

AP Range of Air Horn Products

(Product: AP198M, AP360M & AP450M)

INSTALLATION AND MAINTENANCE INSTRUCTIONS

1.0 Description

AP air horns are of a diaphragm style of construction, and operate from a compressed air supplied of 55 – 140psi (3.5 – 9 bars). With suitable adjustment they can also be operated on a reduced air pressure supply range of 10 - 45psi. (0.7 – 3 bar).

2.0 Installation

The open end of the air horn trumpet should face in the direction in which the maximum audibility is required and the trumpet section of the unit must not touch any surrounding surface or sound quality will be impaired.

The air horn should be attached to an appropriate air supply via 6mm diameter copper or steel construction tubing with a maximum length of 6 metres tubing. If operated from a reduced air pressure supply of up to 3 bar the tubing may be of a suitable plastic composition with a maximum length of 3 metres.

3.0 Low Air Pressure Operation Adjustment

Slacken the 40m A/F locknut securing the horn to the cast diaphragm section of the product and rotate the horn in an anti-clockwise direction whilst the horn is being operated until the most audible and clear note is obtained. Then re-tighten the locknut.

4.0 Maintenance

The product contains no parts that require maintenance.

5.0 Guarantee

The AP range of air horns are guaranteed for twelve months from date of purchase against any inherent defective materials and or faulty workmanship.

Moflash Signalling Ltd undertake to repair or replace, at their discretion, any such defects providing the equipment is returned without any damage caused to the product or dismantling of the product by the purchaser.

HEALTH AND SAFETY INFORMATION

Company product health and safety statement

The products have been manufactured and supplied in accordance with the Klaxon Signals Ltd duty to ensure, so far as is reasonably practicable, that the product will be safe and without risk to health **when properly installed and used**. A product is not regarded as being 'properly used' if it is used **without regard to any relevant information or advice** relating to its use made available by the manufacturer, designer, importer or supplier.

Information on the design, construction and installation of Company products to ensure that so far as is reasonably practicable they are safe and without risk to health when properly used may be found in:

Relevant British Standards and Codes of Practice.
Catalogues and product leaflets of the Company.

It is important that the products concerned should be **installed, commissioned and maintained** by, or under the supervision of, competent persons in accordance with good engineering practice and:

Codes of Practice.
Statutory requirements.
Any instructions specifically advised by the Company and, where appropriate, with particular reference to information marked on the product.

Specific product health and safety issues

- Prior to installation/user and installer should perform a risk assessment with regard to the products installation and safety when in use.
- The air horn audibility level at 1 metre distance may be up to 125dB and therefore care must be taken in the positioning of the unit so that it is not in close proximity to people. (Minimum recommended minimum segregation distance between air horn and people of at least 5 metres).

During operation of the air horn any personnel who are in close proximity, must wear ear defenders.

WARNING - Damage may be caused to a persons hearing if they are in close proximity to the air horn when activated and they are not equipped with adequate protective equipment in the form of ear defenders.

- Do not remove or change any component parts of the air horn for other manufacturer's products.
- Connection of the compressed air supply to the system should only be undertaken by competent persons who understand the requirements controlling the use of compressed gases.