

ADDENDUM to NOVA 4/C Field Replaceable Unit Manual

042-000069-00

This addendum updates manual 015-000097-01 to:

015-000097-02

See updating instructions on reverse.

This addendum updates this manual to include the following changes:

ITEM DESCRIPTION

- 1 Change the manual number on the “Notice” page to 015-000097-02.
- 2 Also, on the “Notice” page, place EITHER the following text, OR a pre-printed sticker that contains this text:

“WARNING:
THIS EQUIPMENT GENERATES, USES AND CAN RADIATE RADIO FREQUENCY ENERGY AND IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTION MANUAL, MAY CAUSE INTERFERENCE TO RADIO COMMUNICATIONS. AS TEMPORARILY PERMITTED BY REGULATION IT HAS NOT BEEN TESTED FOR COMPLIANCE WITH THE LIMITS FOR CLASS A COMPUTING DEVICES PURSUANT TO SUBPART J OF PART 15 OF FCC RULES, WHICH ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST SUCH INTERFERENCE. OPERATION OF THIS EQUIPMENT IN A RESIDENTIAL AREA IS LIKELY TO CAUSE INTERFERENCE, IN WHICH CASE THE USER, AT HIS OWN EXPENSE, WILL BE REQUIRED TO TAKE WHATEVER MEASURES MAY BE REQUIRED TO CORRECT THE INTERFERENCE.”

- 3 Add this note to the figures on the following pages:
“NOTE: THE PICTURE SHOWN MAY NOT ACCURATELY REFLECT THE ACTUAL HARDWARE.”

On page:	For:
1-3	Figure 1.1
1-4	Figure 1.2 and Figure 1.4
1-5	Figure 1.5
1-9	Figure 1.8
1-11	Figure 1.9
1-13	Figure 2.1
2-5	Figure 4.1 and Figure 4.2
2-6	Figure 4.3
2-9	Figure 6.1 and Figure 6.2
2-10	Figure 6.3
2-11	Figure 6.4
2-12	Figure 6.5 and Figure 6.6
2-13	Figure 6.7 and Figure 6.8
2-14	Figure 6.9
2-15	Figure 6.10
4-4	Figure 12.1 and Figure 12.2
4-5	Figures 12.3, 12.4 and 12.5
4-6	Figures 12.6, 12.7 and 12.8
4-7	Figure 12.9 and Figure 12.10
4-8	Figure 12.11 and Figure 12.12
4-11	Figures 12.14, 12.15 and 12.16
4-12	Figure 12.17 and Figure 12.18
4-13	Figure 12.19 and 12.20
4-14	Figure 12.21
4-15	Figure 12.22 and Figure 12.23
4-16	Figure 12.24 and Figure 12.25
4-17	Figure 12.26

OUTPUT	VOLTAGE		CURRENT	
	MIN	MAX	MIN	MAX
+5V	+4.95V	+5.25V	5A	40A
+12V	+11.95V	+12.5V	0	5A *
-5V	-4.7V	-5.3V	0	2.0A
-12V	-11.0V	-13.0V	0	0.025A
+5 MEM	+4.95V	+5.25V	0	5A
+12 MEM	+11.5V	+12.5V	0	2.3A *
-5 MEM	-4.7V	-5.3V	0	0.05A

- 12 On page 4-13, in Steps 2 and 3 of 16-slot Wiring Harness Replacement, and in Figure 12.20, the Wiring Diagram No. should be changed
FROM: 001-001607 TO: 001-003019
- 13 On page 4-14, in steps 2 and 5 of 5-slot Wiring Harness Replacement, and in Figure 12.21, the Wiring Diagram No. should be changed
FROM: 001-001637 TO: 001-003468

6 On page 1-12, change the following documentation numbers:

Affected Assemblies	Description	DGC No.
16-Slot NOVA 4/C	Installation Data Sheet	010-000359
	Ill. Parts breakdown	NA
5-Slot NOVA 4/C	Installation Data Sheet	010-000361
	Schematic	001-003319
Power Supply PCB 16-slot	Illustrated parts	016-001444
		016-001445
		016-003105
VNR Unit 16-Slot	Schematic	001-001326
	Illustrated Parts	001-001436
Power Supply PCB 5-slot	Schematic	001-003236
	Illustrated Parts	001-001405
Backpanel 16-slot	Schematic	001-003152
	Illustrated Parts	001-001528
Backpanel 5-slot	Schematic	001-003226
	Illustrated Parts	001-001399
Front Console PCB	Should Read 5-slot	
Internal Cable 16-slot	Wiring diagram	001-003019
Internal Cable 5-slot	Wiring diagram	001-003468

NOTE: On the wire list portion of this table, 005-012476 should be changed to 005-019439.

NOTE: You should refer to individual installation data sheets for correct cable numbers for:

005-012472
005-012751
005-012765
005-019439
005-012590
005-012473
005-012585

7 On page 1-13, the following paragraph should be disregarded.

“In a 16-slot system, if this switch is in the LOCK position, the system cannot be powered down (i.e., the power switch is disabled). In a 5-slot system, if this switch is in the LOCK position and the power switch is placed in the OFF position, the system will go into battery backup mode if that option is present. If the 5-slot system does not contain the battery backup option, the system will be powered down.”

8 On page 2-13, in Step 6, part c of the section on the Over-Current Light, change the number for the Installation Data Sheet

FROM: 010-000213 TO: 010-000359.

9 On page 3-9, in the paragraph under INTERCONNECTION WITH SYSTEM, change the number of the 16-slot Backpanel Schematic

FROM: 001-001562 TO: 001-003152.

10 On page 3-11, in the NOTE under INTRODUCTION, change the number of the 5-slot Power Supply Logic Schematic

FROM: 001-001616 TO: 001-003236

11 On page 3-14, replace Table 10.1, 5-slot Chassis Power Supply Specifications with those specifications below:

4 On page 1-8, change the Assembly Numbers in Table 1.1 for the following:

Part	Old Number	New Number
Backpanel board	005-012073	005-019907
Console PCB Assembly	005-014135	005-019906
VNR Unit	005-012429	100V 005-019979 120V 005-019978 220/240V 005-019990
Power supply board with battery backup	005-012064	005-019489
Power supply board without battery backup	005-012061	005-019490
Fan		100V 115-000287 120V/220V/240V 115-000163
Fan module	005-012076	100V 005-018790 120V/220V/240V 005-018771
Internal Cable	005-012489	005-018994

5 On page 1-10, in Table 1.2, change the Assembly Number of the following:

Part	Old Number	New Number
Backpanel board	005-012402	005-019291
Power supply board with battery backup	005-012406	005-021082
Power supply board without battery backup	005-012404	005-021082
Fan		100V 115-000290 120V 115-000121 220V 115-000121 240V 115-000131
Internal cable	005-013470	005-021057