

SpectrAlarm

Combination audible & visual signals



AB105STR/
AB105LDA/
AB105RTH



AB112STR/
AB112LDA/
AB112RTH



AB121STR/
AB121LDA/
AB121RTH

The SpectrAlarm range combines the AlertAlarm audible devices with the Spectra beacons to create a series of products optimised for industrial signalling applications.

The alarm horn sounders and beacons can be connected separately to allow the audible and visual signal to warn on individual events. Alternatively a common power source can be used to simplify installation and reduce cabling.

With sound levels up to 126dB(A) and combined with a 15 Joule Xenon strobe beacon the AB121STR Spectralarm combination device provides clear audible and visual warning where the highest levels of ambient noise and light exist.

Range info
Material High impact UL94 V0 & 5VA FR ABS UV stable PC UL94 V0 FR
Ingress Protection IP65
Fixings Stainless steel.
Mounting Surface mount - via extenal mounting lugs or internal BESA compatible fixing positions.
Enclosure colours Red (RAL3000) or grey (RAL7038)
Lens colours Amber, Blue, Clear, Green, Magenta, Red & Yellow
Cable Entries 2 x 20mm clearance entries
Features Automatic synchronisation on multi-sounder system. Continuously rated. Duplicate cable terminations (in & out for daisy-chain installations). Tropicalisation available on request. Available with custom tone configurations and frequencies.

AB105 Combination signal
Max. 112dB(A) @ 1m - 103dB(A) @ 10ft/3m 32 alarm tones with 3 stages/channels 144.0mm x 273.9mm x 133.5mm 5.67" x 10.78" x 5.25"
Ref: 2-31-160 AB105STR Alarm sounder & Xenon strobe 12Vdc, 24Vdc, 48Vdc 24Vac, 115Vac & 230Vac Xenon strobe 5 Joule. Effective intensity 250cd. 1Hz flash rate automatically synchronised. DC units: Optionally 1.5Hz & double strike
Ref: 2-31-170 AB105RTH Alarm Sounder & rotating beacon 12Vdc, 24Vdc & 115Vac, 230Vac Halogen Bulb G6,35/GY6,35, 25W. Effective intensity 125cd.
Ref: 2-31-170 AB105LDA Alarm sounder & LED beacon 24Vdc (10-30Vdc), 48Vdc (35-60Vdc) & 115Vac, 230Vac Array of 16 high power L.E.D.s. Effective intensity 19cd.

AB112 Combination signal
Max. 119dB(A) @ 1m - 110dB(A) @ 10ft/3m 45 alarm tones with 3 stages/channels 169.0mm x 312.8mm x 156.5mm 6.65" x 12.31" x 6.16"
Ref: 2-31-210 AB112STR Alarm sounder & Xenon strobe 12Vdc, 24Vdc, 48Vdc 24Vac, 115Vac & 230Vac Xenon strobe 5 Joule. Effective intensity 250cd. 1Hz flash rate automatically synchronised. DC units: Optionally 1.5Hz & double strike
Ref: 2-31-200 AB112RTH Alarm Sounder & rotating beacon 12Vdc, 24Vdc & 115Vac, 230Vac Halogen Bulb G6,35/GY6,35, 25W. Effective intensity 125cd
Ref: 2-31-220 AB112LDA Alarm sounder & LED beacon 24Vdc (10-30Vdc), 48Vdc (35-60Vdc) & 115Vac, 230Vac Array of 16 high power L.E.D.s. Effective intensity 19cd.

AB121 Combination signal
Max. 126dB(A) @ 1m - 117dB(A) @ 10ft/3m 45 alarm tones with 3 stages/channels 210.0m x 388.5mm x 191.5mm 8.26" x 15.29" x 7.65"
Ref: 2-31-260 AB121STR Alarm sounder & Xenon strobe 24Vdc, 48Vdc 115Vac, 230Vac Xenon strobe 15 Joule. Effective intensity 250cd. 1Hz flash rate automatically synchronised. DC units: Optionally 1.5Hz & double strike
Ref: 2-31-250 AB121RTH Alarm sounder & rotating beacon 12Vdc, 24Vdc & 115Vac, 230Vac Halogen Bulb G6,35/GY6,35, 40W. Effective intensity 324cd.
Ref: 2-31-270 AB121LDA Alarm sounder & LED beacon 24Vdc (10-30Vdc), 48Vdc (35-60Vdc) & 115Vac, 230Vac Array of 32 high power L.E.D.s. Effective intensity 30cd.

