Wearable Project - Command Packet Structure

Version 1.0 4-30-2015

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| Byte | Description |
| 0 | Destination segment number (1-8). Zero (0) is a broadcast packet processed by all 8 segments. |
| 1 | Mode: 10=binary, 11=font1, 12=font2, etc, 20=Horizontal Line Position (LJ), 21=HLP (RJ), 22=Vertical Line Position (BJ), 23-VLP (TJ) |
| 2 | Red Color Level (10-255) For >= ASCII mode and H-line/V-line only. |
| 3 | Green Color Level (10-255) For >= ASCII mode and H-line/V-line only. |
| 4 | Blue Color Level (10-255) For >= ASCII mode and H-line/V-line only. |
| 5 | First byte of data. Single byte if ASCII, 192 if binary. All bytes must be 10-255. |
| ... |  |
| n | Last byte in packet. Must be a 9. Terminator byte. All bytes above must be 10-255. Receipt of the 9 causes this packet to be transferred from the serial port buffer to the active buffer. |

NOTES:

LJ, RJ, BJ, TJ - Left Justify, etc...

Mode = 20/21/22/23: All 8 line lengths for the segment must be sent in the packet.