

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 also be connected to a third-party control 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	3, any combination of auxiliary, telephone and microphone
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 325 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	2-pin, screw terminal
Power	
Input & Output	30 VDC
Consumption	Maximum 12 W
Ground	Earth ground
Relay Outputs	2-pin, screw terminal x 2
Display 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