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Overview

Phone Dialer: The Phone Dialer allows you with your modem to dial phone numbers from your computer.

Phone Dialer Setup: This dialog box is used to set the modems Com port and other settings.

Call Timer: This option allows you to time the length of your phone calls.

Help Menu

Contents: Displays the contents of this help file.

Search for Help On: Allows you to search for help on a topic.

Help on Help: Displays the Windows help on help file.

Registration Info: Displays information about registering this program.

About: Displays copyright and version information.

Registration

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Definition of Shareware

The following definition of Shareware is an excerpt from a file on Shareware provided by the Association of Shareware Professionals, prepared by Paul Mayer, author of GRAB Plus.

Shareware distribution gives users a chance to try software before buying it. If you try a Shareware program and continue using it, you are expected to register. Individual programs differ on details -- some request registration while others require it, some specify a maximum trial period. With registration, you get anything from the simple right to continue to using the software to an updated program with printed manual.

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ASP Ombudsman Statement

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ASCII

American Standard Code for Information Interchange.

ANSI

American National Standards Institute.

File Menu

Exit: Exits the program.

Options Menu

Settings: Displays the Phone Dialer Setup dialog box.

Phone Dialer

Allows you to dial phone numbers with your modem. To setup this program to work with your modem you may need to change the modem settings by clicking on the Settings button which displays the Phone Dialer Setup window.

To dial a number you can use your mouse to click on the number buttons, or you can type in the number directly.

After the number to be dialed has been entered, press the Dial Phone button to send the dial string to your modem. Once the number has been dialed pick up your phones receiver and click the Modem Off button.

A history of the numbers that you have dialed can be viewed by clicking the List button.

One related option is the Call Timer which allows you to time the length of your phone calls. To display the Call Timer window, just click on the Timer button.

Valid Dialing Characters:

0 1 2 3 4 5 6 7 8 9 * # a b c d

The numbers zero through nine, the lower case letters a through d, the asterisk and the pound sign are dialed as normally expected.

The comma is used to pause between numbers. The length of the pause is normally determined by the S8 register on the modem.

The capital letters A through Y dial the numbers on their keypads. For example if you saw an ad for shoes that listed the number 1-800-New-Shoe, you could type in 1-800-NEW-SHOE to respond to the ad.

Phone Dialer Setup

Use this option to specify modem settings to be used with the Phone Dialer. The settings possible are: Com Port, Parity, Stop Bits, Baud Rate, Data Bits, Dial String and Hangup String. Normally the phone dialer will work with the default settings as long as the correct Com Port is selected. The other settings are provided in case your modem does not support certain settings. Note: The Dial String and the Hangup String are made up of common AT Commands. For more information consult your modem manual.

Call Timer

Use the Call Timer to time the length of your phone calls. Select the Auto Start check box to have the timer start automatically when a number is dialed with the [Phone Dialer](#).

AT Commands

- +++ Escape Code (Go to command mode)
- AT Attention (command prefix)
- A Answer
For responses, see Modem Responses at the end of this list.
- A/ Repeat last command line. (Used for redial.)
- B Protocol Selection
- | Command | Description |
|---------|---|
| B0 | CCITT V.22bis @ 1200 bps, V.21 @ 300 bps. |
| B1 | Bell 212A/103 (Default) |
| B2 | CCITT V.23 |
- D Dial
For responses, see Modem Responses at the end of this list.
- | Modifier | Description |
|----------|--|
| 0-9 | Phone numbers to be dialed. |
| A-D # * | Access codes. |
| P | Pulse dialing. |
| T | Tone Dialing. (Default) |
| , | Pause. (Default of 2 seconds, set with S8 register.) |
| ! | Hookflash. |
| @ | Wait for silence. |
| W | Wait for dial tone. |
| R | Reverse mode for calling an originate-only modem. |
| ; | Return to command state after dialing. |
| / | Pause for approx. 1/8 second. |
| S=n | Dial number stored in memory at address n. |
- E Echo
- | Command | Description |
|---------|---|
| E0 | No character echo in command state. |
| E1 | Characters are echoed in command state. (Default) |
- F Duplex mode
- | Command | Description |
|---------|---------------------------------------|
| F0 | Half Duplex. Check your modem manual. |
| F1 | Full Duplex. Check your modem manual. |
- H Hook
- | Command | Description |
|---------|-------------------------------|
| H0 | On-hook, (hang up). (Default) |
| H1 | Off-hook. |
- I Inquiry (Status)
- | Command | Description |
|---------|---|
| I0 | Display the 3 digit product identification code. |
| I1 | Display the 3 digit ROM firmware checksum. |
| I2 & up | Vary with different modems, check your manual for spec. |
- L Speaker Volume

	Command	Description
	L0 & up	Low to high, not supported on all modems.

M Speaker Control

	Command	Description
	M0	Speaker off.
	M1	Speaker is on until carrier detect, then off. (Default)
	M2	Speaker is always on.
	M3	Speaker is on until carrier detect, except when dialing.

O Online

	Command	Description
	O0	Go to the online state. (Default)
	O1	Go to the online state, adjust to line conditions.

P Pulse Dialing

Q Quiet Mode

	Command	Description
	Q0	Display command responses. (Default)
	Q1	Do not display command responses.

S S registers

	Command	Description
	Sr=n	Set register r to the value n.
	Sr?	Display the value in register r.

S Reg Description

	S0	Number of Rings before auto-answer.
	S1	Ring count.
	S2	<u>ASCII</u> value of the escape character, default 43 (+).
	S3	ASCII value of the Carriage Return character, default 13.
	S4	ASCII value of the Line Feed character, default 10.
	S5	ASCII value of the Backspace character, default 08.
	S6	Wait time for dial tone in seconds, when blind dialing, default
2.	S7	Wait time for carrier in seconds, default 30.
	S8	Pause time for comma in seconds, default 2.
	S9	Time in 1/10 seconds that a carrier must be present before
carrier detect,		default 6.
	S10	Time in 1/10 seconds that a carrier must be absent before
disconnect,		default 7-14.
	S11	Tone dialing speed in milliseconds (spacing and duration),
default		70-95.
	S12	Escape guard time in 1/50 seconds (preceding & following
escape),		default 50.
	S13+	Differs between vendors, check your modem manual.

T Tone Dialing

V Response Mode

	Command	Description
	V0	Response codes in numeric format.
	V1	Response codes as words. (Default)

X Response Levels

	Command	Description
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	X0	Minimum number of responses used.
	X1	X0 plus CONNECT 1200 & CONNECT 2400. No wait for dial tone.
	X2	X1 plus NO DIAL TONE. Waits for dial tone before dialing.
	X3	X1 plus BUSY & NO ANSWER. No wait for dial tone.
	X4	X3 plus NO DIAL TONE. Waits for dial tone. (Default)
Y	Long Space Disconnect	
	Command	Description
	Y0	Long space disconnect off, no break signals. (Default)
	Y1	Long space disconnect on.
Z	Modem Reset	
	Command	Description
	Z0	Clear all, hang up and use Profile 0.
	Z1	Clear all, hang up and use Profile 1.
&C	Data Carrier Detect	
	Command	Description
	&C0	DCD always active.
	&C1	DCD active only when carrier is present. (Default)
&D	Data Terminal Ready	
	Command	Description
	&D0	The modem ignores DTR signal.
	&D1	The modem goes to command state when DTR goes inactive.
	&D2	Same as &D1, plus modem hangs up if on line. (Default)
	&D3	Clear all when DTR goes inactive.
&F	Change to factory settings.	
&G	Guard Tones	
	Command	Description
	&G0	No Guard Tone. (Default)
	&G1	Use 550 Hz guard tone.
	&G2	Use 1800 Hz Guard tone.
&J	RJ-11 Select	
	Command	Description
	&J0	RJ11 type phone jack.
	&J1	RJ12 type phone jack.
&L	Line Type	
	Command	Description
	&L0	Setting for dial-up phone line. (Default)
	&L1	Setting for leased line.
&P	Pulse Setting	
	Command	Description
	&P0	Pulse dial make/break ratio = 39:61, North America. (Default)
	&P1	Pulse dial make/break ratio = 33:67, UK & HK.
	&P2	& up Check your modem manual.
&S	Data Set Ready	
	Command	Description
	&S0	DSR always active. (Default)
	&S1	DSR active when answer tone detected or sent.

&T Test Modem

Command	Description
&T1	Local analog loopback test.
&T3	Local digital loopback test.
&T4	Remote modem digital loopback test enabled.
&T5	Remote modem digital loopback test disabled.
&T6	Start a remote digital loopback test.
&T7	Start a remote digital loopback test and self-test.
&T8 & up	Check your modem manual.

&W Save Configuration Profile

Command	Description
&W0	Save current configuration profile as profile 0.
&W1	Save current configuration profile as profile 1.

&Y Select Active Profile

Command	Description
&Y0	Use profile 0 after power up. (Default)
&Y1	Use profile 1 after power up.

&Z Store Phone Number

Command	Description
&Zn=p	Store the phone number p at location n (range of n = 0 to 3)

Modem Responses

#	Word
0	OK
1	CONNECT
2	RING
3	NO CARRIER
4	ERROR
5	CONNECT 1200
6	NO DIAL TONE
7	BUSY
8	NO ANSWER
10	CONNECT 2400
11 & up	Check your modem manual.

***** NOTE: The information in this AT command listing was checked with several modem vendors manuals. Variations are possible depending on the brand and model of your modem. This listing is intended for a quick check of commands only. For any critical applications (or if you experience any unexpected effects) you should consult your modems manual. Also most modems will have many more commands available that are unique to each.

Support

Registered users of this program receive free mail or E-mail support for one year. Contact the author at one of the addresses that follow. CompuServe ID 76470,3424 from the Internet this would be 6470.3424@compuserve.com or send a postcard to Tim Carlson, Specific Applications Software, P.O. 6146, Minneapolis, MN 55406-0146.

