



SERIES COMMUNICATIONS



“For years ELAN has offered a ‘hi-fi’ answer to intercoms, and a cost effective alternative to phone systems. Now the company breaks new ground with a freestanding component that delivers the same communications features and more.”

JULIE JACOBSON
Electronic House Magazine

Transform your multi-room audio system into a wholehouse communications network with the new Z•600 Communications Controller from ELAN. This standalone component integrates intercom, telephone and automation features seamlessly with your audio system to create an environment of wholehouse communication and control.

A BETTER INTERCOM....

With the Z•600 Comm Controller, your audio system becomes a high-fidelity intercom system that is simple to use. Page family members from any phone in your home. Hear clean, clear voice communications via the ELAN in-wall speakers as the music mutes automatically. To answer a page, simply pick up the nearest phone. No unsightly wall units to contend with your interior design—just reliable, hi-fi voice and music. You’ll use it everyday and wonder... “how did I live without this before?”.

A GREAT DOOR SYSTEM

In larger homes, hearing a doorbell and answering is no easy task. The Z•600 is designed to distribute two different door chimes through in-wall speakers, alerting you to a visitor at any door entrance. With the Z•Series Doorspeaker packages (optional), two-way communications and door latch control to either of two dwelling entrances is a “touch-tone” away. Simply pick up the phone to query a visitor or unlock a door.

AN ALTERNATIVE TO PHONE SYSTEMS

As a viable option to high-end phone systems, the Z•600’s phone, automation and communications features are the cost effective choice when considering a turnkey package. With the Z•600 Comm Controller, convenience is the standard and cost is the deciding point for this cutting-edge system!

Z•600



STEP-SAVING CONVENIENCE

Park an incoming call while you take it on another phone. When you page, callers are automatically put on hold and entertained with the Z•600's "Music-On-Hold" feature. If you take a call in a room where music from the in-wall speakers is too loud—simply mute the speaker audio from your phone. If you accidentally leave the phone off-hook, the Z•600 will alert you with a "beep" through the audio system.

INTUITIVE OPERATION

Phone feature commands are simple and intuitive. Press the pound sign (#), followed by simple, easy to remember feature keys like "P" (7) for Page, "H" (4) for placing a caller on hold, "D" (3) for doorspeaker communications or "M" (6) for muting the audio system music for that call.

AUTOMATION IN MIND

With its relay control circuitry, the Z•600 can also provide control of home automation amenities such as X-10 lighting, drapes, outside gates, even security systems. Home automation commands are easily executed via the telephone keypad. Nothing could be more simple or more elegant.

FEATURES/BENEFITS

- The Z•600 Comm Controller only requires a single phone line for system operation. If you want multi-line control, simply configure an additional Z•600.

- Automatic mute of system audio when the phone rings or for transmission of pages and door chimes ensures you will always hear a page, door chime or phone ring.
- Non-intrusive audio loop input/outputs make the Z•600 integrate quickly and easily into any existing stereo receiver, preamp or power amp.
- A "pro audio" compressor/limiter circuit ensures superior page consistency and voice intelligibility with any voice or phone.
- "Music-On-Hold" line-level input provides callers with audio from existing source equipment.
- Uncommon operation.....a touch-tone phone gives you control of a host of audio, phone and automation features—music mute, intercom/paging, two-way doorspeaker communications, doorlatch relay control and caller-on-hold.
- Standard ELAN features such as off-hook alert, system override, pound/star selectability and telemute guarantee customer user satisfaction. Separate level and balance adjustments provide smooth integration with existing audio system equipment.
- "Volume Control Override" wiring interface allows quick connection of override relay wiring. This feature supports up to nine ELAN SVC7550 Volume Controls (nine stereo speaker pair) or 30 ELAN MVC7550 Volume Controls (30 monaural speakers).

Z•600

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SPECIFICATIONS

POWER REQUIREMENTS	120V, 60Hz, 12W
RELAY TYPE	4 - Single Pole, Single Throw
CONTACT RATING	30VAC/DC, 1 A max 2 seconds
MUSIC ON HOLD ADJUSTMENT	Up to 2.5V P-P max
PAGE/DOOR CHIME (MONO, LINE LEVEL)	
Adjustment	Up to 2.5V P-P max
Output Level	Up to 2.5V P-P max
Control Output	Open Collector transistor control
VOLUME CONTROL OVERRIDE RELAY	
Self-powered via internal 12VDC PS	250 mA max (3-SVC7550s or 10-MVC7550s)
Externally powered via 12 VDC PS	1.5 A max (9-SVC7550s or 30-MVC7550s)
CONNECTOR INTERFACES	
Telephone line (in/out)	RJ-14
Doorspeaker Assemblies	RJ-45
Audio Inputs/Outputs	RCA type, line level only
DOORSPEAKER SELECTABLE LEVELS	
Mic gain	+3dB boost
Speaker gain	+3dB boost
RECOMMENDED WIRE	
Doorspeaker Assembly	4 pair shielded 24 or 22 AWG
RJ-45 interface	ELAN Part No. HDC1070, RJ-45 pigtailed
RJ-14 "Telco" interface	CAT3 or CAT5 Communications Wire
DIMENSIONS (HXWXD)	
Freestanding Model	1.75 x 17.0 x 8.0 inches 4.5 x 41.3 x 20.32 cm
Rackmount Model	1.75 x 19.0 x 8.0 inches 4.5 x 46.3 x 20.32 cm

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