

**SCREW BARRIER STRIP ASSEMBLY**  
**VRC ACCESSORY**  
**INSTRUCTION SHEET**



**GENTNER BROADCAST SYSTEMS**  
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# SCREW BARRIER STRIP ASSEMBLY

VRC ACCESSORY

INSTRUCTION SHEET

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The Screw Barrier Strip Assembly provides interconnection to one VRC DB-37 male connector. A VRC Metering, Status or Command input/output connector can be accommodated by this pre-wired Screws Barrier Assembly. A four-foot interconnection cable containing a female DB-37 connector is attached.

Pin-out to screw numbers (top or bottom) are shown on the facing page of this Instruction Sheet.

The unit is rack mounted in a standard 19" rack.

DB-37 Pin No.	Wire Color	Metering Function	Status Function	Command Function Channels 1-8	Command Function Channels 9-16	Termination Pin No.
1	Black	Ch 1	Ch 1	Ch 1 A	Ch 9 A	1 Top
20	White	Ground	Ground	Ground	Ground	2 Top
2	Red	Ch 2	Ch 2	Ch 1 B	Ch 9 B	3 Top
21	Green	Ground	Ground	Ground	Ground	4 Top
3	Orange	Ch 3	Ch 3	Ch 2 A	Ch 10 A	5 Top
22	Blue	Ground	Ground	Ground	Ground	6 Top
4	White/Black	Ch 4	Ch 4	Ch 2 B	Ch 10 B	7 Top
23	Red/Black	Ground	Ground	Ground	Ground	8 Top
5	Green/Black	Ch 5	Ch 5	Ch 3 A	Ch 11 A	9 Top
24	Orange/Black	Ground	Ground	Ground	Ground	10 Top
6	Blue/Black	Ch 6	Ch 6	Ch 3 B	Ch 11 B	11 Top
25	Black/White	Ground	Ground	Ground	Ground	12 Top
7	Red/White	Ch 7	Ch 7	Ch 4 A	Ch 12 A	13 Top
26	Green/White	Ground	Ground	Ground	Ground	14 Top
8	Blue/White	Ch 8	Ch 8	Ch 4 B	Ch 12 B	15 Top
27	Black/Red	Ground	Ground	Ground	Ground	16 Top
9	White/Red	Ch 9	Ch 9	Ch 5 A	Ch 13 A	17 Top
28	Orange/Red	Ground	Ground	Ground	Ground	18 Top
10	Blue/Red	Ch 10	Ch 10	Ch 5 B	Ch 13 B	19 Top
29	Red/Green	Ground	Ground	Ground	Ground	20 Top
11	Orange/Green	Ch 11	Ch 11	Ch 6 A	Ch 14 A	21 Top
30	Black/White/Red	Ground	Ground	Ground	Ground	22 Top
12	White/Black/Red	Ch 12	Ch 12	Ch 6 B	Ch 14 B	23 Top
31	Red/Black/White	Ground	Ground	Ground	Ground	24 Top
13	Green/Black/White	Ch 13	Ch 13	Ch 7 A	Ch 15 A	1 Bottom
32	Orange/Black/White	Ground	Ground	Ground	Ground	2 Bottom
14	Blue/Black/White	Ch 14	Ch 14	Ch 7 B	Ch 15 B	3 Bottom
33	Black/Red/Green	Ground	Ground	Ground	Ground	4 Bottom
15	White/Red/Green	Ch 15	Ch 15	Ch 8 A	Ch 16 A	5 Bottom
34	Red/Black/Green	Ground	Ground	Ground	Ground	6 Bottom
16	Green/Black/Orange	Ch 16	Ch 16	Ch 8 B	Ch 16 B	7 Bottom
35	Orange/Black/Green	Ground	Ground	Ground	Ground	8 Bottom
17	Blue/White/Orange	Ch 17	Ch 17	+5*	+5*	9 Bottom
36	Black/White/Orange	Ground	Ground	Ground	Ground	10 Bottom
18	White/Red/Orange	+5*	Ground	+5*	+5*	11 Bottom
37	Orange/White/Blue	Ground	Ground	Ground	Ground	12 Bottom
19	White/Red/Blue	+5*	Ground	---	---	13 Bottom

NOTE: +5\* = 220 Ohm resistor pull-up to +5 V

# WARRANTY

GENTNER COMMUNICATIONS CORPORATION (Manufacturer) warrants that this product is free of defects in both materials and workmanship. Should any part of this equipment be defective, Manufacturer agrees, at its option, to:

A. Repair or replace any defective part free of charge (except transportation charges) for a period of one year from the date of the original purchase, provided the owner returns the equipment to Manufacturer at the address set forth below. No charge will be made for parts or labor during this period;

B. Furnish replacement for any defective parts in the equipment for a period of one year from the date of original purchase. Replacement parts shall be furnished without charge except labor and transportation;

This Warranty excludes assembled products not manufactured by manufacturer whether or not they are incorporated in a Manufacturer product or sold under a Manufacturer part of model number.

## THIS WARRANTY IS VOID IF:

A. The equipment has been damaged by negligence, accident, act-of-God or mishandling, or has not been operated in accordance with the procedures described in the operating and technical instructions; or,

B. The equipment has been altered or repaired by other than Manufacturer or by authorized service representative of Manufacturer; or,

C. Adaptations or accessories other than those manufactured or provided by Manufacturer have been made or attached to the equipment which, in the determination of Manufacturer, shall have affected the performance, safety or reliability of the equipment; or,

D. The equipment's original serial number has been modified or removed.

NO OTHER WARRANTY EXPRESS OR IMPLIED, INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE, APPLIES TO THE EQUIPMENT, nor is any person or company authorized to assume any warranty for Manufacturer or any other liability in connection with the sale of Manufacturer products.

Manufacturer does not assume any responsibility for consequential damages, expenses or loss of revenue or property, inconvenience or interruption in operation experienced by the customer due to a malfunction in the purchased equipment. No warranty service performed on any product shall extend the applicable warranty period.

In case of unsatisfactory operation, the purchaser shall promptly notify Manufacturer at the address set forth below, in writing, giving full particulars as to the defects of unsatisfactory operation. Upon receipt of such notice, Manufacturer will give instructions respecting the shipment of the equipment, or such other matters as it elects to honor this warranty as above provided. This warranty does not cover damage to the equipment during shipping and Manufacturer assumes no responsibility for such damage. All shipping costs shall be paid by customer.

This warranty extends only to the original purchaser and is not assignable or transferable.



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