

# AUDIO VISUAL DOOR ALARM/SHUNT UNIT DA343

This unit is housed in a cowl fronted white steel case. The front panel carries a two position key operated switch, a green lamp, a flashing red lamp, & a sounder grill.

The internal circuit board is mounted onto the back of the front panel. It carries four terminal blocks:-

- a) *DC supply nominal +13.7V & 0V.*
- b) *Door Contact input. Loop closed = Door closed.*
- c) *Shunted output. Changeover relay contact rated 24V 1A resistive Max.*
- d) *Alarm output. Changeover relay contact rated 24V 1A resistive Max.*

## Operation

1) Keyswitch in Normal (9 O'Clock position) towards Green lamp. Green lamp ON.

a) Door contact clear (closed) = no sounder, Alarm relay energised, Shunt relay not energised.

b) Door contact alarms (momentary open) = latched sounder on & Alarm relay de-energises.

To silence sounder & clear Alarm relay operate keyswitch to Shunt (12 O'Clock position) towards Red lamp. Red lamp flashing ON. Shunt relay energised.

Close door contact before returning keyswitch to Normal position.

2) Keyswitch in Shunt (12 O'Clock position) towards Red lamp. Red lamp flashing ON.

a) Shunt output relay energised.

b) Alarm output relay held clear regardless of door contact state.

## Mechanical

Unit size - width 100mm. height 150mm. depth top 65mm. depth bottom 55mm.

1.6mm sheet steel case powder coated gloss white.

Rear cable entry. Wall or Beesa box mounting.

Spares bag packed inside unit. Contents = 3 Keys, 3 1" No.8 wood screws, 3 yellow wall plugs, 2 M4 x 12mm. Pan head slotted screws.