

SOund: **Ctrl** + **N** **SO** **Space** *n* **Return**

n Status

- 0 Low Volume
- 1 Medium Volume
- 2 High Volume

SPEED: **Ctrl** + **N** **SP** **Space** *n* **Return**

n Speed

- 0 110
- 1 134.5
- 2 300
- 3 600
- 4 1200

TRansparent: **Ctrl** + **N** **TR** **Space** *n* **Return**

The modem is set to transparent mode until *n* (0 to 65,535) characters have been transmitted.

WAI: **Ctrl** + **N** **WA** **Space** *n* **Return**

The modem waits for 5 x *n* seconds before continuing to next command.

Ending a Call

HAng up: **Ctrl** + **N** **HA** **Return**

Testing the Modem

TEst: **Ctrl** + **N** **TE** **Space** *n* **Return**

n Test

- 0 Analog Loop Self Test
- 1 Analog Loop Test
- 2 Digital Loop Test
- 3 Remote Digital Loop Self Test
- 4 Remote Digital Loop Test
- 5 Self Test

DQuality: **Ctrl** + **N** **DQ** **Return**

Notes:

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This edition is based on information in the *Guide to Operations, IBM Personal Computer Internal Modem 1200*. Additions and changes will be issued as necessary.

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*Personal Computer
Hardware Reference
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IBM Personal Computer Internal Modem 1200 IBM Command Set Quick Reference Card

6183292

IBM Command Summary

This reference card gives a summary of the IBM Command Set used with the IBM Personal Computer Internal Modem 1200. Details for these commands are found in the *Guide to Operations, IBM Personal Computer Internal Modem 1200*.

IBM Command Set

The IBM Command Set commands, command format, and associated options are listed on this reference card. The commands are listed according to the different modem functions as follows:

- Making A Call
- Switching from Data Mode to Talk Mode
- Communication with Another DTE
- Changing the Modem Characteristics
- Ending a Call
- Testing the Modem

Note: You need a communication program to use the IBM Command Set with your modem. See "Section 3. Operations" in the *Guide to Operations* for details on this programming requirement.

Wake Up Sequence

To operate the modem in the IBM Command Set from an idle or ready state, type (in uppercase):

START

Press the **Return** or **↵** key.

A response similar to the following is displayed on the DTE screen:

IBM PC212A

You can now use the IBM Command Set by entering commands through the keyboard or through a program.

Command Format

Ctrl + **N** *commandword* **Space** *n* **Return**

where:

Ctrl + **N** is the command character, the modem responds with:

<COM>

commandword is the first two letters of the command word

Space is a required space between the command word and the value *n*

n is a variable appropriate to the command

Return is the Return or **↵** key.

Listing the IBM Command Set

HElP: **Ctrl** + **N** **HE** **Return**

Making a Call

Dial: **Ctrl** + **N** **DI** **Space** *n...n* **Return**

See the applicable *Guide to Operations* for special characters in dial string.

REtry: **Ctrl** + **N** *commandword* **Space** *n...n*;
RE **Space** *n* **Return**

A REtry usually follows a dial string on the same command line. Dial command will be retried *n* (1 to 15) times.

Switching from Data Mode to Talk Mode

ANswer: **Ctrl** + **N** **AN** **Return**

DAta: **Ctrl** + **N** **DA** **Return**

ORiginate: **Ctrl** + **N** **OR** **Return**

TAlk: **Ctrl** + **N** **TA** **Return**

Communication with Another DTE

BReak: **Ctrl** + **N** **BR** **Space** *n* **Return**

n Status
1 to 16 Break is *n* x 0.1 seconds

LOgon: **Ctrl** + **N** **LO** **Space** *n...n* **Return**

XMIt: **Ctrl** + **N** **XM** **Space** *n...n* **Return**

Used in voice mode only. Transmits DTMF tone pairs in the *n...n* string. Allowable string characters are: 0 through 9, asterisk (*), or pound (#).

Changing the Modem Characteristics

ECho: **Ctrl** + **N** **EC** **Space** *n* **Return**

See the applicable *Guide to Operations* for the value of *n*.

FOrmat: **Ctrl** + **N** **FO** **Space** *n* **Return**

See the applicable *Guide to Operations* for the value of *n*.

INItialize: **Ctrl** + **N** **IN** **Return**

NEw: **Ctrl** + **N** **NE** **Space** *n* **Return**

The value *n* is the ASCII value of the new character for **Ctrl** + **N**.

OPtions: **Ctrl** + **N** **OP** **Space** *n* **Return**

See the applicable *Guide to Operations* for the value of *n*.

QUery: **Ctrl** + **N** **QU** **Return**

See the applicable *Guide to Operations* for responses.