



# SPA-S1000

## IP Audio Server



### Key Features

- Operates as a dedicated controller, allowing all speakers to operate with the desired functions
- System Expansion: Up to 512 speakers
- Supported Protocol: IPv4, HTTP, SUNAPI, mDNS, DNS, NTP, TCP, UDP, DHCP, ARP, ICMP
- TTS: English(US, UK), German, French, Spanish, Russian
- Status indicator LCD screen with mode selection dial allows for easy system monitoring
- Support for multiple audio codecs, including G.711, G.722, and MP3
- Advanced audio mixing and signal processing capabilities
- Scheduled and event-based audio playback
- Background Music (BGM) & Text-to-Speech (TTS) audio playback
- Note: SPA-S1000 IP Audio Server is only needed for large installations greater than 256 speakers. Smaller installations can function with any IP Audio Speaker/Module as a controller for the system.

# SPA-S1000

IP Audio Server



## Specifications

| Product                           |                                                                                                                                                                                                            |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IP Audio Type                     | IP Audio Server                                                                                                                                                                                            |
| Network                           |                                                                                                                                                                                                            |
| Ethernet                          | 10/100 Base-T                                                                                                                                                                                              |
| General                           |                                                                                                                                                                                                            |
| Operating Temperature             | -10°~+40°C(-14°F~+104°F)                                                                                                                                                                                   |
| Operating Humidity                | 10~85%RH(Non-Condensing)                                                                                                                                                                                   |
| IP Code                           | N/A                                                                                                                                                                                                        |
| Network Protocol                  |                                                                                                                                                                                                            |
| Supported Protocols               | IPv4, HTTP, SIP, mDNS, DNS, NTP, TCP, UDP, DHCP, ARP, ICMP                                                                                                                                                 |
| System Integration                |                                                                                                                                                                                                            |
| Application Programming Interface | SUNAPI(HTTP API)                                                                                                                                                                                           |
| Multi-source Dynamic PA control   | Multi-source up to 48 (Multicast) (Audio 24CH + Mic 24CH) (Up to 15 audio channels can be broadcast simultaneously), UP to 512 Zone Control (Multicast), Up to 20 Zone Control (Unicast), Up to 255 Groups |
| Functional Monitoring             | Connection verification, Built-in system logging                                                                                                                                                           |

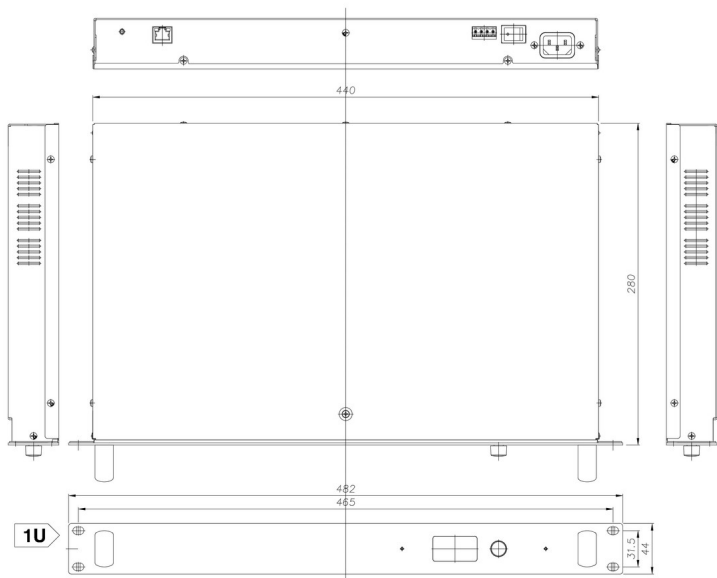
# SPA-S1000

IP Audio Server



## CAD

Unit: mm [inch]



|                                                                                                                                |            |          |
|--------------------------------------------------------------------------------------------------------------------------------|------------|----------|
| 3                                                                                                                              | MODEL2     |          |
| 2                                                                                                                              | MODEL1     |          |
| 1                                                                                                                              | SPA-S1000  | '22.7.15 |
| No.                                                                                                                            | MODEL NAME | DATE     |
| Unit: mm[inch] SCALE: 1/1  Hanwha Techwin |            |          |

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