

| Model                                 | QueBec II/III | BraVo         | OsCar          | EcHo           | EcHo Plus         | SieRRa II         | AlFa II           | DelTa             |
|---------------------------------------|---------------|---------------|----------------|----------------|-------------------|-------------------|-------------------|-------------------|
| Part number                           | 310-0011      | EU: 310-0160  | EU: 310-0155   | EU: 310-0150/1 | EU: 310-0152      | EU: 310-0102/1    | 310-0301          | 310-0310          |
|                                       | 310-0012      | DK: 310-0260  | DK: 310-0255   | DK: 310-0250/1 | DK: 310-0252      | DK: 310-0202/1    |                   |                   |
| RS-232 two way (incl feedback)        |               |               | 1 RS or 1 IR   | 1              | 1                 | 1                 | 3 RS or 6 IR      | 3 RS or 6 IR      |
| RS-232 or IR                          | 1 RS or 1 IR  | 1 RS or 1 IR  | 1 RS or 2 IR   | 1 RS or 2 IR   | 1 RS or 2 IR      | 2 RS or 4 IR      | 2 RS or 4 IR      | 5 RS or 10 IR     |
| RS-485 (half/ full duplex)            |               |               |                |                |                   |                   |                   | 1                 |
| LAN device control                    |               |               | E-Mail         |                | 2 devices, E-mail | 10 devices        | 10 devices        | 10 devices        |
| Input/output ports                    | 3             | 1             | 2              | 3              | 3                 | 3                 | 24                | 16                |
| Touch control (Graphical)             |               |               | • (predefined) |                | • (predefined)    | • (Custom design) | • (Custom design) | • (Custom design) |
| Keyboard Buttons                      |               | 4             | 4              | 8              | 8                 | 8                 | Optional          | Optional          |
| Keyboard lock                         | •             | •             | •              | •              | •                 | •                 | •                 | •                 |
| Clear LED indication (Colours)        |               | 1 (Red)       | 1 (Red)        | 1 (Red)        | 1 (Red)           | 8 (Multi color)   |                   |                   |
| Configuration                         | USB           | USB           | USB/ LAN       | USB            | USB/ LAN          | USB/ LAN          | USB/ LAN          | USB/ LAN          |
| Mounting                              | Ceiling       | EU/DK backbox | EU/DK backbox  | EU/DK backbox  | EU/DK backbox     | EU/DK backbox     | 19" 1U Rack       | 19" 1U Rack       |
| PIR sensor input                      | •             | •             | •              | •              | •                 | •                 | •                 | •                 |
| NEB add-on (keyboard/level/scheduler) |               |               |                | 2 x NEB        | 2 x NEB           | 5 x NEB           | 5 x NEB           | 5 x NEB           |
| Built-in 230V relays                  |               |               |                |                |                   |                   | 4                 | 2                 |
| VGA/HDMI Detection                    | •             |               |                |                |                   |                   |                   |                   |
| Toggle buttons                        |               | •             | •              | •              | •                 | • + LED colour    | • + LED colour    | • + LED colour    |
| Sub keys (play/stop/pause....)        |               |               |                |                |                   | (GUI)             | (GUI)             | (GUI)             |
| Script code (Seamless possibility)    | •             | •             | •              | •              | •                 | •                 | •                 | •                 |
| Volume Control                        |               | •             | •              | •              | •                 | •                 | •                 | •                 |
| IR Learning                           |               |               |                |                |                   | •                 | •                 | •                 |
| Analog output                         |               |               |                |                |                   |                   |                   | 2                 |
| 2 zone audio mixer                    |               |               |                |                |                   |                   |                   | •                 |



| DEC....HEX....ASCII   | DEC....HEX....ASCII  | DEC....HEX....ASCII | DEC....HEX....ASCII    |
|-----------------------|----------------------|---------------------|------------------------|
| 0 ..... 00 ..... NUL  | 32 ..... 20 .....    | 64 ..... 40 ..... @ | 96 ..... 60 ..... '    |
| 1 ..... 01 ..... SOH  | 33 ..... 21 ..... !  | 65 ..... 41 ..... A | 97 ..... 61 ..... a    |
| 2 ..... 02 ..... STX  | 34 ..... 22 ..... "  | 66 ..... 42 ..... B | 98 ..... 62 ..... b    |
| 3 ..... 03 ..... ETX  | 35 ..... 23 ..... #  | 67 ..... 43 ..... C | 99 ..... 63 ..... c    |
| 4 ..... 04 ..... EOT  | 36 ..... 24 ..... \$ | 68 ..... 44 ..... D | 100 ..... 64 ..... d   |
| 5 ..... 05 ..... ENQ  | 37 ..... 25 ..... %  | 69 ..... 45 ..... E | 101 ..... 65 ..... e   |
| 6 ..... 06 ..... ACK  | 38 ..... 26 ..... &  | 70 ..... 46 ..... F | 102 ..... 66 ..... f   |
| 7 ..... 07 ..... BEL  | 39 ..... 27 ..... '  | 71 ..... 47 ..... G | 103 ..... 67 ..... g   |
| 8 ..... 08 ..... BS   | 40 ..... 28 ..... (  | 72 ..... 48 ..... H | 104 ..... 68 ..... h   |
| 9 ..... 09 ..... HT   | 41 ..... 29 ..... )  | 73 ..... 49 ..... I | 105 ..... 69 ..... i   |
| 10 ..... 0A ..... LF  | 42 ..... 2A ..... *  | 74 ..... 4A ..... J | 106 ..... 6A ..... j   |
| 11 ..... 0B ..... VT  | 43 ..... 2B ..... +  | 75 ..... 4B ..... K | 107 ..... 6B ..... k   |
| 12 ..... 0C ..... FF  | 44 ..... 2C ..... ,  | 76 ..... 4C ..... L | 108 ..... 6C ..... l   |
| 13 ..... 0D ..... CR  | 45 ..... 2D ..... -  | 77 ..... 4D ..... M | 109 ..... 6D ..... m   |
| 14 ..... 0E ..... SO  | 46 ..... 2E ..... .  | 78 ..... 4E ..... N | 110 ..... 6E ..... n   |
| 15 ..... 0F ..... SI  | 47 ..... 2F ..... /  | 79 ..... 4F ..... O | 111 ..... 6F ..... o   |
| 16 ..... 10 ..... DLE | 48 ..... 30 ..... 0  | 80 ..... 50 ..... P | 112 ..... 70 ..... p   |
| 17 ..... 11 ..... DC1 | 49 ..... 31 ..... 1  | 81 ..... 51 ..... Q | 113 ..... 71 ..... q   |
| 18 ..... 12 ..... DC2 | 50 ..... 32 ..... 2  | 82 ..... 52 ..... R | 114 ..... 72 ..... r   |
| 19 ..... 13 ..... DC3 | 51 ..... 33 ..... 3  | 83 ..... 53 ..... S | 115 ..... 73 ..... s   |
| 20 ..... 14 ..... DC4 | 52 ..... 34 ..... 4  | 84 ..... 54 ..... T | 116 ..... 74 ..... t   |
| 21 ..... 15 ..... NAK | 53 ..... 35 ..... 5  | 85 ..... 55 ..... U | 117 ..... 75 ..... u   |
| 22 ..... 16 ..... SYN | 54 ..... 36 ..... 6  | 86 ..... 56 ..... V | 118 ..... 76 ..... v   |
| 23 ..... 17 ..... ETB | 55 ..... 37 ..... 7  | 87 ..... 57 ..... W | 119 ..... 77 ..... w   |
| 24 ..... 18 ..... CAN | 56 ..... 38 ..... 8  | 88 ..... 58 ..... X | 120 ..... 78 ..... x   |
| 25 ..... 19 ..... EM  | 57 ..... 39 ..... 9  | 89 ..... 59 ..... Y | 121 ..... 79 ..... y   |
| 26 ..... 1A ..... SUB | 58 ..... 3A ..... :  | 90 ..... 5A ..... Z | 122 ..... 7A ..... z   |
| 27 ..... 1B ..... ESC | 59 ..... 3B ..... ;  | 91 ..... 5B ..... [ | 123 ..... 7B ..... {   |
| 28 ..... 1C ..... FS  | 60 ..... 3C ..... <  | 92 ..... 5C ..... \ | 124 ..... 7C .....     |
| 29 ..... 1D ..... GS  | 61 ..... 3D ..... =  | 93 ..... 5D ..... ] | 125 ..... 7D ..... }   |
| 30 ..... 1E ..... RS  | 62 ..... 3E ..... >  | 94 ..... 5E ..... ^ | 126 ..... 7E ..... ~   |
| 31 ..... 1F ..... US  | 63 ..... 3F ..... ?  | 95 ..... 5F ..... _ | 127 ..... 7F ..... DEL |