

# AMS SERIES

Surface mount **loudspeakers**



**All AMS 5 Models**  
**All AMS 6 Models**  
**All AMS 8 Models**



Quick Start Guide

# 1 Introduction

This Quick Start Guide (QSG) provides the basic information required to install and connect all models in the Tannoy AMS range of surface-mount loudspeakers.

For additional information, including product technology, photo identification of product features, dimensional drawings, and complete technical specifications, please refer to the full AMS Series Operation Manual.

# 2 Safety Notices

Some regional construction codes require the use of a secondary method of securing loudspeakers to provide security of a back-up support. A secondary support line should be attached from the safety loop on the rear of the product to a source point on the wall or building structure.

**Electrical Safety Notice:** to comply with the standard UL1480, metal-clad flexible conduit (BX) is required for connection to the terminal block for proper earth grounding.

**SAFETY NOTE:** In order to comply with the relevant fire safety regulations (i.e. BS 5839:1998), it is required that in the event of fire, that failure of the circuit to which the loudspeaker is connected does not occur before evacuation of the building is complete. Suitable measures include:

- Use of terminal blocks (for connection to primary) with a melting point of not less than 650°C, for example constructed from ceramic materials;
- Use of terminal blocks of a lower melting point but protected with thermal insulation;
- Use of terminal blocks such that, on melting, an open-circuit or a short-circuit does not occur.

# 3 Unpacking

Every Tannoy product is carefully inspected before shipment. After unpacking, please inspect your product to ensure no damage has occurred in transit. In the unlikely event of damage, please notify your dealer and retain all shipping materials as your dealer may require return shipment.

# 4 Installation using the included Yoke Bracket

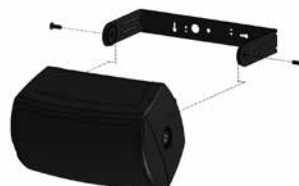
1. Fix the yoke bracket to an appropriate structural surface using a suitable fixing method.
2. Remove the yoke trims from the product to access the bracket fixing points.



3. Remove the rubber grommet from the rear of the speaker. (Note: The grommet is required only if installing the product outdoors.)
4. Feed the speaker cable through the grommet (if required). Connect the euro-style plug to the wires, observing correct polarity.



5. Use pins 1(+) and 2 (-) for connection of the loudspeaker. Use pins 3 (-) and 4 (+) for connection of additional loudspeakers in a distributed line. **Note:** Tighten pins 3 and 4 even if not used to prevent vibration of the screws.
6. Place the loudspeaker inside the yoke bracket. Position buffers between bracket and loudspeaker as shown. Attach with supplied fixings using a 5mm Allen key. Use the longer hex screws supplied when mounting the yoke bracket.



7. Connect the euro plug. If required, replace the rubber grommet and fit snugly for a watertight seal.

8. Connect a secondary support line to the safety tab at the rear of the cabinet.

## 5 Setting transformer taps

1. The rotary transformer tapping switch is found on the top of models with 5-inch drivers, and on the bottom of models with 6-inch and 8-inch drivers.

**CAUTION:** The loudspeaker is supplied with the tap switch set in low impedance mode. Never connect the loudspeaker to a 70/100V amplifier output while switched to low impedance mode.

2. Set the rotary switch to the appropriate position for low impedance operation or for use in 70/100V distributed systems. Models with 5-inch drivers are fitted with 30W transformers; models with 6-inch and 8-inch drivers are fitted with 60W transformers. For more information on setting transformer taps in distributed systems, please refer to the full AMS Series Operation Manual.

## 6 Installation using the optional accessory bracket

An optional accessory bracket is available that allows flexible re-orientation of the loudspeaker on the horizontal and vertical axes. Instructions for installation and adjustment are included with the bracket, and also are included in the full AMS Series Operation Manual. Following installation, set the transformer taps according to Section 5.

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