



ES-AVI2 Audio Visual Indicator Installation Guide

IMPORTANT! Please refer to the installation instructions of the fan to check the compatibility of this indicator.

Parts check list:

- ES-AVI2 Audio Visual Indicator
- 1 off 10 metre length of plugged SELV cable

ES-AVI2 Audio Visual Indicator

Designed to be compatible with the Ecosmart system, this indicator unit is supplied with a preplugged 10m length of communication cable. Longer lengths are available if required.

The unit operates with Safe extra Low Voltage (SELV) with power supplied by the fan unit via the communication cable.

When a fan failure occurs a red LED will show at the AVI2.

A warning sounder will be heard for at least 10 seconds. Then one second every minute until the fault is cleared.

To disable the sounder, open the unit and move the switch towards the centre of the PCB.

Installed Environment

0 - 40°C up to 90%RH non-condensing.

Installing the Indicator

The unit must be installed away from any direct source of heat (e.g. radiators) and areas where it would be subjected to steam or water spray.

The mounting surface must be vibration free.

The unit is supplied complete with 10 metres of connecting cable with plugs attached. Fasteners for wall fixing are included in the package.

- Fix one end of the 10m cable to the fans customer connection box (connection sockets marked NET).
- Select a suitable location for the sensor and arrange the cable in position. Leave approx. 75mm of the cable free at the mounting point to ease the connection of the plug. (Fig. 1).
- Hold the base of the unit with one hand and the top half with the other. Twist the upper half anti-clockwise to open the unit. (Fig. 2).

d) Feed the cable through the hole of the lower half of the unit and mark the locations of the fixing holes on the wall. There is a raised line inside the base of the unit to aid alignment to the horizontal or vertical. (see Fig.3).

e) Fix the base of the unit to the wall using the fasteners provided, or other suitable fasteners.

f) Plug the cable into the socket of the PCB. (Fig.4).

g) Align the slots of the upper and lower halves of the unit and twist the upper half clockwise to lock the 2 halves together. (see Fig. 5).

Data cable installation

Do not run the SELV data cable in the same conduit as the mains cables and ensure there is a 50mm separation between the data cable and the other cables.

The maximum cable run between the fan and indicator is 300metres when it is installed in accordance with the above instructions.

Maintenance

The unit does not require any routine maintenance. However, for optimum performance, it is advisable to remove any accumulated dust with a low power vacuum cleaner.

Service

As a manufacturer Nuaire can provide you with factory trained Service Engineers who are supported with a comprehensive range of spare parts 'off the shelf'. Our Service Department will be happy to give you more information.

Telephone 029 2085 8585
Fax 029 2085 8586

Warranty

The three year warranty starts from the date of delivery and includes parts and labour for the first year. The remaining two years covers replacement parts only. The labour element is subject to full, free and safe access to the equipment as recommended by the CDM regulations.

Note: Installation & Maintenance of the equipment must be as directed in the instructions provided with the unit.

Figure 1.

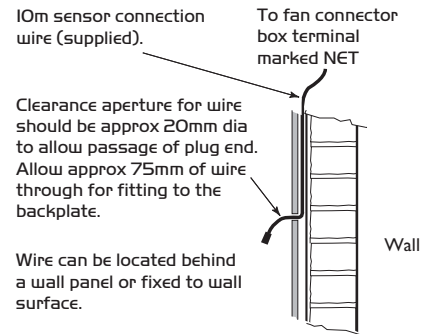


Figure 2.

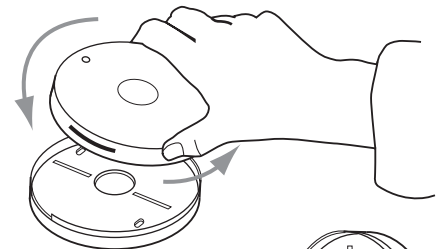


Figure 3.

Feed the cable through the hole in the bottom half of the unit and mark the fixing hole locations on the wall. Fix this half of the unit to the wall using the fasteners provided.

Figure 4.

Plug end mounted into the PCB socket inside the front half of the unit.

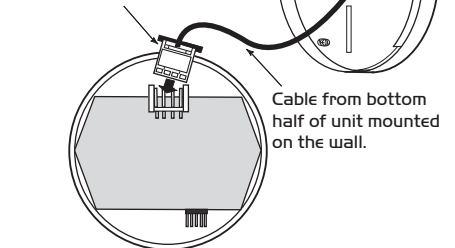


Figure 5.

Line up the slots in the 2 halves, push together and rotate to lock them together.

