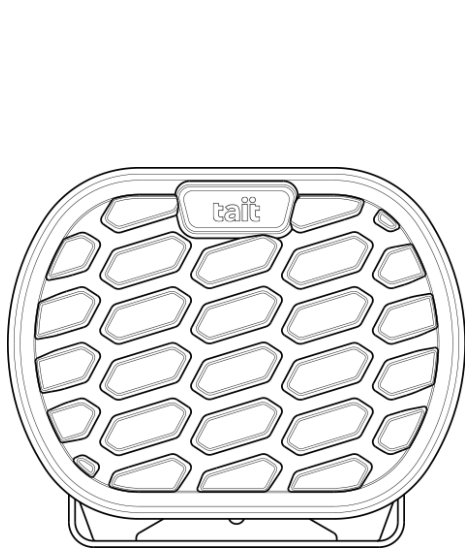


## T02-00004-0206/T02-00004-0207 TM Rugged External Speaker 15W

### Installation Instructions

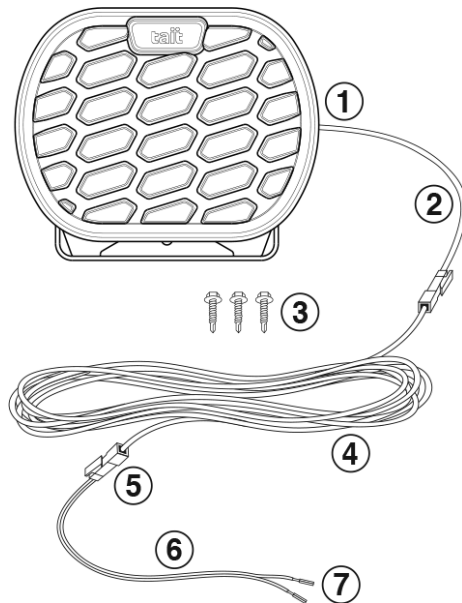


### Introduction

The T02-00004-0206 Rugged External Speaker (for 25W radios) and the T02-00004-0207 Rugged External Speaker (for 30-50W radios) are installed in parallel with the radio's existing internal speaker. The external speaker can then be installed at some distance from the radio, or it can be used to increase the volume of the audio from the radio's existing internal speaker.

The speaker is supplied with a flying lead (6) and a 5m extension cable (4). The cable connectors enable the speaker to be easily removed and reconnected as required.

The flying lead connector is terminated with two receptacles (7). The receptacles supplied with the T02-00004-0206 (for 25W radios) are different to those supplied with the T02-00004-0207 (for 30-50W radios). Two spare receptacles are included with each kit, along with three mounting screws (3).



### Installation

#### Remote Speaker Mounting

Refer to the image on the back of these instructions for an installation template.

1. Choose a mounting position for the external speaker where it will not interfere

with the operation of any vehicle controls. The speaker is waterproof (IP67), so it can also be permanently mounted on the exterior of the vehicle.

2. Remove the external speaker from the mounting bracket and use the screws (3) provided to fix the mounting bracket securely in the chosen location.

**Notice** Check before drilling that the drill will not damage any components or wiring behind the mounting location. If precise positioning is required, pre-drill Ø3.0mm (1/8 inch) holes for the supplied self-drilling screws. If the cable connector is exposed, it must be adequately protected against water ingress.

3. Attach the speaker to the mounting bracket using the thumbscrews.

**Notice** Check that the speaker cable is protected from engine heat, sharp edges and from being pinched or crushed.

4. Attach the 5m extension cable (4) to the external speaker cable (2) and run this extension cable back to the radio.
5. Install the two receptacles (7) of the flying lead (6) into the radio power connector, as described in "Power Connector Wiring", below.
6. Attach the mating connector of the speaker extension cable to the flying lead connector (5).

#### Power Connector Wiring

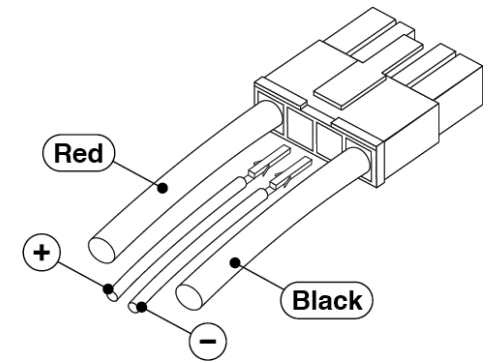
Insert the flying lead receptacles (7) into the power connector socket, as shown in the diagrams below.

**Notice** The positive remote speaker wire has a white stripe.

#### T02-00004-0206 External Speaker (25W Radios)

To insert the flying lead receptacles:

- insert the negative wire and receptacle into the position nearest the black wire
- insert the positive wire and receptacle into the position nearest the red wire

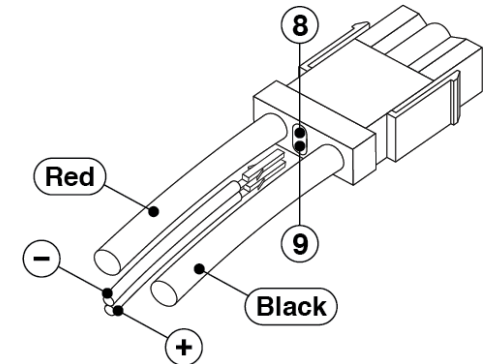


#### T02-00004-0207 External Speaker (30-50W Radios)

**Notice** Tait recommends using the insertion tool M81969/18-02 (Tait P/N 355-00001-00).

To insert the flying lead receptacles:

- insert the negative wire and receptacle into position (8)
- insert the positive wire and receptacle into position (9)



#### Cleaning

Use a damp cloth to remove dirt and debris from the speaker cone. This is accessed by using a T20 driver to remove the four screws holding the front panel.

# External speaker drill template

Must be printed to scale

