

1:1 Redundant SSPA/SSPB Controller



Intelligent Remote Control Panel Series Up/Down Link Redundancy

The Spacepath Communications intelligent remote control panel system shapes the next generation satellite redundancy with its breakthrough leading edge technology, state of the art design and unprecedented reliability.

The system interface with the outdoor redundancy system via its RS485 interface. It features extensive monitor and control via front panel, serial ports EIA232/EIA485 and Ethernet TCP/IP interface with SNMP support.

FEATURES

- Serial port RS-485 link uplink and downlink telemetry
- User friendly front panel with menu driven display
- Full featured M&C interface via RS-232 serial console, packet protocol RS-485 and user friendly HTTP based GUI and SNMP
- 48VDC isolated power supply optional

INTERFACES	Rear Panel
Serial - EIA485	2 x DB9 female
Serial - EIA232	RJ45
10/100 base-T Ethernet	RJ45
Alarm and Control	DB9 female
AC Power In	NEMA

MONITOR & CONTROL FEATURES	
Controls:	
<i>Down-link remote Control</i>	
Remote/Local toggle	via Serial, Ethernet, Front panel
Active/Stand by toggle	via Serial, Ethernet, Front panel
Auto/Manual toggle	via Serial, Ethernet, Fr. panel, Red Int.
Mute Control	via Serial, Ethernet, Front panel,
Audible Alarm off	Front panel
Clear Alarm	via Serial, Ethernet, Front panel
<i>Up-link remote Control</i>	
Remote/Local toggle	via Serial, Ethernet, Front panel
Active/Stand by toggle	via Serial, Ethernet, Front panel
Auto/Manual toggle	via Serial, Ethernet, Fr. panel, Red Int.
Mute Control	via Serial, Ethernet, Front panel,
Gain Control	via Serial, Ethernet, Front panel,
LO Select	via Serial, Ethernet, Front panel,
Indicators:	
Remote/Local Indication	via Serial, Ethernet, Front panel
Active/Stand by status	via Serial, Ethernet, Front panel
Mute Status	via Serial, Ethernet, Front panel
Switch Position	via Serial, Ethernet, Front panel
Lock Status	via Serial, Ethernet, Front panel
LNB 1-2 Current reading	via Serial, Ethernet, Front panel
Summary Alarm Status	via Serial, Ethernet, Front panel
<i>Up-link Remote Telemetry</i>	
Gain Status	via Serial, Ethernet, Front panel
Temperature BUC 1-2	via Serial, Ethernet, Front panel
Lock status BUC1-2	via Serial, Ethernet, Front panel
Summary Alarm status 1-2	via Serial, Ethernet, Front panel
Switch Position	via Serial, Ethernet, Front panel
Output Power Detection	via Serial, Ethernet, Front panel
POWER SUPPLY	
Input Voltage	90 to 265VAC 50/60Hz PFC 48VDC Optional
MECHANICAL	
Width	19" Rack
Height	1RU
Depth	20"
Color	Metallic
Cooling	Forced air
ENVIRONMENTAL	
Operating temperature	0 to 60 deg.C
Storage Temperature	-40 to +85 deg.C
Humidity	0 to 95% (non-condensing)

SP PART NUMBER
SPC1100