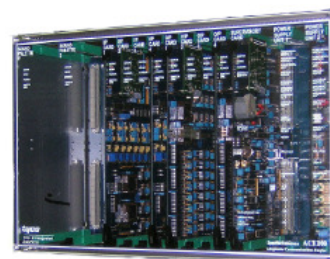# ACE100 SYSTEM NODE COMPONENTS
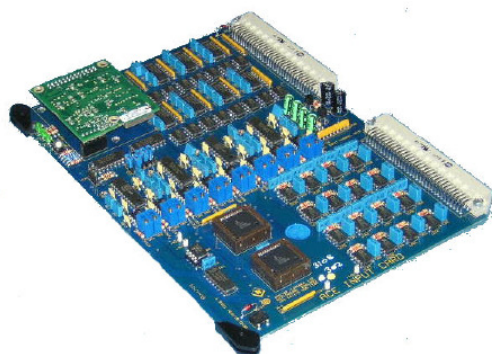

The ACE100 System Node components comprise mainly of the Input Card, Output Card, Supervisory Card, Sound Palette and Power Supply Card.

// ACE100 INPUT CARD

The ACE Input Card provides control and marshalling of system inputs.
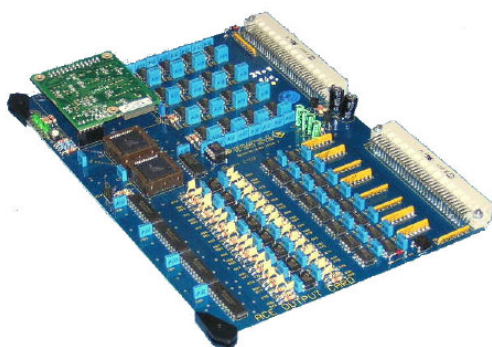
Each card facilitates a maximum of 16 audio input sources and up to three cards can be fitted per node.


// ACE100 OUTPUT CARD

The ACE Output Card provides control and marshalling of system outputs.

Each card enables a maximum of 16 audio channels to be addressed. Up to three cards can be fitted per node.

// ACE100 SUPERVISORY CARD

The ACE Supervisory Card provides system diagnostics and fault reporting facilities. It monitors all the audio paths to and from the access panels, monitors amplifiers for integrity and supervises all other critical paths. Any faults detected results in either an Urgent Fault or Non-Urgent being logged by the system and 'volt-free contact' signal being sent to an external system.

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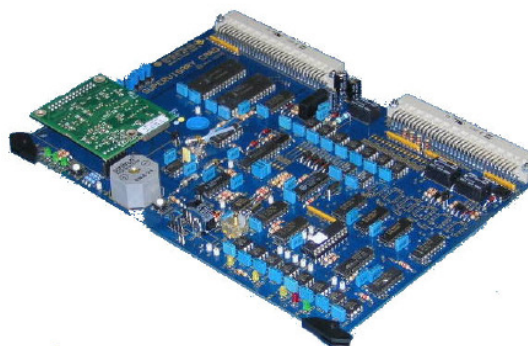
// ACE100 SOUND PALETTE CARD

The ACE Sound Palette Card provides, as standard, 95 seconds of high definition messages. This can be expanded via an external SIM card to 8 minutes.

The Sound Palette Card can provide up to a maximum of 16 configurable alarm tones stored in non-volatile memory.
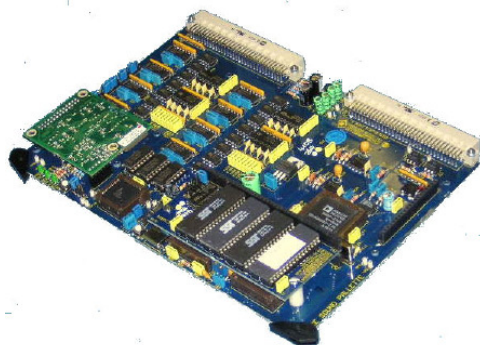
// ACE100 POWER SUPPLY CARD

The ACE Power Supply Card provides regulated DC power to the cards in the ACE100 Node.
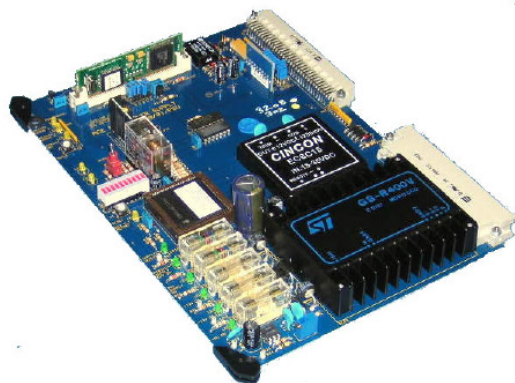
// USER SERVICEABLE PARTS

			PARTS
CARD TYPE	**INPUT**	Service Pushbutton	N/A
	OUTPUT		N/A
	SUPERVISORY		Fault Sounder Silence Pushbutton
	SOUND PALETTE		2 x adjustment potentiometers for message levels
	POWER SUPPLY		System Reset Pushbutton

// LED INDICATORS

LED'S	CARD TYPE			
	IN	OUT	SUP	S/P
Service	✓	✓	✓	✓
Send — Data Communications in progress	✓	✓	✓	✓
Power on	✓	✓	✓	✓
Urgent Fault			✓	
Non-Urgent Fault			✓	
Healthy			✓	

// POWER SUPPLY CARD LED INDICATORS

Send (Yellow) - Data communications in progress
Reset (Yellow) - When illuminated, the system is in Reset Mode
Supplies Healthy (Green)
Periphery On (Green)
+24VDC On (Green)
+12VDC On (Green)
-12VDC On (Green)
+5VDC On (Green)

// LOCATION

All cards are located in the ACE100 Node in the system central equipment cabinet.

// DIMENSIONS

All cards are a standard 6 U Eurocard.

For further information on any of our Spector Lumenex products call: +44 (0)1159 040 404
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