

PC GRABBER MODEL 307 AT COMMAND SET

- AT Attention Code. AT is the command line prefix that tells the pc grabber that a command or sequence of commands is being entered.
- A Manual Answer. This command sets the telephone in an off hook state.
- D Dial Dtmf. The D command instructs the pc grabber to dial a telephone call. Valid digits are 0-9, *, # and A-D. You can also include the following dialing modifiers listed below.
- , pause 500ms and
W wait for dialtone.
- H Switch Hook Command. Hangs up the telephone line.
- I ID Code. Sends firmware revision.
- V Word or Digit Responses. Pc grabber is preset to send word responses to your computer. This equivalent to V1. If you would rather use the digit responses the command would be V0.
- S11 Dtmf Interval. 0-9999ms (Example AT S11 100 CR)
- C Retrieve Caller ID Data. (Available only on PCG307-CD)
For information on caller id record see *Caller ID Specifications*.
- Z Reset Pc Grabber.

Result Code Responses

Word	Digit	Explanation
OK	0	Command was executed successfully.
RING	2	Incoming ring was detected.
ERROR	4	Error was encountered in your command.
NO DIALTONE	6	Dialtone was not detected within 10 seconds
CID	8	Caller ID record has been received

Serial Port Configuration

The PC Grabber is powered by the host serial port. The DTR and RTS pins need to be set High (logic 1) in order for the PC Grabber to operate. Serial port should be set to Baud=1200, Parity=None, Bits=8, Start Bits=1, Handshaking=None.

Custom PC Grabber Configuration

If the standard PC Grabber Model 307 does not meet your needs we can change the firmware to match your specifications at no charge. This can only be done on orders of 50 or more.

Caller ID Specifications

The PC GRABBER model PCG307-CD is capable of receiving multiple data message format and single data message format Caller ID. Below is an explanation of how the 2 different formats are applied.

Single Data Message Format

{04 hex} {message length} {month} {day} {hour} {minute} {Callers Number} {checksum}

Multiple Data Message Format

{80 hex} {message length} {parameter type} {parameter length} {parameter data} {parameter type}
{parameter length} {parameter data} {..... more parameters} {checksum}

Multiple Data Message Parameters

Date and Time Parameter {01 hex} {parameter length} {month} {day} {hour} {minute}

Number Parameter {02 hex} {parameter length} {callers number }

Name Parameter {07 hex} {parameter length} {callers name}

Reason for Absence of Number {08 hex} {parameter length} {"O" or "P"}
"O" = out of area "P" = Blocked or private.

Reason for Absence of Name {04 hex} {parameter length} {"O" or "P"}
"O" = out of area "P" = Blocked or private.

Check Sum

Checksum is the two's compliment of the sum of all bytes in the message.