



Relcomm, Inc

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March 1988  
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9110037

# RS-449 Interface Adapter

Model 387

Model 487

4868 Hwy. 4, Suite G, P.O. Box 640, Angels Camp, CA 95222  
(209) 736-0421 [www.relcomm.com](http://www.relcomm.com) Fax (209) 736-0425

## **LIMITED WARRANTY**

RelComm, Inc., hereafter referred to as RCI warrants this Product to be in good working order for a period of One (1) Year from the date of purchase from RCI. NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THIS PERIOD.

- 37-pin (RS-449) to 25 pin (RS-232) Adaptation
- Easy Access to RS-449 Shield Connection
- Provides interchange of CH with SR or CI with SI
- Small; Plug-in Installation

Should this Product fail to be good working order at any time during this warranty period, RCI will, at its option, repair or replace this product at no additional charge except as set forth below. Repair parts and replacement Products will be furnished on an exchange basis and will be either reconditioned or new. This limited warranty does not include service to repair damage to the Product resulting from accident, disaster, misuse, abuse, or non-RCI modification of the Product.

Limited Warranty service may be obtained by delivering the Product during the warranty period to RCI and providing proof of purchase date. If this Product is delivered by mail, you agree to insure the Product or assume the risk of loss or damage in transit, to prepay shipping charges to the warranty service location and to use the original shipping container or equivalent. For further information, contact Service, P.O. Box 640, Angels Camp, California 95222, (209) 736-0421, [www.relcomm.com](http://www.relcomm.com).

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

IF THIS PRODUCT IS NOT IN GOOD WORKING ORDER AS WARRANTED ABOVE, YOUR SOLE REMEDY SHALL BE REPAIR OR REPLACEMENT AS PROVIDED ABOVE. IN NO EVENT WILL RCI BE LIABLE TO YOU FOR ANY DAMAGES, INCLUDING ANY LOST SAVINGS OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF OR INABILITY TO USE SUCH PRODUCT, EVEN IF RCI OR AN AUTHORIZED DEALER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, OR ANY CLAIM BY ANY OTHER PARTY.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR CONSUMER PRODUCTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

## SPECIFICATIONS

Power: None required

Size: 3.140" w x 3.375" L x .883" H  
(8.0cm x 9.5cm x 2.2cm)

Weight: .25 Lb. (113 grams)

Enclosure: High Impact Plastic

Interface: RS-232 // RS-449

### Connectors:

#### Model 387

(1) DB25S, female; (1) DB37P, male  
RS-232 DTE, RS-449 DCE

#### Model 487

(1) DB25P, male; (1) DB37S, female  
RS-449 DTE, RS-232 DCE

The RS-449 Interface Adapter performs the necessary adjustments between an RS-449 Interface and an RS-232 interface to allow direct connection of both. Electrical, functional and mechanical considerations have been implemented in accordance with the EIA recommended standard for interconnection between interface circuits using RS-449 and RS 232.

The RS-449 Interface Adapter is available in two basic models:

Model 387 configures RS-232 as Data Terminal Equipment (DTE) and RS-449 as Data Communications Equipment (DCE).

Model 487 configures the RS-232 as DCE and RS-449 as DTE.

Both adapters are equipped with a single two position CH with SR and CI with SI.

When installing either model in a system, it is recommended that the maximum cable distance from the RS-449 receivers and drivers be kept to no more than ten (10) feet.

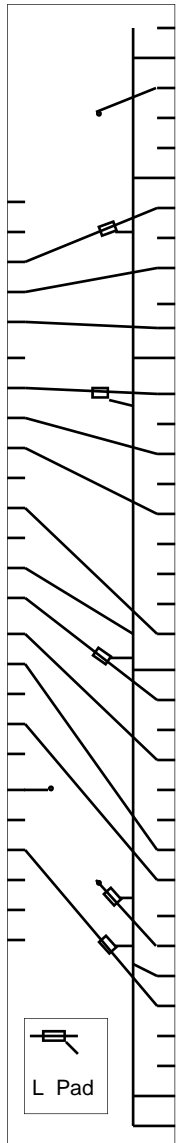
**Model 387**

**RS-449 DCE**

**RS-232C DTE**

AA	1
SRA	14
SA	2
DB	15
SS	3
SBB	16
CA	4
DO	17
CS	5
-	18
CC	6
SCA	19
AB	7
CD	20
CF	8
CG	21
-	9
CX	22
-	10
CH/CI	23
-	11
DA	24
SCF	12
-	25
SCB	13

Switching may be required to interconnect CH with SR or CI with SI.



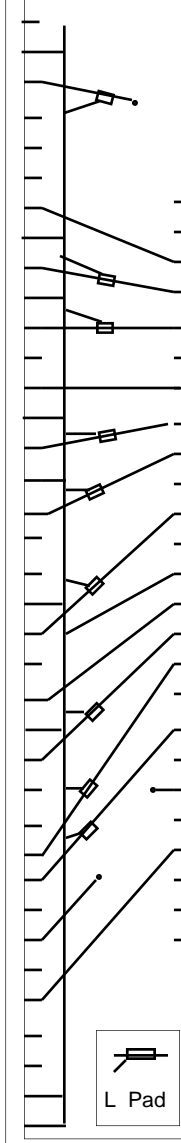
1	Shield
20	RC
2	SI-A
21	-
3	-
22	SD-B'
4	SD-A'
23	ST-C
5	ST-A
24	RD-C
6	RD-A
25	RS-B'
7	RS-A'
26	RT-C
8	RT-A
27	CS-C
9	CS-A
28	IS-A <sup>**</sup>
10	LL-A'
29	DN-C
11	DN-A
30	TR-B'
12	TR-A'
31	RR-C
13	RR-A
32	SS-A'
14	RL-A'
33	SQ-A
15	IC-A
34	NS-A'
16	SF/SR-A'
35	TT-S'
17	TT-A'
36	SB-A
18	TM-A
37	SC
19	SG

**RS-449 DTE**

**Model 487**

**RS-232C DCE**

Shield	1
RC	20
SI-A	2
-	21
-	3
SD-C	22
SD-A	4
ST-B'	23
ST-A'	5
RD-B'	24
RD-A'	6
RS-C	25
RS-A	7
RT-B'	26
RT-A'	8
CS-B'	27
CS-A'	9
IS-A	28
LL-A	10
DM-B'	29
DM-A'	11
TR-C	30
TR-A	12
RR-B'	31
RR-A'	13
SS-A	32
RL-A	14
SQ-A'	33
IC-A'	15
NS-A	34
SF/SR-A	16
TT-C	35
TT-A	17
SB-A'	36
TM-A'	18
SC	18
SG	37



1	AA
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4	CA
17	DO
5	CS
18	-
6	CC
19	SCA
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20	CD
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9	-
22	CX
10	-
23	CH/CI
11	-
24	DA
12	SCF
25	-
13	SCB

Switching may be required to interconnect CH with SR or CI with SI.