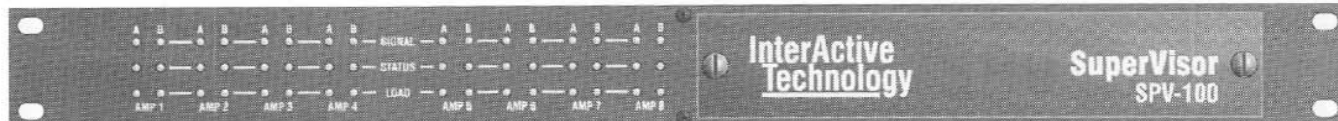


SPV-100

SuperVisor System Hub



- Supervise up to Eight dual channel amplifiers
- Provides supervision of amplifier, signal and load
- Built in power sequencer for all attached amplifiers
- Choice of automatic and/or manual testing
- Contact closure interface for external alarms

Description

The InterActive Technology (IT) SuperVisor system provides the level of system monitoring required within critical applications without forcing the contractor to pay for extraneous functions not really needed. The SPV-100 is the central "hub" providing a readily visible LED display of amplifier, signal and load status.

The SPV-100 can be used with any combination of InterActive Technology compatible amplifiers, monitoring up to eight amplifiers and 16 channels. The front panel LEDs maintain a constant display of current system status. Amplifier status is displayed denoting whether the amplifiers are stable, in protect, standby, or over temperature. Signal status is displayed as absent/present or clipping. Load status is displayed as stable, short or open.

Automated testing functions are built in to the SPV-100 allowing a daily automated test to be conducted, as well as a manual trigger for initiating tests at any additional times. A built-in headphone jack allows an operator to monitor the audio signal of a specific amplifier input or output by channel, or to listen to the summed output of all attached

amplifier channels. The system provides the ability to mute all amplifier outputs as well.

The SuperVisor SPV-100 interconnects with IT compatible amplifiers via simple half-duplex RS485 cabling and standard RJ11 plugs.

The SPV-100 system is PC programmed using the intuitive VUE-IT SuperVisor software. Once system parameters are defined and calibrated the PC can be removed and the SuperVisor system will operate as a stand-alone system. If desired, the PC can be left attached to the SPV-100 and the VUE-IT software will provide a real-time virtual monitor of system status on the PC display.

The SPV-100 SuperVisor system hub is designed with General Purpose Inputs (GPIs) and General Purpose Outputs (GPOs) allowing simple dry contact closures to be used to integrate various external devices as required per application. Each GPI and GPO is programmed to either responded to a given system status or initiate a system function.

Architects' and Engineers' Specifications

The specified unit shall be capable of providing system supervision for up to eight dual channel InterActive Technology compatible

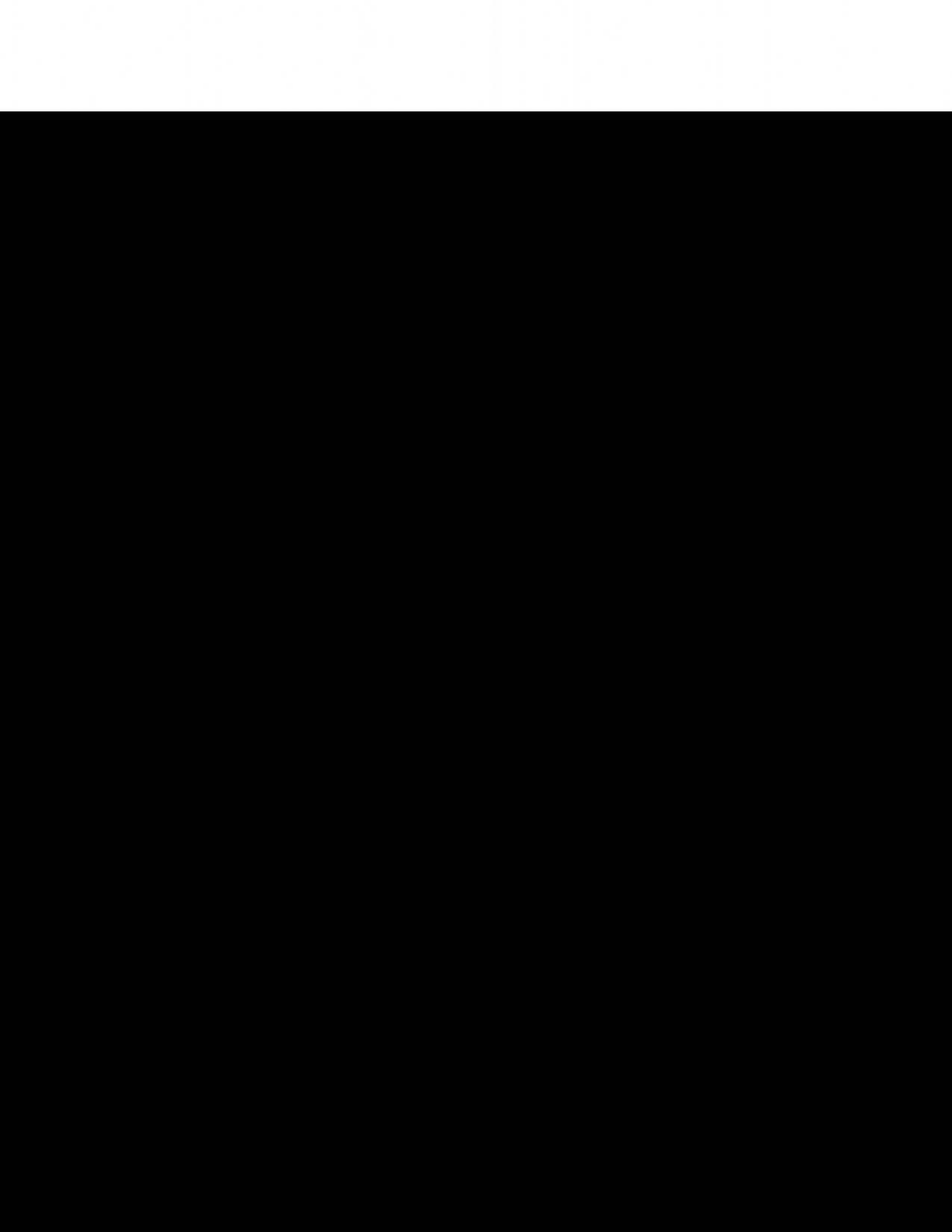
amplifiers. The unit shall interconnect with monitored amplifiers via half-duplex RS485 cabling.

The hub shall incorporate a visual display denoting signal, amplifier and load status. Display shall indicate signal absent, present or clipping; amplifier stable, in protect, stand by or over temperature; load stable, short or open.

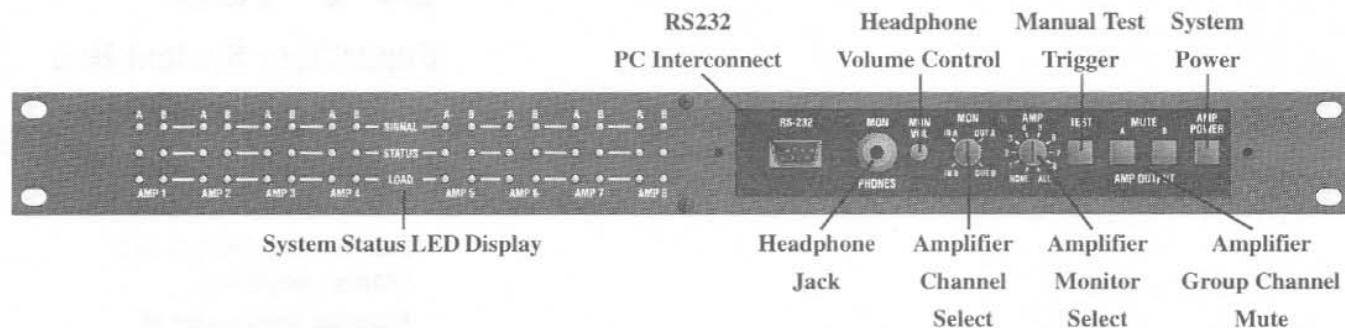
The unit shall be PC configured and provide the capability of calibrating monitoring criteria for system status verification after installation to match the specific application loads. Error window prior alarm/fault tolerance shall be user definable after calibration. The unit shall provide the means to conduct system tests to verify system status. The system shall allow these tests to be automatically conducted daily, as well as providing the means to initiate the test at the operators discretion.

The unit shall be a one rack space unit and provide separate LED display indicators for signal, amplifier and load status. The unit shall incorporate a power sequencer which will affect all attached amplifiers unless independently programmed not to respond.

The specified unit shall be the InterActive Technology SuperVisor system hub, the SPV-100.



SPV-100 SuperVisor System Hub



Uniform Limited Warranty Statement

EVI Audio products are guaranteed against malfunction due to defects in materials or workmanship for a specified period, as noted in the individual product-line statement(s) below, or in the individual product data sheet or owner's manual, beginning with the date of original purchase. If such malfunction occurs during the specified period, the product will be repaired or replaced (at our option) without charge. The product will be returned to the customer prepaid. **Exclusions and Limitations:** The Limited Warranty does not apply to: (a) exterior finish or appearance; (b) certain specific items described in the individual product-line statement(s)

below, or in the individual product data sheet or owner's manual; (c) malfunction resulting from use or operation of the product other than as specified in the product data sheet or owner's manual; (d) malfunction resulting from misuse or abuse of the product; or (e) malfunction occurring at any time after repairs have been made to the product by anyone other than EVI Audio Service or any of its authorized service representatives. **Obtaining Warranty Service:** To obtain warranty service, a customer must deliver the product, prepaid, to EVI Audio Service or any of its authorized service representatives together with proof of purchase of the product in the form of a bill of sale or receipted invoice. A list of authorized service repre-

sentatives is available from EVI Audio Service at 10500 W. Reno Avenue, Oklahoma City, OK 73127 (800-845-8727 or FAX 405-324-8981). **Incidental and Consequential Damages Excluded:** Product repair or replacement and return to the customer are the only remedies provided to the customer. EVI Audio shall not be liable for any incidental or consequential damages including, without limitation, injury to persons or property or loss of use. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you. **Other Rights:** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

InterActive Technology

Linked Component Control

600 Cecil Street, Buchanan, MI 49107
616/695-6831, Fax 616/695-1304