

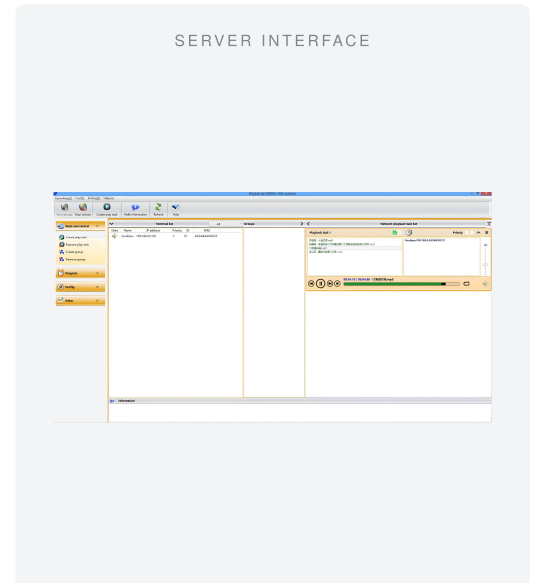
SERENIX PROFESSIONAL AUDIO

IP Network A Series Software

TCP/IP audio distribution server — scheduling, monitoring and paging for the IP PA system.

The server software behind the IP network audio system. Installed on a client PC, it distributes MP3 background music and pre-recorded messages over TCP/IP, supporting up to ten simultaneous message files. It includes a weekly timer, system status display, priority management with one-second maximum latency, text-to-speech and password-protected configuration, and is protected by a hardware dongle.

10 SIMULTANEOUS FILES	100+ TASKS	9 PRIORITY LEVELS	30 ms DATA DELAY	SIP SUPPORTED
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FEATURES

01

Scheduled distribution

A weekly timer broadcasts programmes, messages, bells and music to designated zones automatically.

02

Flexible zoning

Loudspeakers can belong to as many zones as required, defined and redefined by the end user.

03

Live supervision

Equipment status is monitored and displayed, with graphic maps for simple operation.

04

Paging and priority

Full-duplex paging microphone support with nine priority levels and one-second maximum latency.

SPECIFICATIONS

Network protocol	TCP, UDP, ARP, ICMP, IGMP
Network speed	10 / 100 Mbps
Audio sampling	8 kHz–44.1 kHz, 16 bits
Transmission rate	8 kbps–320 kbps
S / N ratio	≥90 dB
Frequency response	20 Hz–20 kHz
Data delay	30 ms
Audio format	MP2, MP3, PCM, ADPCM
Operating system	Windows 2000, 7, 8 and 10
Simultaneous messages	Up to 10 files into the network
Sound cards	Up to 5 for simultaneous source collection
Protection	Hardware dongle; standalone operation supported
Addressing	DHCP supported
SIP	Supported for SIP-version audio endpoints

All figures are nominal, per manufacturer data.

CAPABILITIES

- Built-in system setup, monitor, media player and program timer
- Cloud broadcast of MP3 files, scheduled and matrixed to zones
- Built-in text-to-speech — no external hardware required
- Administrator, branch and alarm servers in one package

HIGHLIGHTS

- Line supervision with a simple operating interface
- Password protection for configuration and user levels
- Graphic map display for monitoring and operation

APPLICATIONS

IP PA systems

PAVA

Campuses

Transport hubs

Retail chains