



GAI-TRONICS®
A Hubbell Company

NOVA 2001

PA/GA Equipment

For Hazardous and Non-Hazardous Environments



The NOVA 2001 PA/GA is a public address, general alarm, voice alarm, and voice evacuation system that utilises central amplifier architecture and a microprocessor-controlled head end to distribute audio signals over loudspeakers.

CUSTOMER BENEFITS

The unique features of the NOVA 2001 PA/GA equipment result in the following direct benefits to the customer:

- Remote network interface reduces cost of ownership by allowing remote maintenance and reconfiguration through internet connection.
- Large capacity of the digital audio matrix allows flexibility for various applications.
- Audio monitoring capability is integrated into each audio element of the system, thereby allowing complete supervision with reduced maintenance time and costs.
- Individual digital controls to obtain superior audio quality and intelligibility.
- Messages and alarm tones fully configurable, with virtually unlimited capacity of expansion. The messages and tone memory is hosted on an inexpensive standard hard disk. Each message, and/or tone or queuing of both can be triggered by any possible combination of opto-insulated inputs or by direct command, in according to the Customer's needs.
- Remote Systems configuration, fault diagnosis/alarm reporting and real-time operation as shown on the access panel. Capability of high integration with other systems.
- Real time or scheduled trouble-shooting of the individual speakers, line transformers, and voice-coils included, which significantly reduces time and maintenance costs. Also, no additional cabling.
- Provides continuous operation of the amplifier groups even if one or more power amplifiers of the groups are out of order.

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APPLICATIONS

The NOVA 2001 PA/GA System has been designed to suit applications where reliable internal communication is required to announce, instruct, or alert personnel of various conditions. The heavy industrial market can benefit from utilising the NOVA 2001 PA system, plus several new applications are open to its use:

- Public address announcements/alarm broadcast/security/emergency information for several traditional heavy industries, including Power Generation, Oil and Gas, Petrochemical, Chemical, Water/Waste Water Treatment, Steel and Heavy Metals, Manufacturing, Pulp and Paper
- Public address announcements/emergency information for high occupancy commercial sites such as office complexes and shopping centres.
- Emergency information in remote locations such as bridges or tunnels
- Security/emergency information in car parking garages
- Public address announcements/security/emergency information in hospitals, airports, bus and train stations
- Public address announcements/security/emergency information in national parks, zoos, gardens, amusement theme parks, and tourist sites

DATA SHEETS

Data sheets available for PA/GA equipment in the NOVA 2001 series:

Operator's Control Set TSC2001	Automatic Level Control ALC2001
Operator's Control Set OPC2001	Nova Mixer & Fader FAD2001
Nova 2001 Basic & Expansion Units STD2001 & EXP2001	Engineer's Test Panel ENP2001
System Control CPU2001	Audio Power Amplifier PMA150
Digital Audio Matrix MTX2001	Alarm Management Device AMD2001
Input/Output Board IBR2001	Weatherproof Horn Loudspeaker TA112
Nova 2001 Motherboard MTB2001	Explosionproof Horn Loudspeaker TA114
Mains Panel PR32A & PR63A	Tunnel Sound Projector TSP102-T
Power Supply PSU2001	Track Loudspeaker TR5T
Power Supply PSU26-23	Amplified Loudspeaker IB6
Telephone & Radio Interface TIF2001	Line Integrity Module LIM2001

For copies of these, please contact the Marketing Department at GAI-Tronics Limited and specify which data sheet you require, and whether you would like a copy by e-mail or by post.

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