

POWER INSERTER ARCHITECT AND ENGINEER SPECIFICATIONS

The Power Inserter shall operate with DDS 5900 Digital Discussion Systems and DCS 6000 Digital Conference Systems. The Power Inserter shall add the power capacity for 40 conference and interpreter units, or 80 channel selectors.

The unit shall connect to the DCS 6000 System by using the proprietary DCS-LAN protocol in a daisy-chain topology, using shielded CAT 5e cables. The DCS-LAN protocol shall transport power, audio and control data across a chain of discussion units, including a codec algorithm to prevent unauthorized listening to the audio signal.

The Power Inserter DC input shall be 48V 3A maximum, and the DC output shall be 48V 3A maximum for DCS-LAN. The Power Inserter shall have a lockable 3-pin socket for connection to the PS CU power supply.

The Power Inserter shall measure 37 mm in height, 86 mm in width and 120 mm in depth. The Power Inserter shall weigh 350 g, with a 5° to 40° C temperature range.

The Power Inserter shall be DIS Model PI 6000.