

Network Control Panel

Conveniently manage the LogiSon Acoustic Network's zoning and settings from one location. Network multiple panels together to provide multi-floor, whole-building or campus control. For retrofits, activate the gradual ramp-up feature, which progressively increases the masking volume over a period of up to 60 days. From that point, use the sophisticated timer to schedule the masking volume to match expected activity levels throughout the day, week or month, as well as on holidays. Changes are made at a gradual, user-defined rate so as not to draw occupants' attention. Non-volatile memory ensures settings are preserved in the event of a building power failure. Panels can be connected to a third-party building control system, and also programmed to mute the masking if triggered by a fire and life safety or mass notification system. For details, see the user guide.

SPECIFICATIONS



NCP

| | |
|--------------------------------|---|
| Control Performance | Network initialization, masking, paging, timer, keypad settings, zoning, paging/music inputs, system monitoring and diagnostics |
| Masking Performance | |
| Volume | 35 to 85 dBA @ 1 m in 0.5 dBA steps + mute |
| Equalization (w/ PC) | 1/3-octave, 23 bands, 63 to 10,000 Hz |
| Paging Performance | |
| Audio Inputs | Up to 3; any combination of Audio Input Modules |
| Zone Configuration | Zone 1, 2, 3 or none; unlimited zones with Page Director |
| Volume | 35 to 85 dBA @ 1 m in 0.5 dBA steps + mute |
| Equalization (w/ PC) | 1/1-octave, 8 bands |
| Timer Performance | |
| Zones | Up to 9 zones per panel; no restrictions to zone size |
| Scheduling | Unique schedule for each day of the week |
| Volume Changes | Up to 9 changes per day in 0.5 dBA steps |
| Rate of Change | 0 to 9 minutes per volume increment |
| Exception Schedules | Up to 30 dates, 3 user-defined schedules |
| Ramp Up Feature | Up to 60 days, user-defined schedule in 0.5 or 1 dBA steps |
| Components per Panel | Max. 125 components and 375 loudspeakers |
| Network Type | |
| Upstream from Panel | Open; protected with 128-bit AES encryption |
| Downstream from Panel | Closed; standard RS-485 |
| Connections | |
| Power Input | 3-pin, screw terminal |
| Network Output | 6-pin |
| Ethernet Connection | 10/100 Base-T RJ-45 |
| Audio Inputs | 3-pin, screw terminal x 3 |
| Priority Page | 3-pin, screw terminal |
| Power | |
| Input & Output | 30 VDC |
| Consumption | Maximum 12 W |
| Ground | Earth ground |
| Relay Outputs | 2-pin, screw terminal x 2 |
| Battery | ½ AA; 3.6 V; 10-year life expectancy |
| Physical Specifications | |
| Dimensions (W x H x D) | 28 x 23 x 7.6 cm; 11 x 9 x 3 inches |
| Enclosure | Steel with charcoal grey powdercoat finish |
| Weight | 2 kg; 5 lbs |
| Keypad | 20-key membrane panel with backlit LCD display |
| Mounting | 4 keyhole mounting positions |
| Security | |
| Physical | Key-lock enclosure |
| Electronic | Password required to access settings, 3 levels |
| Warranty | 5 years; see LogiSon® Product Warranty for details |
| Certifications | Meets UL, CE, ACMA (C-Tick) and FCC standards; RoHS compliant |

Technical specifications are subject to change without notice.

