1.1 Conventional Audible Visual Devices

1.1.1 Compliance with standards

1.1.1.1 Sounders shall be third party approved to EN54 part 3.
1.1.1.2 Beacons shall be third party approved to EN54 part 23
1.1.1.3 Combined Sounder Beacons shall be third party approved to EN54 part 3 and part 23

1.1.2 Functionality

1.1.2.1 Four basic product groups shall be available consisting of:

1.1.2.1.1 Wall or ceiling mounting sounders (EN54-3);
1.1.2.1.2 Wall or ceiling mounting beacons (EN54-23, W & C categories);
1.1.2.1.3 Wall or ceiling mounting combined sounder beacons (EN54-3 & EN54-23 W, C & O categories);
1.1.2.1.4 Wall or ceiling mounting combined sounders with supplementary indicator (only EN54-3 approved

1.1.2.2 The EN54-23 warning devices shall be available with a clear lens and a choice of white or red light flash options.
1.1.2.3 The Sounders with supplementary indicator shall be available with a choice of red or white lens but only with a red light flash.
1.1.2.4 The warning devices shall fit to a common mounting base incorporating a twist-lock bayonet fitting.
1.1.2.5 The range shall be available as low profile (IP21C) and deep base options (IP65).
1.1.2.6 The range shall be available with the option of first fix wiring capability
1.1.2.7 Mounting bases shall be available in colours to match the warning devices
1.1.2.8 Warning devices shall connect with two wires to the C.I.E.
1.1.2.9 Two stage alarm and alert operation may be utilised using three wires to the C.I.E.

1.1.3 Tone and volume settings

1.1.3.1 The audible warning devices shall have 32 different tone settings; all approved to EN54-3, and shall be site configurable.
1.1.3.2 The audible warning devices shall have two volume settings (medium or high), which shall be site selectable.

1.1.4 Additional requirements

1.1.4.1 .The wall and ceiling-mounting units shall have a waterproof mounting base for external fitting. This shall be rated at IP65 when used in conjunction with this base. This deep base option shall have multiple cable entries for dual entry on single side (Y connection).Sounder switching shall be synchronised
1.1.4.2 Beacon switching shall be synchronised in accordance with EN54-23 so that, in areas where multiple beacons are simultaneously visible, no stroboscopic effects likely to trigger photosensitive epilepsy are created