

## PRODUCT SUPPORT BULLETIN

---

DATE: 1/13/87  
SUBJECT: Using the GQ-3500 with WordStar

NUMBER: P-0001

---

The GQ-3500 laser printer provides superior print quality, speed, and quiet operation beyond current impact dot matrix and full font printers. In page printer mode such features as double and triple width/height characters are available along with a selection of background patterns. To use these features with WordStar only a few changes are needed using the WINSTALL.COM program supplied with the word processor.

As an example the codes to use the following GQ-3500 features can be installed:

- \* Patterned backgrounds.
- \* Alternate type styles.
- \* Emphasized print.
- \* Double sized characters.

In order to call these functions the key sequences for the following WordStar features will be re-assigned:

- \* User patches.
- \* Alternate and normal print sizes.
- \* Superscript and subscript.
- \* Ribbon color select.

Using the section D, Custom Installation of Printers, of the WINSTALL.COM program install:

0 - User-defined functions

```

^PQ = 1Bh 7Eh 1h 1h
^PW = 1Bh 7Eh 2h 1h
^PE = 1Bh 7Eh 3h 1h
^PR = 1Bh 7Eh 0h 1h

```

Q - Character pitch

```

-PA = 1Bh 79h 0h 2h
^PN = 1Bh 79h 0h 0h

```

P - Carriage roll

```

^PT = 1Bh 45h
^PV = 1Bh 46h

```

I - Ribbon selection

```

^PY = 1Bh 7Ah 2h 2h
^PY = 1Bh 7Ah 1h 1h

```

Assigning some of the key sequences to function keys in Wordstar will facilitate their use.

After the new installation has been saved, produce a test document in WordStar. Examples appear on pages 3 and 4. Page 3 shows what will appear on-screen, and page 4 shows the resulting printout.

The same technique described above can be used to install commands in LQ-1500 emulation mode (or with any other printer) if desired. Refer to the User's Manual for the appropriate commands, parameters, and their use.



# WordStar for the GQ-3500

## Test file

December 5, 1986

\* This is a test of text with different backgrounds using:

^PQ - Background 1  
~~ABCDEFGHIJKLMNPOQRSTUVWXYZ~~  
~~abcdefghijklmnopqrstuvwxy~~

^PW - Background 2  
**ABCDEFGHIJKLMNPOQRSTUVWXYZ**  
**abcdefghijklmnopqrstuvwxy**

^PE - Background 3  
**ABCDEFGHIJKLMNPOQRSTUVWXYZ**  
**abcdefghijklmnopqrstuvwxy**

^PR - Background 0  
**ABCDEFGHIJKLMNPOQRSTUVWXYZ**  
**abcdefghijklmnopqrstuvwxy**

Background 0 is available on PF9.

\* This is a test of the different typefaces:

^PA - Sans Serif 13  
**ABCDEFGHIJKLMNPOQRSTUVWXYZ**  
**abcdefghijklmnopqrstuvwxy**

^PN - Courier 10  
**ABCDEFGHIJKLMNPOQRSTUVWXYZ**  
**abcdefghijklmnopqrstuvwxy**

These commands are available on PF7 and PF8 respectively.

\* This is a test using ^PT for emphasized print and ^PV for normal weight print. These are available on PF3 and PF4 respectively.

Note: The heading was done in double high double wide lettering using ^PY at each end of the text.