Name**) for the panel if you want.

6. Click **Reboot** to reboot the panel and apply the new network settings.

When the panel reboots with the new network settings it should be discovered by DashBoard and appear in the **Basic Tree View**.

7. Double-click the RCP node in the **Basic Tree View** to open the configuration window.

8. In the **Servers to connect to** area, enter the IP address of the NK-IPS that you want to connect it to.

9. Click **Send Configuration**.

Remote Control Panel Interface

From the Ross RCP-NK1 Remote Panel, you can select video sources on Aux, Program, Preview, and Key buses on the switcher, and run custom controls.

To Select a Source on a Bus from the Remote Panel

1. Select the level on the Remote Control Panel that is assigned to the switcher.
2. Select the button on the output section of the Remote Panel that corresponds to the output BNC on the switcher. Refer to the output mapping table for your switcher.
3. Select the button on the input section of the Remote Panel that corresponds to the source on the switcher you want to select. Refer to the input mapping table for your switcher.

Selecting an input (or source) on the Remote Panel acts like a selection of that source on the bus of the switcher.

Router Panel Output/Input Mapping

Note: The mapping for the Carbonite Black operating in a UHDTV1 video format is different from it operating in an SD/HD format.

Note: PGM ME refers to the ME that is set at the program ME on the switcher, and could be ME 1 or ME 2, depending on the configuration of your switcher.

Table 1: Router Control Panel Output Mapping

Router Output	Carbonite	Graphite	Carbonite Black SD/HD	Carbonite Black UHDTV1
1-8	Aux 1-8			
9-10	--	Aux 9-10		
11-20	--	Aux 11-20	--	
61	MiniME™ 1 Program			
62	MiniME™ 1 Preview			
63	MiniME™ 1 Key 1 Video+Alpha			
64	MiniME™ 1 Key 2 Video+Alpha			
65	MiniME™ 1 Key 1 Alpha			
66	MiniME™ 1 Key 2 Alpha			
67	MiniME™ 2 Program			
68	MiniME™ 2 Preview			
69	MiniME™ 2 Key 1 Video+Alpha			
70	MiniME™ 2 Key 2 Video+Alpha			
71	MiniME™ 2 Key 1 Alpha			
72	MiniME™ 2 Key 2 Alpha			
73	MiniME™ 3 Program			--
74	MiniME™ 3 Preview			--
75	MiniME™ 3 Key 1 Video+Alpha			--
76	MiniME™ 3 Key 2 Video+Alpha			--
77	MiniME™ 3 Key 1 Alpha			--
78	MiniME™ 3 Key 2 Alpha			--
79	MiniME™ 4 Program			--
80	MiniME™ 4 Preview			--
81	MiniME™ 4 Key 1 Video+Alpha			--
82	MiniME™ 4 Key 2 Video+Alpha			--
83	MiniME™ 4 Key 1 Alpha			--
84	MiniME™ 4 Key 2 Alpha			--
85	MultiScreen 1 Program			--



Router Output	Carbonite	Graphite	Carbonite Black SD/HD	Carbonite Black UHDTV1
86	MultiScreen 1 Preview			--
87	MultiScreen 1 Key 1 Video+Alpha			--
88	MultiScreen 1 Key 2 Video+Alpha			--
89	MultiScreen 1 Key 1 Alpha			--
90	MultiScreen 1 Key 2 Alpha			--
91	MultiScreen 2 Program			--
92	MultiScreen 2 Preview			--
93	MultiScreen 2 Key 1 Video+Alpha			--
94	MultiScreen 2 Key 2 Video+Alpha			--
95	MultiScreen 2 Key 1 Alpha			--
96	MultiScreen 2 Key 2 Alpha			--
97	PGM ME Program			
98	PGM ME Preview			
99	PGM ME Key 1 Video+Alpha			
100	PGM ME Key 2 Video+Alpha			
101	PGM ME Key 3 Video+Alpha			
102	PGM ME Key 4 Video+Alpha			
105	PGM ME Key 1 Alpha			
106	PGM ME Key 2 Alpha			
107	PGM ME Key 3 Alpha			
108	PGM ME Key 4 Alpha			
111	ME 1 Program			
112	ME 1 Preview			
113	ME 1 Key 1 Video+Alpha			
114	ME 1 Key 2 Video+Alpha			
115	ME 1 Key 3 Video+Alpha			
116	ME 1 Key 4 Video+Alpha			
119	ME 1 Key 1 Alpha			
120	ME 1 Key 2 Alpha			
121	ME 1 Key 3 Alpha			
122	ME 1 Key 4 Alpha			
125	ME 2 Program			--
126	ME 2 Preview			--
127	ME 2 Key 1 Video+Alpha			--
128	ME 2 Key 2 Video+Alpha			--
129	ME 2 Key 3 Video+Alpha			--
130	ME 2 Key 4 Video+Alpha			--
133	ME 2 Key 1 Alpha			--
134	ME 2 Key 2 Alpha			--

Router Output	Carbonite	Graphite	Carbonite Black SD/HD	Carbonite Black UHDTV1
135	ME 2 Key 3 Alpha			--
136	ME 2 Key 4 Alpha			--
139	ME 3 Program	--	ME 3 Program	--
140	ME 3 Preview	--	ME 3 Preview	--
141	ME 3 Key 1 Video+Alpha	--	ME 3 Key 1 Video+Alpha	--
142	ME 3 Key 2 Video+Alpha	--	ME 3 Key 2 Video+Alpha	--
143	--	--	ME 3 Key 3 Video+Alpha	--
144	--	--	ME 3 Key 4 Video+Alpha	--
147	ME 3 Key 1 Alpha	--	ME 3 Key 1 Alpha	--
148	ME 3 Key 2 Alpha	--	ME 3 Key 2 Alpha	--
149	--	--	ME 3 Key 3 Alpha	--
150	--	--	ME 3 Key 4 Alpha	--
167	--	--	--	CK1 Video
168	--	--	--	CK2 Video

Table 2: Router Control Panel Input Mapping

Router Input	Carbonite	Graphite	Carbonite Black SD/HD	Carbonite Black UHDTV1
1-9	Input 1-9			
10-13	Input 10-13			--
14-24	Input 14-24	--	Input 14-24	--
25-36	--	--	Input 25-36	--
149	Media-Store 1			
150	Media-Store 2			
151	Media-Store 3			--
152	Media-Store 4			--
169	Black			
170	Matte			
176	PGM ME Program			
177	PGM ME Preview			
178	PGM ME Clean Feed			
180	ME 1 Program			
181	ME 1 Preview			
182	ME 1 Clean Feed			
184	ME 2 Program			--
185	ME 2 Preview			--
186	ME 2 Clean Feed			--



Router Input	Carbonite	Graphite	Carbonite Black SD/HD	Carbonite Black UHDTV1
188	ME 3 Program			--
189	ME 3 Preview			--
190	ME 3 Clean Feed			--
200	--	--	--	CK 1 Video
201	--	--	--	CK 1 Alpha
202	--	--	--	CK 2 Video
203	--	--	--	CK 2 Alpha
208	MiniME™ 1			
209	MiniME™ 2			
210	MiniME™ 3			--
211	MiniME™ 4			--
212	ME 1 MediaWipe Video			
213	ME 1 MediaWipe Alpha			
214	ME 2 MediaWipe Video			
215	ME 2 MediaWipe Alpha			
216	MultiViewer 1	--	--	--
217	MultiViewer 2	--	--	--
218-225	Aux 1-8			
226-237	--	Aux 9-20		
278	--	XPression Channel 1 Video*	--	--
279	--	XPression Channel 1 Alpha*	--	--
280	--	XPression Channel 2 Video*	--	--
281	--	XPression Channel 2 Alpha*	--	--
282	--	XPression Channel 3 Video*	--	--
283	--	XPression Channel 3 Alpha*	--	--
284	--	XPression Channel 4 Video*	--	--
285	--	XPression Channel 4 Alpha*	--	--

* Graphite only.

To Run, Stop, or Resume a Custom Control from a Remote Panel

1. Select the level on the Remote Control Panel that is assigned to the switcher.

2. Select the button on the output section of the Remote Panel that corresponds to the custom control bank that you want to run, stop, or resume a custom control on. Refer to the following tables for bank mapping information.
3. Select the button on the input section of the Remote Panel that corresponds to the custom control that you want to run, stop, or resume. Refer to the following table for custom control mapping.

Router Panel CC Mapping

Table 3: Router Control Panel CC Bank Mapping

Router Output	Switcher Source
223	Custom Control Bank 1
224	Custom Control Bank 2
225	Custom Control Bank 3
226	Custom Control Bank 4
227	Custom Control Bank 5
228	Custom Control Bank 6
229	Custom Control Bank 7
230	Custom Control Bank 8

Table 4: Router Control Panel CC Mapping for Carbonite

Router Input	Switcher Source
1-32	Custom Controls

Table 5: Router Control Panel CC Mapping for Carbonite Black

Router Input	Switcher Source
1-40	Custom Controls

