

Features

- For loop networking up to 16 BR-200 AutoVoice panels
- Two way data communication (audio and data) via single bus line with GZ-928 system cable
- Configuration by PC via RS 232
- Controls all centrals in a system

Principle

By installing one APS-59 in every panel in a system, two-way data communication is acquired. Up to 16 APS-59 panels may communicate by means of parallel connection on one single loop bus cable GZ-928. This cable transmits both digital and analogue audio signals.

This is a powerful, reliable data protocol with a range of up to 3 km (normal copper cable). The cable can be extended by the use of a RS-232 data converter for connection to standard fibreoptic data transmission system (range > 100 km without repeaters).

The system is programmable by PC, and this means minimal down time by changes.

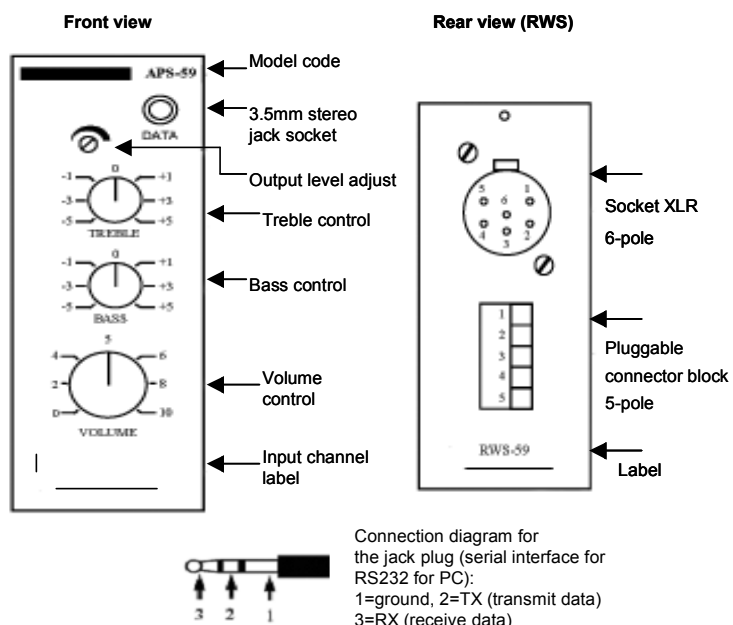
Data memory is independent from operating voltage due to FLASH EPROM, and immune to interference due to 0 dB output/ input, 600Ω symmetrical.



Technical specifications

Number of units in the system	Maximum 16
Total length of bus	3 km without fiber > 100 km with fiber
System cable	GZ-928
Configuration	Via PC (RS 232)
Datasignal	Analog: 0 dB 600Ω symm. Digital: Data-S bus
Internal memory	FLASH EPROM
Input sensitivity	Line (0 dBm = 775mV)
Output level	+6 dBm (adjustable)
Impedance	600 Ohm (AF transformer for electrical isolation)
Stereo jack socket	Only for programming with APS59.exe
Task	Data and LF connection in installations with several PA systems (e.g. single paging from the microphone-panel APS-3xx of one system to the individual loud-speaker-lines of other systems)
Operating knobs	Can be removed (with pliers) Operation then only possible with screwdriver (prevents operating errors or tampering)

View



Order no.	Description
BRG-APS-59	Network Module for BR-200 AutoVoice

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