

RADIO PARTS

**AEGIS**

**SYMBOL OF SATISFACTION**

# **ALL-WAVE NOISE REDUCING AERIAL SYSTEM**

**TYPE AF-1**

*COMPRISING*

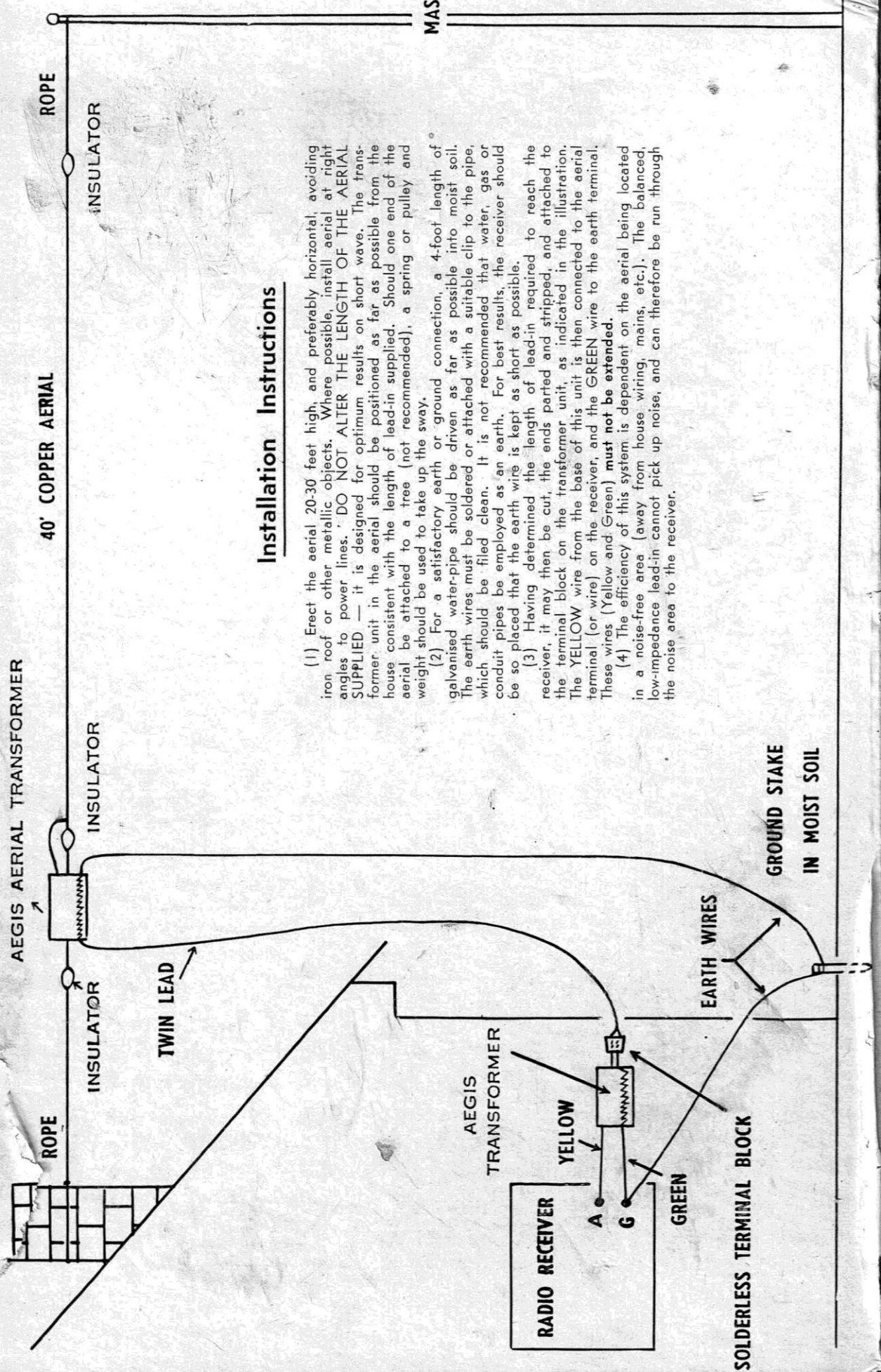
- TWO MATCHED TRANSFORMER UNITS
- 7/22 COPPER AERIAL — TWIN PLASTIC LEAD IN — EARTH RETURN WIRE
- NECESSARY INSULATORS ATTACHED

# **AEGIS**

**MANUFACTURING COMPANY PVTY LTD**



# INSTALLATION DIAGRAM TYPE AF-1



## Installation Instructions

- (1) Erect the aerial 20-30 feet high, and preferably horizontal, avoiding iron roof or other metallic objects. Where possible, install aerial at right angles to power lines. **DO NOT ALTER THE LENGTH OF THE AERIAL SUPPLIED** — it is designed for optimum results on short wave. The transformer unit in the aerial should be positioned as far as possible from the house consistent with the length of lead-in supplied. Should one end of the aerial be attached to a tree (not recommended), a spring or pulley and weight should be used to take up the sway.
- (2) For a satisfactory earth or ground connection, a 4-foot length of galvanized water-pipe should be driven as far as possible into moist soil. The earth wires must be soldered or attached with a suitable clip to the pipe, which should be filed clean. It is not recommended that water, gas or conduit pipes be employed as an earth. For best results, the receiver should be so placed that the earth wire is kept as short as possible.
- (3) Having determined the length of lead-in required to reach the receiver, it may then be cut, the ends parted and stripped, and attached to the terminal block on the transformer unit, as indicated in the illustration. The YELLOW wire from the base of this unit is then connected to the aerial terminal (or wire) on the receiver, and the GREEN wire to the earth terminal. These wires (Yellow and Green) **must not be extended**.
- (4) The efficiency of this system is dependent on the aerial being located in a noise-free area (away from house wiring, mains, etc.). The balanced, low-impedance lead-in cannot pick up noise, and can therefore be run through the noise area to the receiver.