RTS

Innovating the Future of Global Communications

XCP-32-DB9

Breakout Panel Technical Guide

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RTS .... www.rtsintercoms.com/warranty

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AudioCom................................. www.telexaudiocom.com/warranty

RadioCom .... www.telexradiocom.com/warranty

Headsets .... www.intercomheadsets.com/warranty

CUSTOMER SUPPORT

Technical questions should be directed to:

Customer Service Department
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Burnsville, MN 55337 USA
Telephone: 877-863-4169
Fax: 800-323-0498
Info@rtsintercoms.com

Technical Questions EMEA

Bosch Security Systems Technical Support EMEA

http://www.rtsintercoms.com/contact_main.php

DISCLAIMER

The manufacturer of the equipment described herein makes
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information contained herein is subject to change without
prior notice and shall not be construed as an expressed or
implied commitment on the part of the manufacturer.

THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT

SEE MARKING ON BOTTOM/BACK OF PRODUCT

WARNING: APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR
SPLASHING AND NO OBJECTS FILLED WITH LIQUIDS, SUCH AS
VASES, SHALL BE PLACED ON THE APPARATUS.

WARNING: THE MAIN POWER PLUG MUST REMAIN READILY
OPERABLE

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, GROUNDING
OF THE CENTER PIN OF THIS PLUG MUST BE
MAINTAINED.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO
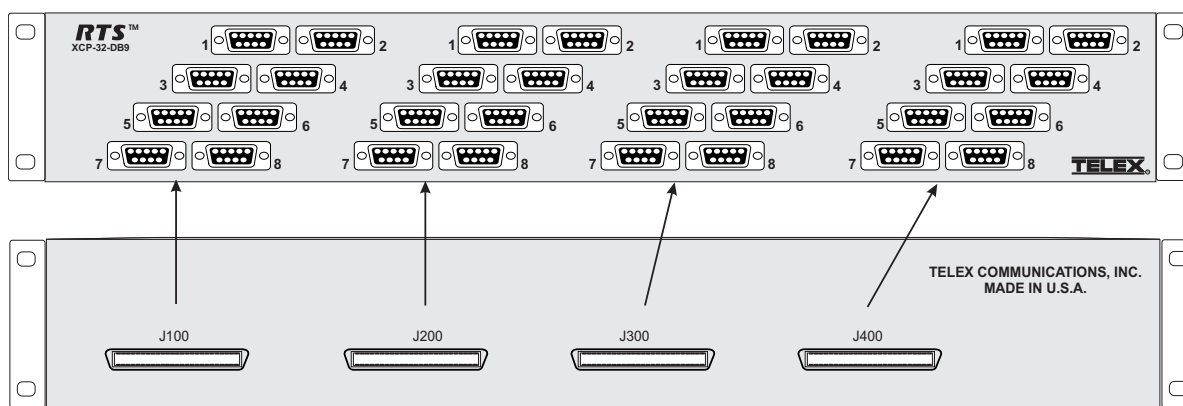NOT EXPOSE THIS APPRATUS TO RAIN OR MOISTURE.

WARNING: TO PREVENT INJURY, THIS APPARATUS MUST BE
SECURELY ATTACHED TO THE FLOOR/WALL/RACK IN
ACCORDANCE WITH THE INSTALLATION INSTRUCTIONS.

∿	This product is AC only.

Important Safety Instructions

1. Read these instructions.

2. Keep these instructions.

3. Heed all warnings.

4. Follow all instructions.

5. Do not use this apparatus near water.

6. Clean only with dry cloth.

7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Only use attachments/accessories specified by the manufacturer.

12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

The arrows represent the MDR to DB-9 connector responsiblity

FIGURE 1. XCP-32-DB9

The XCP-32-DB9 is the newly created 32-port DB9 breakout panel with MDR connector for the ADAM with an AIO-16 card and Cronus. It allows you to expand the number of DB-9 serial ports. The XCP-32-DB9 is backward compatible with the AIO-8 card.

NOTE: When using the 32-port DB-9 breakout panel, you MUST use the MDR backcard for both the AIO-16 and Cronus.

9-pin Male D-sub	
Pin 1	Keypanel Data +
Pin 2	Keypanel Data -
Pin 3	Gnd
Pin 4	Audio to Matrix +
Pin 5	Audio to Matrix -
Pin 6	Gnd

9-pin Male D-sub	
Pin 7	Audio from Matrix -
Pin 8	Audio from Matrix +
Pin 9	Gnd

MDR Connector		
Pin Number	**Port**	**Function**
8	1	Data +
33	1	Data -
24	1	Audio To Matrix +
49	1	Audio To Matrix -
25	1	Audio From Matrix +
50	1	Audio From Matrix -

MDR Connector		
Pin Number	**Port**	**Function**
7	2	Data +
32	2	Data -
22	2	Audio To Matrix +
47	2	Audio To Matrix -
23	2	Audio From Matrix +
48	2	Audio From Matrix -
6	3	Data +
31	3	Data -
20	3	Audio To Matrix +
45	3	Audio To Matrix -
21	3	Audio From Matrix +
46	3	Audio From Matrix -
5	4	Data +
30	4	Data -
18	4	Audio To Matrix +
43	4	Audio To Matrix -
19	4	Audio From Matrix +
44	4	Audio From Matrix -
4	5	Data +
29	5	Data -
16	5	Audio To Matrix +
41	5	Audio To Matrix -
17	5	Audio From Matrix +
42	5	Audio From Matrix -
3	6	Data +
28	6	Data -
14	6	Audio To Matrix +
39	6	Audio To Matrix -
15	6	Audio From Matrix +
40	6	Audio From Matrix -
2	7	Data +
27	7	Data -
12	7	Audio To Matrix +
37	7	Audio To Matrix -

MDR Connector		
Pin Number	**Port**	**Function**
13	7	Audio From Matrix +
38	7	Audio From Matrix -
1	8	Data +
26	8	Data -
10	8	Audio To Matrix +
35	8	Audio To Matrix -
11	8	Audio From Matrix +
36	8	Audio From Matrix -

NOTE: There are 4 MDR connectors on the XCP-32-DB9 Breakout panel.

MDR Connector	Port
J1	1-8
J2	9-16
J3	17-24
J4	25-32

Notes