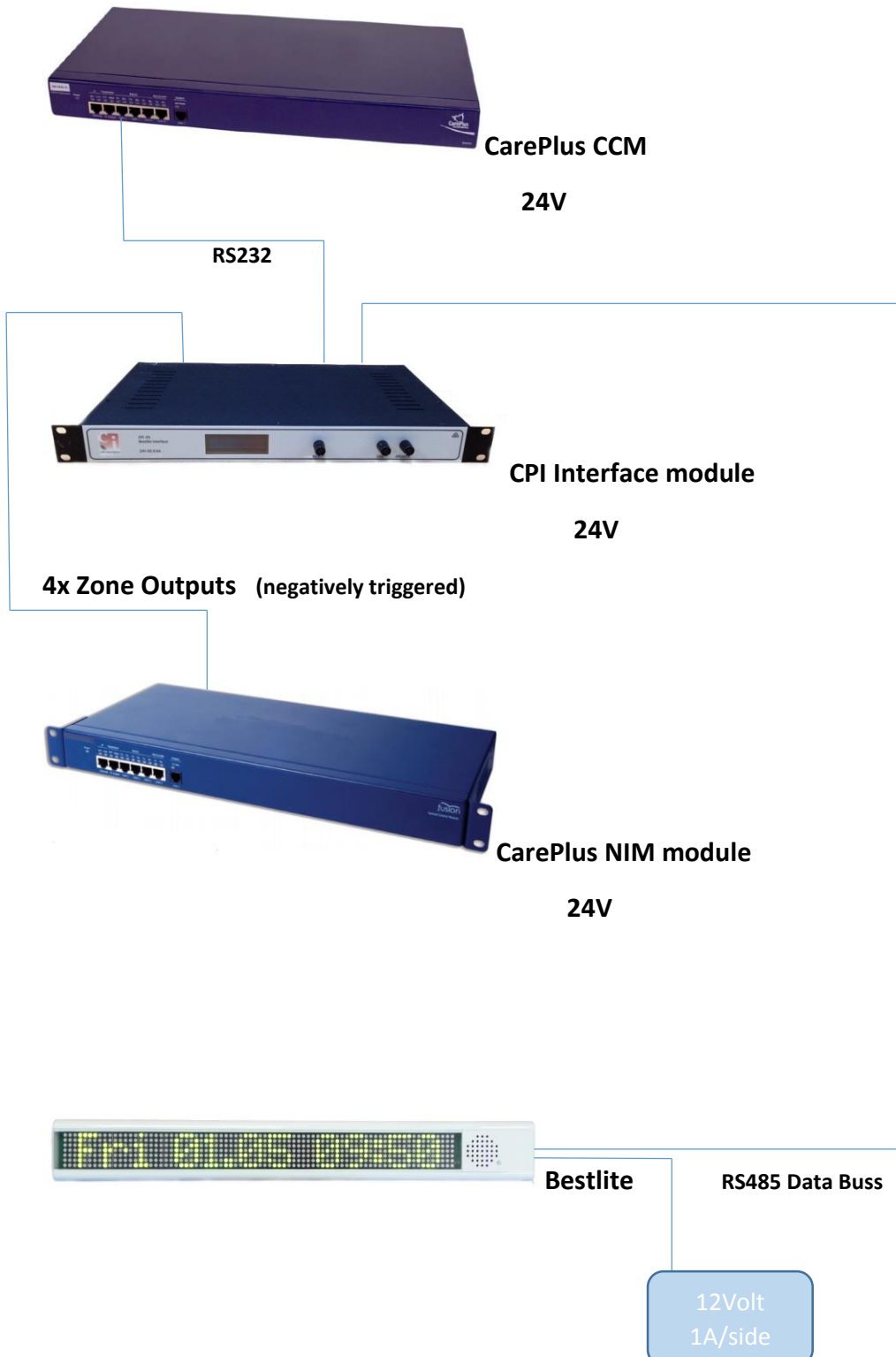


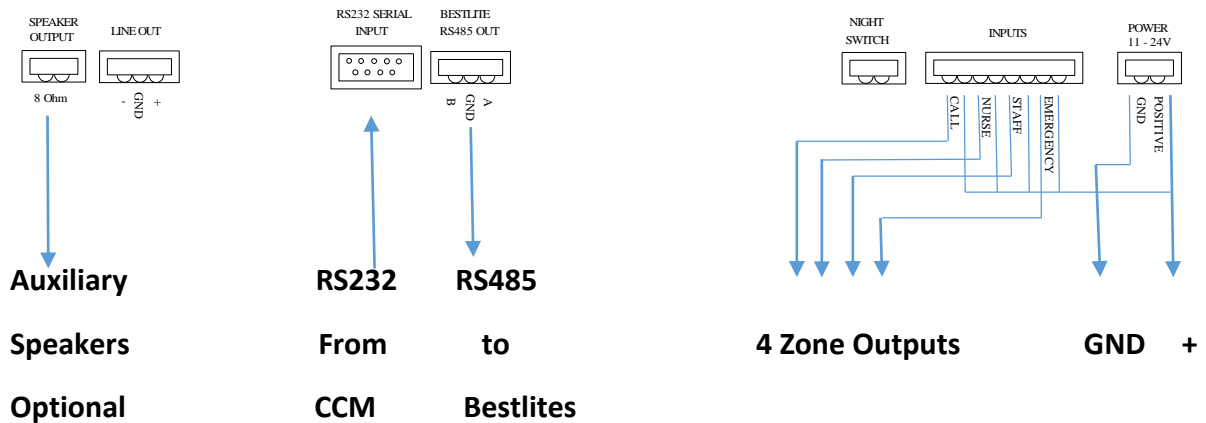
Wiring Diagram for CarePlus to Bestlite Displays.

The wiring below should be used with the Alpha gateway on the CarePlus CCM.

It uses the CPI interface to generate the audible alert tones onto the Bestlite data buss eliminating the need for external speakers and wiring of audio cables.



CPI CONNECTIONS



The zone inputs on the CPI are not polarity conscious. Connect one side to the 24V + supply and the other side to the negatively switched zone outputs on the NIM. The 24V supply to both NIM and CPI must be common or at least have a common ground.

The Bestlite display operates from 12V. IF required you can use a step down converter on 24V stepping down to 12V for the displays. Allow at least 1A per side of the displays.

The RS485 buss to the displays must terminate at the end of the line with a 120R resistor.

The speaker output on the CPI can be used to drive an 8ohm load for auxiliary speakers if required. Line output on the CPI is the differential audio out that is no longer required unless you want to go to an auxiliary amplifier.

The Night switch will drop the level of the audio produced by the Bestlite displays.