

MAINTENANCE MANUAL
CONTROL PANEL
19D902522G1

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SPECIFICATIONS

The following tables summarize the specifications of the Control Panel.

- **Table 1** outlines the general specifications.
- **Table 2** outlines P1 connector definitions.
- **Table 3** outlines P2 connector definitions.
- **Table 4** outlines P3 connector definitions.
- **Table 5** outlines P4 connector definitions.
- **Table 6** outlines P5 connector definitions.

Table 1 - General Specifications

TEMPERATURE	-30°C - +60°C
HEIGHT	3.5 Inches
WIDTH	19 Inches
WEIGHT	10 Ounces



Ericsson Inc.
Private Radio Systems
Mountain View Road
Lynchburg, Virginia 24502
1-800-528-7711 (Outside USA, 804-528-7711)

TABLE 2 - P1 CONNECTOR DEFINITIONS

CONNECTOR PIN	SIGNAL NAME	INPUT/ OUTPUT
P1-20	S1-UP	O
P1-18	S1-COM	I
P1-16	S1-DN	O
P1-14	S2-UP	O
P1-12	S2-COM	I
P1-10	S2-DN	O
P1-8	S3-UP	O
P1-6	S3-COM	I
P1-4	S3-DN	O
P1-7	S4-UP	O
P1-5	S4-COM	I
P1-3	S4-DN	O
P1-13	S5-UP	O
P1-11	S5-COM	I
P1-9	S5-DN	O
P1-38	S6-UP	O
P1-36	S6-COM	I
P1-34	S6-DN	O
P1-32	S7-UP	O
P1-30	S7-COM	I
P1-28	S7-DN	O
P1-26	S8-UP	O
P1-24	S8-COM	I
P1-22	S8-DN	O
P1-25	S9-UP	O
P1-23	S9-COM	I
P1-21	S9-DN	O
P1-31	S10-UP	O
P1-29	S10-COM	I
P1-27	S10-DN	O
P1-49	S11-UP	O
P1-47	S11-COM	I
P1-45	S11-DN	O
P1-50	S12-UP	O
P1-48	S12-COM	I
P1-46	S12-DN	O
P1-44	S13-UP	O
P1-42	S13-COM	I
P1-40	S13-DN	O
P1-37	S14-UP	O
P1-35	S14-COM	I
P1-33	S14-DN	O
P1-43	S15-UP	O
P1-41	S15-COM	I
P1-39	S15-DN	O

TABLE 3 - P2 CONNECTOR DEFINITIONS

CONNECTOR PIN	SIGNAL NAME	INPUT/ OUTPUT
P2-20	S16-UP	O
P2-18	S16-COM	I
P2-16	S16-DN	O
P2-14	S17-UP	O
P2-12	S17-COM	I
P2-10	S17-DN	O
P2-8	S18-UP	O
F2-6	S18-COM	I
P2-4	S18-DN	O
P2-7	S19-UP	O
P2-5	S19-COM	I
P2-3	S19-DN	O
P2-13	S20-UP	O
P2-11	S20-COM	I
P2-9	S20-DN	O
P2-38	S21-UP	O
P2-36	S21-COM	I
P2-34	S21-DN	O
P2-32	S22-UP	O
P2-30	S22-COM	I
P2-28	S22-DN	O
P2-26	S23-UP	O
P2-24	S23-COM	I
P2-22	S23-DN	O
P2-25	S24-UP	O
F2-23	S24-COM	I
P2-21	S24-DN	O
P2-31	S25-UP	O
P2-29	S25-COM	I
P2-27	S25-DN	O
P2-49	S26-UP	O
P2-47	S26-COM	I
P2-45	S26-DN	O
P2-50	S27-UP	O
P2-48	S27-COM	I
P2-46	S27-DN	O
P2-44	S28-UP	O
P2-42	S28-COM	I
P2-40	S28-DN	O
P2-37	S29-UP	O
P2-35	S29-COM	I
P2-33	S29-DN	O
P2-43	S30-UP	O
P2-41	S30-COM	I
P2-39	S30-DN	O

TABLE 4 - P3 CONNECTOR DEFINITIONS		
CONNECTOR PIN	SIGNAL NAME	INPUT/ OUTPUT
P3-20	S31-UP	O
P3-18	S31-COM	I
P3-16	S31-DN	O
P3-14	S32-UP	O
F3-12	S32-COM	I
P3-10	S32-DN	O
P3-8	S33-UP	O
P3-6	S33-COM	I
P3-4	S33-DN	O
P3-7	S34-UP	O
P3-5	S34-COM	I
P3-3	S34-DN	O
P3-13	S35-UP	O
P3-11	S35-COM	I
P3-9	S35-DN	O
P3-38	S36-UP	O
P3-36	S36-COM	I
P3-34	S36-DN	O
P3-32	S37-UP	O
P3-30	S37-COM	I
P3-28	S37-DN	O
P3-26	S38-UP	O
P3-24	S38-COM	I
P3-22	S38-DN	O
P3-25	S39-UP	O
P3-23	S39-COM	I
P3-21	S39-DN	O
P3-31	S40-UP	O
P3-29	S40-COM	I
P3-27	S40-DN	O
P3-49	S41-UP	O
P3-47	S41-COM	I
P3-45	S41-DN	O
P3-50	S42-UP	O
P3-48	S42-COM	I
P3-46	S42-DN	O
P3-44	S43-UP	O
P3-42	S43-COM	I
P3-40	S43-DN	O
P3-37	S44-UP	O
P3-35	S44-COM	I
P3-33	S44-DN	O
P3-43	S45-UP	O
P3-41	S45-COM	I
P3-39	S45-DN	O

TABLE 5 - P4 CONNECTOR DEFINITIONS		
CONNECTOR PIN	SIGNAL NAME	INPUT/ OUTPUT
P4-20	S46-UP	O
P4-18	S46-COM	I
P4-16	S46-DN	O
P4-14	S47-UP	O
P4-12	S47-COM	I
P4-10	S47-DN	O
P4-8	S48-UP	O
P4-6	S48-COM	I
P4-4	S48-DN	O
P4-7	S49-UP	O
P4-5	S49-COM	I
P4-3	S49-DN	O
P4-13	S50-UP	O
P4-11	S50-COM	I
P4-9	S50-DN	O
P4-38	S51-UP	O
P4-36	S51-COM	I
P4-34	S51-DN	O
P4-32	S52-UP	O
P4-30	S52-COM	I
P4-28	S52-DN	O
P4-26	S53-UP	O
P4-24	S53-COM	I
P4-22	S53-DN	O
P4-25	S54-UP	O
P4-23	S54-COM	I
P4-21	S54-DN	O
P4-31	S55-UP	O
P4-29	S55-COM	I
P4-27	S55-DN	O
P4-49	S56-UP	O
P4-47	S56-COM	I
P4-45	S56-DN	O
P4-50	S57-UP	O
P4-48	S57-COM	I
P4-46	S57-DN	O
P4-44	S58-UP	O
F4-42	S58-COM	I
P4-40	S58-DN	O
P4-37	S59-UP	O
P4-35	S59-COM	I
P4-33	S59-DN	O
P4-43	S60-UP	O
P4-41	S60-COM	I
P4-39	S60-DN	O

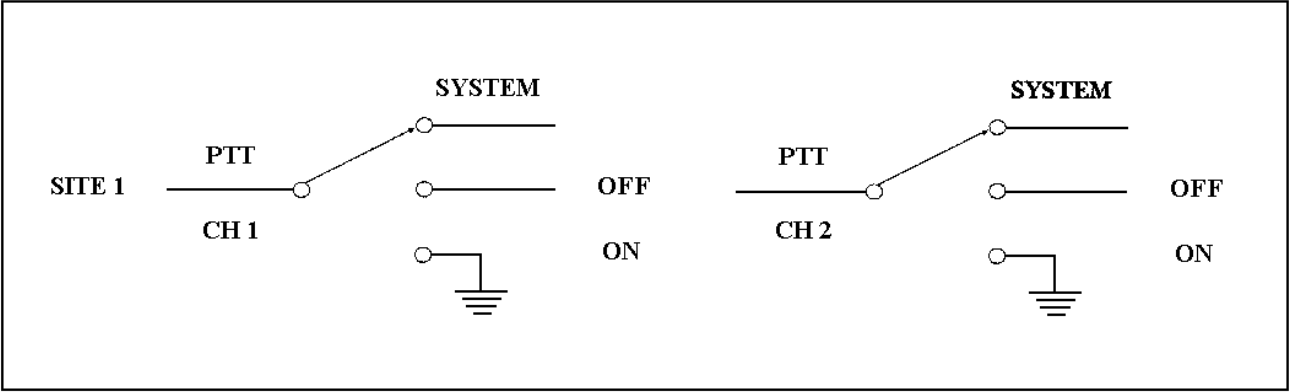
TABLE 6 - P5 CONNECTOR DEFINITIONS

CONNECTOR PIN	SIGNAL NAME	INPUT/ OUTPUT
P5-20	S61-UP	O
P5-18	S61-COM	I
P5-16	S61-DN	O
P5-14	S62-UP	O
P5-12	S62-COM	I
P5-10	S62-DN	O
P5-8	S63-UP	O
P5-6	S63-COM	I
P5-4	S63-DN	O
P5-7	S64-UP	O
P5-5	S64-COM	I
P5-3	S64-DN	O
P5-13	S65-UP	O
P5-11	S65-COM	I
P5-9	S65-DN	O
P5-38	S66-UP	O
P5-36	S66-COM	I
P5-34	S66-DN	O
P5-32	S67-UP	O
P5-30	S67-COM	I
P5-28	S67-DN	O
P5-26	S68-UP	O
P5-24	S68-COM	I
P5-22	S68-DN	O
P5-25	S69-UP	O
P5-23	S69-COM	I
P5-21	S69-DN	O
P5-31	S70-UP	O
P5-29	S70-COM	I
P5-27	S70-DN	O
P5-49	S71-UP	O
P5-47	S71-COM	I
P5-45	S71-DN	O
P5-50	S72-UP	O
P5-51	S72-COM	I
P5-46	S72-DN	O
P5-44	S73-UP	O
P5-42	S73-COM	I
P5-40	S73-DN	O
P5-37	S74-UP	O
P5-35	S74-COM	I
P5-33	S74-DN	O
P5-43	S75-UP	O
P5-41	S75-COM	I
P5-39	S75-DN	O

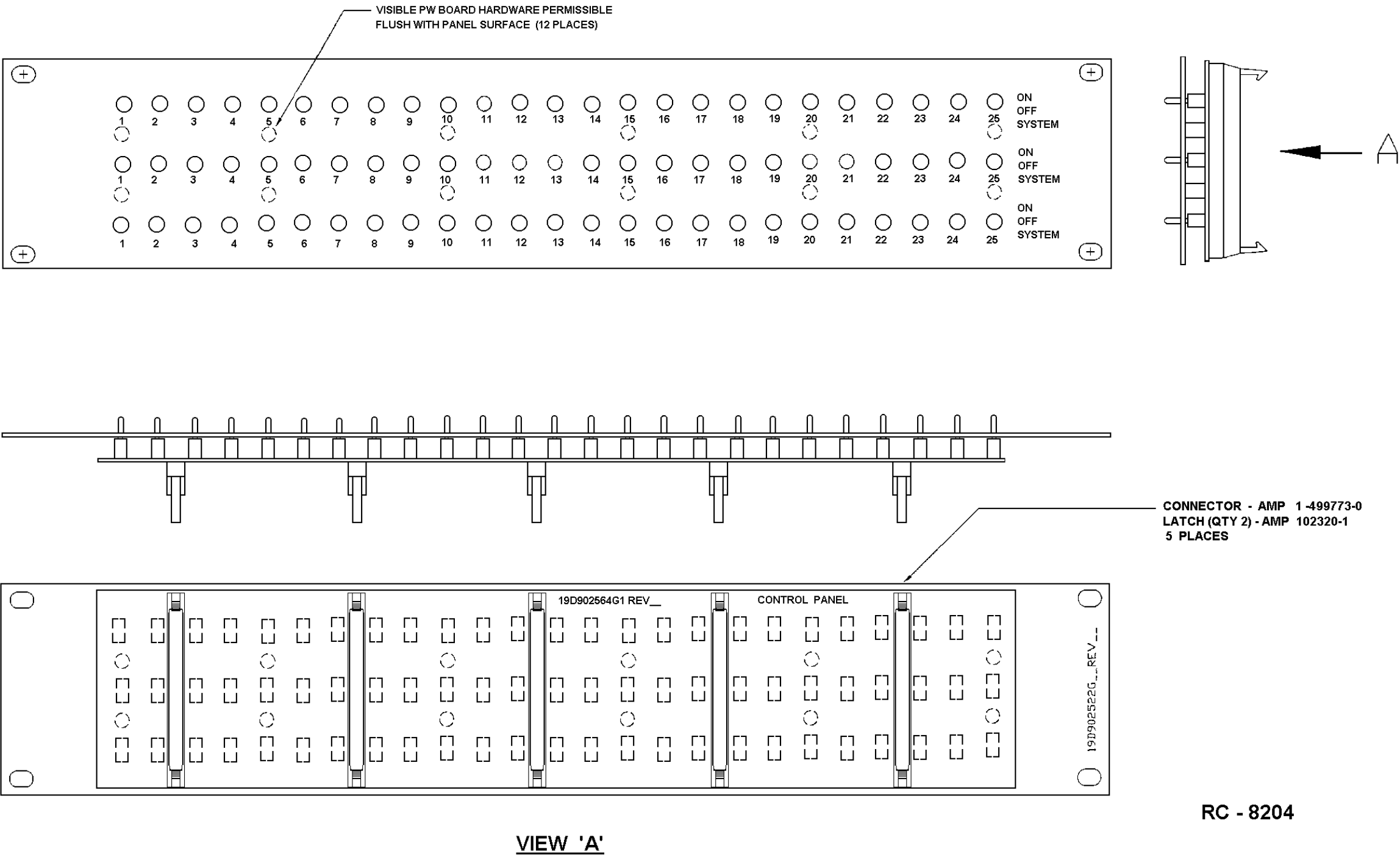
DESCRIPTION

Control Panel 19D902522G1 consists of 75 three position switches and is used in conjunction with Control Crossconnect Panel 19D902550G1 (refer to Maintenance

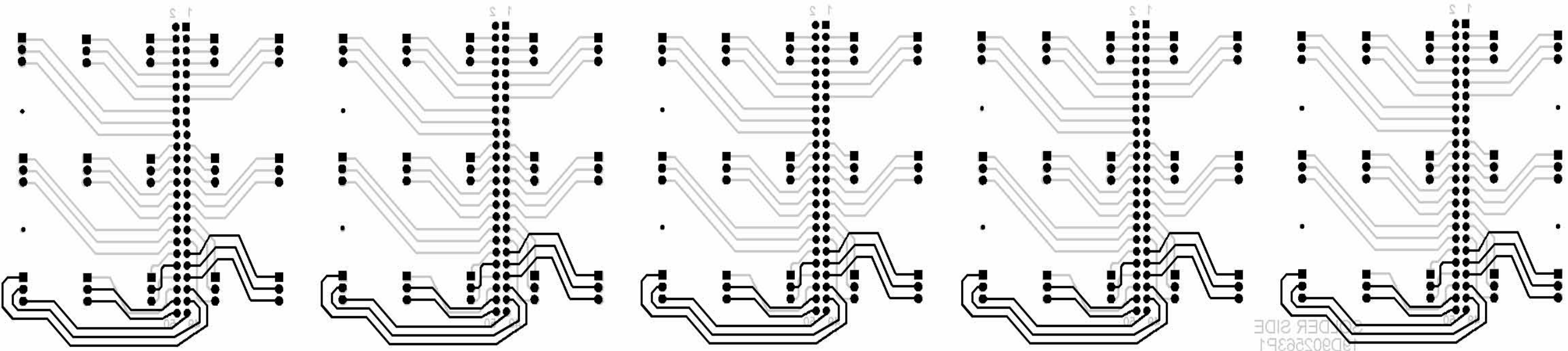
Manual LBI-38491). Each control panel controls a single function, such as **Push-To-Talk (PTT)**, **Analog/Digital (A/D)**, etc., for three sites with 25 channels each (refer to Figure).



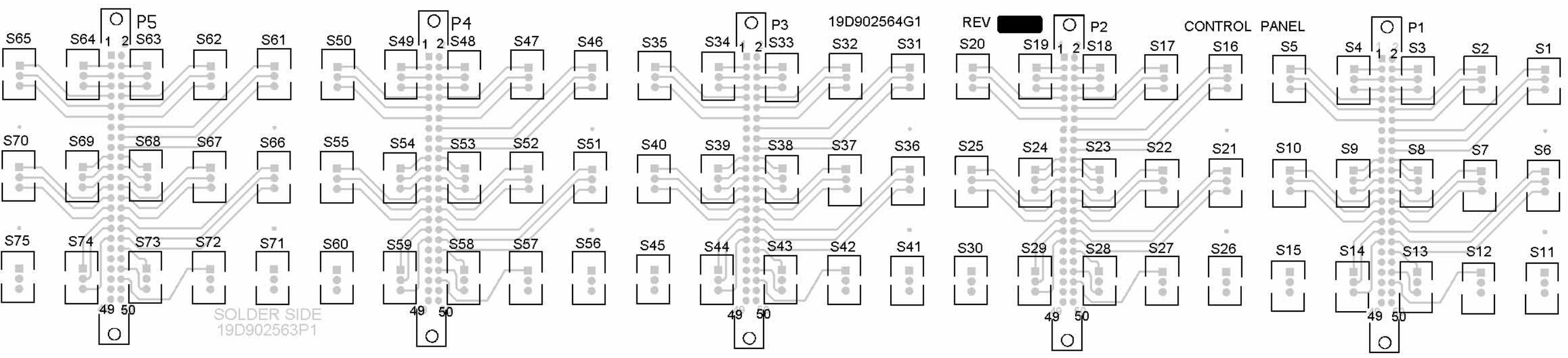
Typical Switch Connection



CONTROL PANEL

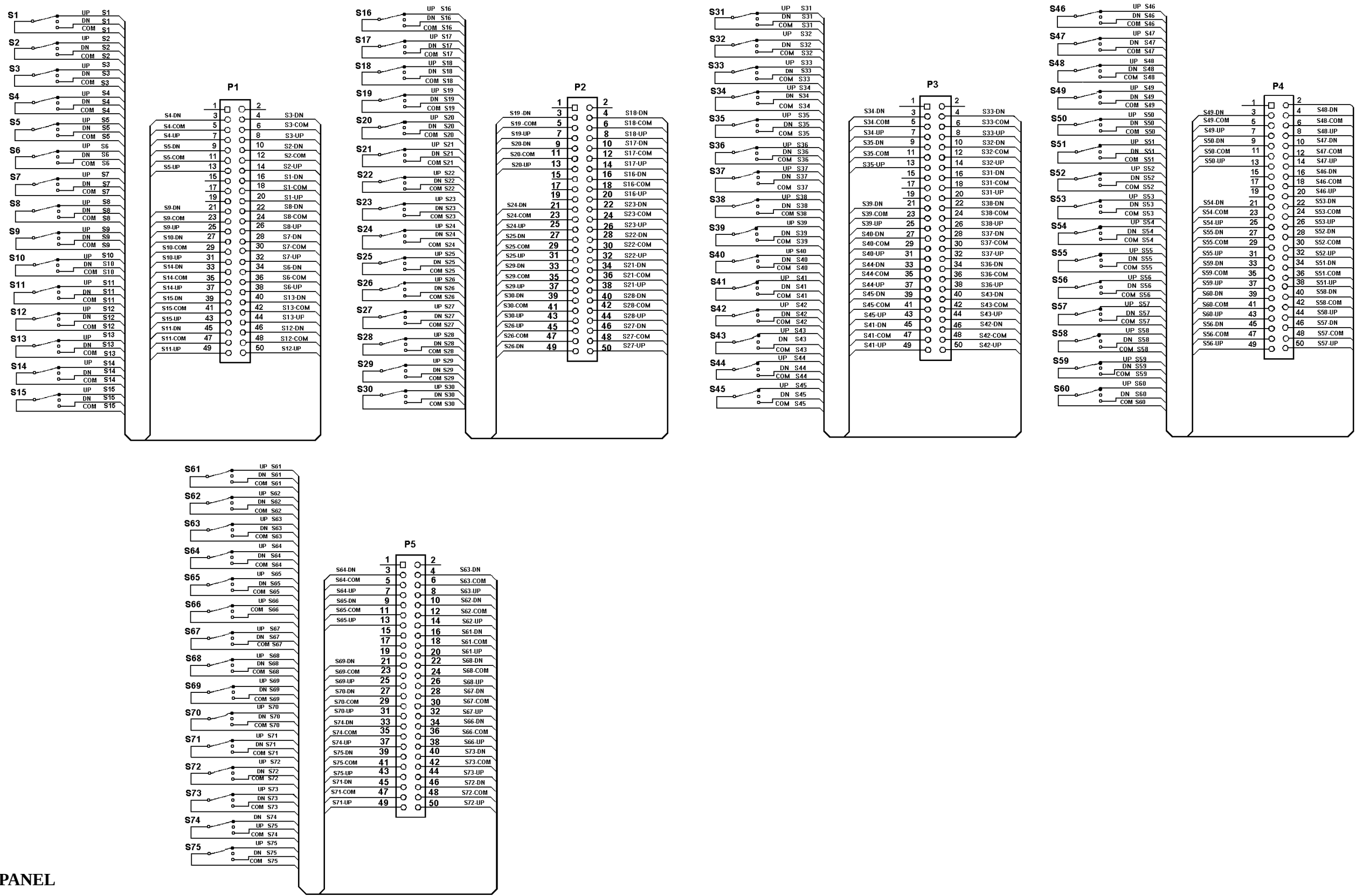


(19D902564, Component Side, Rev. 0)
(19D902564, Solder Side, Rev. 0)



(19D902564, Solder Side Marking, Rev. 0)
(19D902564, Solder Side, Rev. 0)

CONTROL PANEL



CONTROL PANEL

PARTS LIST

CONTROL PANEL ASSEMBLY
19D902522G1
ISSUE 1

SYMBOL	PART NO.	DESCRIPTION
P1 thru P5 S1 thru S75		CONTROL PANEL 19D902564G1
	1- 499773 - 0	----- CONNECTORS ----- Connector: male, eject. pin, 50 positions.
	AT1EG - PC - 1	----- SWITCHES ----- Switch, SPDT, Level, 3 positions.
1	19D902563P1	----- MISCELLANEOUS ----- Control Panel.
5		Screw: No. 6- 32 x 5/16, PHP, SS.
6		Washer: No. 6F.
7		Washer: No. 6SL.
8		Latch: sim to AMP 102320 - 1.
11	19C337409P1	Nameplate.
12	BSOA63214	Standoff, threaded- self clinch.

* COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES