



Zoom Dialer

Hot Line Dialer and Toll Call Restrictor

MODEL 27

- **Hot Line Dialer** with four user-selectable triggers
- **Restricts dialing** for up to 350 types of numbers
- **Easy Plug-in Installation**
One dialer works for all of the phones on the line
- **Easy Programming** using Touchtone input

The **Zoom Dialer 27** is used for hot line applications and for controlling the calls which can be made from a phone line. Patented technology allows a single dialer to control the numbers which are dialed by all of the phones or extensions on a line.

In hot line mode the dialer will respond to one of four installer-designated triggers and will always dial a single phone number. Trigger options include: dialing after a dialtone of a programmable duration (one to ten seconds) is detected, dialing immediately after dialtone is detected, dialing after the first digit of the phone number remains pressed for one second, and dialing upon receiving power. With the power trigger, a Model 27 can be used to dial a phone number for remote sensing applications.

Applications for the hot line dialer include replacement of leased lines or ring down lines, convenient customer service calling, and elevator help line installations.

As a toll restriction device, the Model 27 can block up to 350 designated area codes, area codes with central office codes, international codes, or complete phone numbers. The Model 27 can be programmed to both restrict designated numbers and also dial a hot line number if a caller does not input a Touchtone after a pre-set period of time. Applications for the Model 27 as a toll restrictor include: 900 number blocking, toll call control for rental properties, directory assistance blocking, and convenience phones for public waiting areas.

The Model 27 is programmed with any Touchtone phone on the same line as the dialer. Reprogramming can be password restricted.

Dialer Sales
Ron Polli
Tel: 732-255-3969
E-mail: rpolli@zoom.com

Founded in 1977, Zoom Telephonics, Inc. designs, produces and markets a broad range of communications products under the Zoom, Hayes and Global Village brands. Zoom Telephonics is publicly traded on the NASDAQ National Market, and its trading symbol is ZOOM.



International Headquarters
Zoom Telephonics, Inc.
207 South Street
Boston, MA 02111
www.zoom.com

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Specifications

Dialer Operation:

The Model 27 can be configured to operate in the following modes.

Hot Line Mode—using one of four triggers, a dialing sequence of up to 96 characters can be dialed with action taken on programmed occurrences, such as detection of tones and voices, or a timed pause. Trigger options include: dialing after dialtone of a programmable duration (one to ten seconds) is detected, dialing immediately after dialtone is detected, dialing after the first digit of the phone number remains pressed for one second, and dialing upon receiving power. With the power trigger, a Model 27 can be used to dial a phone number for remote sensing applications.

Toll-Restriction Mode—toll calls placed on the Model 27 line can be blocked. Up to 350 operator calls, dialing prefixes, area codes, central office numbers, international codes, or complete phone numbers can be blocked.

Hot Line Mode with Toll Restriction—Designated numbers can be blocked. As an option, a hot line number can be dialed after a pre-set period of one to ten seconds elapses.

Dialer Programming:	Local programming using DTMF input.
Tones Detected:	DTMF (touch tones): 0 through 9, #, *, A, B, C, D; Voice and Dialtone
Dialing Speed:	Programmable tone duration of 50 ms to 250 ms
Dimensions:	Dialer: 3.3 inches by 2.6 inches by 1.25 inches 110 V adapter: 2.2 inches by 1.7 inches by 1.6 inches
Weight:	Dialer: 2.9 ounces Power supply: 5.8 ounces
Connectors:	Two RJ-II phone jacks One DC power supply barrel connector, size 5.5mm outer diameter with a 2.1mm inner diameter with positive center.
Status Reporting:	Line Polarity: Phone line on/off hook; Sending DTMF
Regulatory Compliance:	FCC Part 15B and Part 68, CE (EN55022, EN55024, EN60950), UL and C-UL
Transformer Output:	22-24 Volt DC, 65 mA
Mounting Bracket:	Provides for optional wall mounting by using the adhesive pad provided or by using screws
Package Contents:	Dialer 27 Phone Cord -18 inches (45 cm), RJ-11 to RJ-11 connectors Mounting Bracket Instruction Manual Power Transformer Compliance Flyer