

QUANTEC PRO SYSTEM WIRING OVERVIEW

GENERAL WIRING RULES

- Quantec PRO utilises a unique data protocol that works down just two wires.
- All system wiring is made in a 'Spine' and 'Limb' configuration, using network splitters.
- Distribute splitters evenly throughout the site and locate at an accessible height.
- A maximum of 255 addressable devices can be connected on a Quantec PRO system.
- Slave devices such as slave ceiling pulls, slave overdoor lights and slave infrared ceiling receivers connect to Quantec PRO via a master call point, master ceiling receiver, monitor point or universal programming device using 2, 3 or 4 cores of stranded security cable - refer to the shaded areas on page 10 for guidance.
- Quantec PRO Programming Tools are required to program the special functions available on the devices marked *

SPINE WIRING

- Wire spines in 1.5mm² or 2.5mm² T&E.
 - Max. length for a single spine using 1.5mm² cable = 150m.
 - Max. length for a single spine using 2.5mm² cable = 250m.
 - Max. length of all spines + limbs = 750m.
- The above are general rules of thumb, if required, see pages 11 & 12 for more specific wiring details and calculator chart.

