

# Alpha Sign Communications Protocol Addendum

July 1, 1998

## Purpose

Describe the new features added to the BetaBrite display with the release of the new P1036 BetaBrite display. This document only describes the new functions and features available through the Serial Interface.

## Character Set Options (Page 68 of p/n 9708-8061B)

Control Character ^Z (1AH) followed by:

Font Select	Five	Seven	Seven Fancy
Slim	31 "1"	33 "3"	35 "5"
Stroke	32 "2"	34 "4"	36 "6"
Wide	3B "3"	3C "<"	3D "3"
Stroke-Wide	3E ">"	39 "9"	38 "8"
Shadow		37 "7"	3A "3"

Example: Display the characters as shadow seven high.

```
[00][00][00][01]Z00[02]AA[1A]7Hello world[04]
```

Shadow Attribute (Serial):

- [1D] Select Character Attribute.
- 7 Shadow characters.
  - 1 – on.
  - 0 – off.

## New Character symbols (Page 68 of p/n 9708-8061B)

NUMBER	SYMBOL	PROTOCOL
194	Carriage Return symbol	[08H]b
195	Y Punctuation Key	[08H]c
196	↑	[08H]d
197	↓	[08H]e
198	←	[08H]f
199	→	[08H]g
200	Packman	[08H]h
201	Sail Boat	[08H]i
202	Ball	[08H]j
203	Telephone	[08H]k
204	Heart	[08H]l
205	Car	[08H]m
206	Handicap	[08H]n
207	Rhino	[08H]o
208	Mug	[08H]p
209	Satellite Dish	[08H]q
210	© - Copyright Symbol	[08H]r
211	Male Symbol	[08H]s
212	Female Symbol	[08H]t
213	Bottle	[08H]u
214	Diskette	[08H]v
215	Printer	[08H]w
216	Musical Note	[08H]x
217	Infinity Symbol	[08H]y

**Presentation Modes (changed or new):**

1. Rotate – now supports 8 colors and provides speed control
2. Rollin – changed to roll-in vertically (was horizontal)
3. Rollout – changed to roll-out vertically (was horizontal)
4. Special-5, Cycle Colors (was Slide)
5. Special-A, News Flash animation
6. Special-B, Trumpet animation
7. Special-W, Fish animation
8. Special-Y, Balloon animation
9. Special-Z, Cherry Bomb. -The Cherry Bomb doesn't beep.