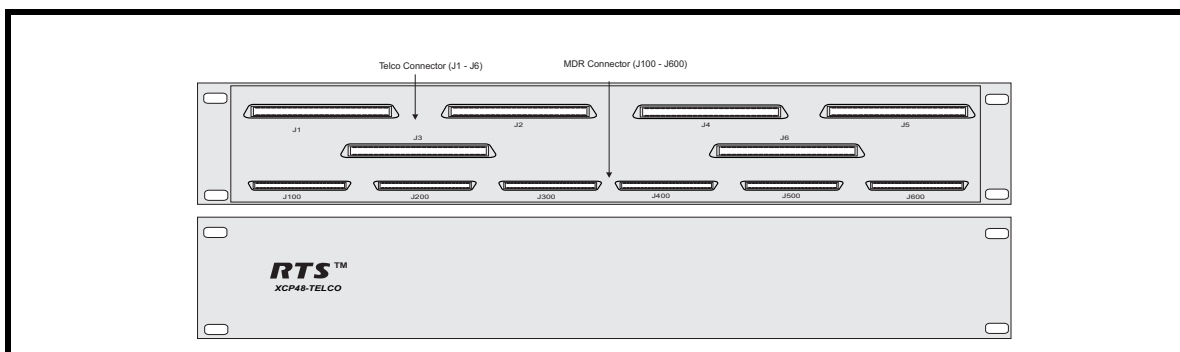


XCP-48-TELCO

Breakout Panel Technical Guide

XCP-48-Telco

9000-7822-000



The XCP-48-Telco is the newly created breakout panel with MDR connector for the AIO-16 and Cronus. It combines the audio to matrix, audio from matrix, and data pairs. It then routes them on individual Telco connectors. It allow you to connect to 48 ports on the Intercom system.

NOTE: When using the 48-port Telco breakout panel, you **MUST** use the MDR backcard for both the AIO-16 and Cronus.

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 -
7	2	Data +
32	2	Data -

MDR Connector		
Pin Number	Port	Function
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 -

MDR Connector		
Pin Number	Port	Function
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 -
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 6 MDR connectors on the XCP-48-TELCO Breakout Panel.

MDR Connector	Port
J100	1-8
J200	9-16
J300	17-24
J400	25-32
J500	33-40
J600	41-48

Female Telco Connector - J1, J4		
Pin Number	Port	Function
1	1	Audio to Matrix +
26	1	Audio to Matrix -
2	2	Audio to Matrix +
27	2	Audio to Matrix -
3	3	Audio to Matrix +
28	3	Audio to Matrix -
4	4	Audio to Matrix +
29	4	Audio to Matrix -
5	5	Audio to Matrix +
30	5	Audio to Matrix -
6	6	Audio to Matrix +
31	6	Audio to Matrix -
7	7	Audio to Matrix +
32	7	Audio to Matrix -
8	8	Audio to Matrix +
33	8	Audio to Matrix -
9	9	Audio to Matrix +
34	9	Audio to Matrix -
10	10	Audio to Matrix +
35	10	Audio to Matrix -
11	11	Audio to Matrix +
36	11	Audio to Matrix -
12	12	Audio to Matrix +
37	12	Audio to Matrix -
13	13	Audio to Matrix +
38	13	Audio to Matrix -
14	14	Audio to Matrix +
39	14	Audio to Matrix -
15	15	Audio to Matrix +
40	15	Audio to Matrix -

Female Telco Connector - J1, J4		
Pin Number	Port	Function
16	16	Audio to Matrix +
41	16	Audio to Matrix -
17	17	Audio to Matrix +
42	17	Audio to Matrix -
18	18	Audio to Matrix +
43	18	Audio to Matrix -
19	19	Audio to Matrix +
44	19	Audio to Matrix -
20	20	Audio to Matrix +
45	20	Audio to Matrix -
21	21	Audio to Matrix +
46	21	Audio to Matrix -
22	22	Audio to Matrix +
47	22	Audio to Matrix -
23	23	Audio to Matrix +
48	23	Audio to Matrix -
24	24	Audio to Matrix +
49	24	Audio to Matrix -

Female Telco Connector - J2, J5		
Pin Number	Port	Function
1	1	Audio from Matrix +
26	1	Audio from Matrix -
2	2	Audio from Matrix +
27	2	Audio from Matrix -
3	3	Audio from Matrix +
28	3	Audio from Matrix -
4	4	Audio from Matrix +
29	4	Audio from Matrix -

Female Telco Connector - J2, J5		
Pin Number	Port	Function
5	5	Audio from Matrix +
30	5	Audio from Matrix -
6	6	Audio from Matrix +
31	6	Audio from Matrix -
7	7	Audio from Matrix +
32	7	Audio from Matrix -
8	8	Audio from Matrix +
33	8	Audio from Matrix -
9	9	Audio from Matrix +
34	9	Audio from Matrix -
10	10	Audio from Matrix +
35	10	Audio from Matrix -
11	11	Audio from Matrix +
36	11	Audio from Matrix -
12	12	Audio from Matrix +
37	12	Audio from Matrix -
13	13	Audio from Matrix +
38	13	Audio from Matrix -
14	14	Audio from Matrix +
39	14	Audio from Matrix -
15	15	Audio from Matrix +
40	15	Audio from Matrix -
16	16	Audio from Matrix +
41	16	Audio from Matrix -
17	17	Audio from Matrix +
42	17	Audio from Matrix -
18	18	Audio from Matrix +
43	18	Audio from Matrix -

Female Telco Connector - J2, J5		
Pin Number	Port	Function
19	19	Audio from Matrix +
44	19	Audio from Matrix -
20	20	Audio from Matrix +
45	20	Audio from Matrix -
21	21	Audio from Matrix +
46	21	Audio from Matrix -
22	22	Audio from Matrix +
47	22	Audio from Matrix -
23	23	Audio from Matrix +
48	23	Audio from Matrix -
24	24	Audio from Matrix +
49	24	Audio from Matrix -

Female Telco Connector - J3, J6		
Pin Number	Port	Function
1	1	Data +
26	1	Data -
2	2	Data +
27	2	Data -
3	3	Data +
28	3	Data -
4	4	Data +
29	4	Data -
5	5	Data +
30	5	Data -
6	6	Data +
31	6	Data -
7	7	Data +
32	7	Data -
8	8	Data +

Female Telco Connector - J3, J6		
Pin Number	Port	Function
33	8	Data -
9	9	Data +
34	9	Data -
10	10	Data +
35	10	Data -
11	11	Data +
36	11	Data -
12	12	Data +
37	12	Data -
13	13	Data +
38	13	Data -
14	14	Data +
39	14	Data -
15	15	Data +
40	15	Data -
16	16	Data +
41	16	Data -
17	17	Data +
42	17	Data -
18	18	Data +
43	18	Data -
19	19	Data +
44	19	Data -
20	20	Data +
45	20	Data -
21	21	Data +
46	21	Data -
22	22	Data +
47	22	Data -

Female Telco Connector - J3, J6		
Pin Number	Port	Function
23	23	Data +
48	23	Data -
24	24	Data +
49	24	Data -

