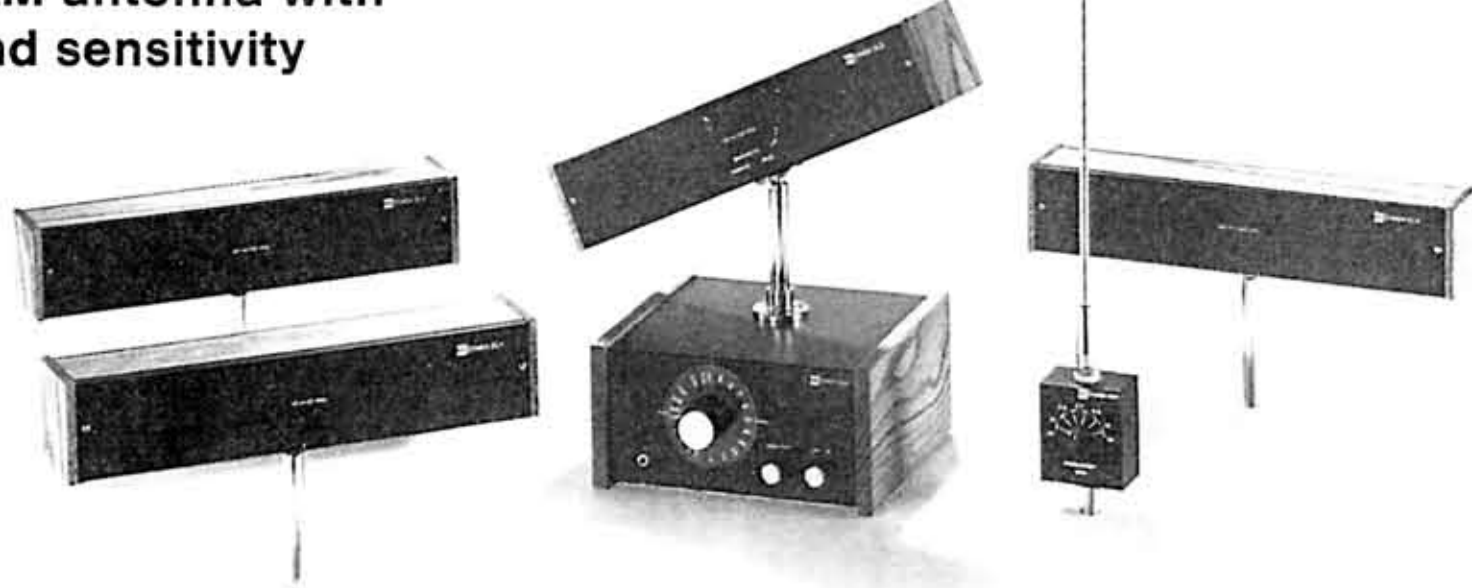


DA 9 shielded ferrite rod directional AM antenna with frequency and sensitivity controls.



Description

The DA 9 is a shielded ferrite rod directional antenna with FET three stage amplifier with frequency and sensitivity controls. The shielded ferrite rod can be rotated and tilted to null out undesirable signals. The Frequency Control permits precise selection of incoming signals. The sensitivity control provides for optimum reception of local and distant stations.

Application: For use with AM receivers without a built-in antenna, or a receiver of low sensitivity with built in antenna.

Special Features: Reduces level of electrical interference, usually below reception level. Reduces interference from TV sets. Built-in switch automatically reconnects the tuner to user-optional outside antenna when the DA 9 is turned off.

Recommended Receiver: Works perfectly with the McKay DR series of receivers. Hundreds of McKay antennas are in use world wide.

Specifications

Frequency Range:	18 to 1900 kHz (Loops)
	DL 1 18 to 55 kHz
	DL 2 50 to 150 kHz
	DL 3 150 to 530 kHz
	DL 4 530 to 1900 kHz
Antenna Head Vertical Whip	
DW 1	150 kHz to 30 kHz
Type:	Tuned preamplifier with shielded ferrite loop or whip
Output Impedance:	50 Ω
Gain:	20 dB from 50 to 2000 kHz
Line Voltage:	110-120-220-240 VAC, 4 watts
Shipping Weight:	8 lbs. (3.6 kg)
Net Weight:	6 lbs. (2.7 kg)
Dimensions:	13 3/8" (34.9 cm) Wide 9 1/16" (23.0 cm) Deep 11" (27.9 cm) High

Basic installation of DA 9 with long, medium and short wave radios.

1. Connect the phono cable between DA 9 output and AM Antenna and Ground Antenna connectors on your tuner. The center wire goes to the AM Antenna connector. (The shielded wire connects to the Ground connector.)
 2. If you use an exterior AM Antenna (one not built into your AM set) connect it to the Exterior Antenna outlet on the back of the DA 9. A good exterior antenna consists of covered wire (not coaxial cable) about 30 feet long, inside or outside, possibly with a coaxial cable feed line. With this setup, your AM radio will automatically operate on the Exterior Antenna if you turn off your DA 9.
- On the following page are several special installation situations and instructions. If you get feedback (howling) from a tuner with built in antenna while your DA 9 is operating, you may have to move the DA 9 further away from your tuner, or turn down the sensitivity control.
- In a concrete building or other difficult reception area, you may have to locate the DA 9 in front of a window. If used with tuner with adjustable loopstick, fold the loopstick close to the tuner chassis for minimum reception from the loop stick while using the DA 9.

The Directional Head provides very sharp null tuning along its length and very broad tuning at right angles for reception of the desired station. To pick up a station when another station is interfering, aim the Directional Head at the **undesired** station to null it out.

To null out an undesired distant station, keep the Directional Head level while aiming at the undesired station. To null out a local interfering station, tilt the head while aiming it toward the undesired station.

To adjust friction of head tilting feature, turn the 4 exposed screw heads at top of head support.

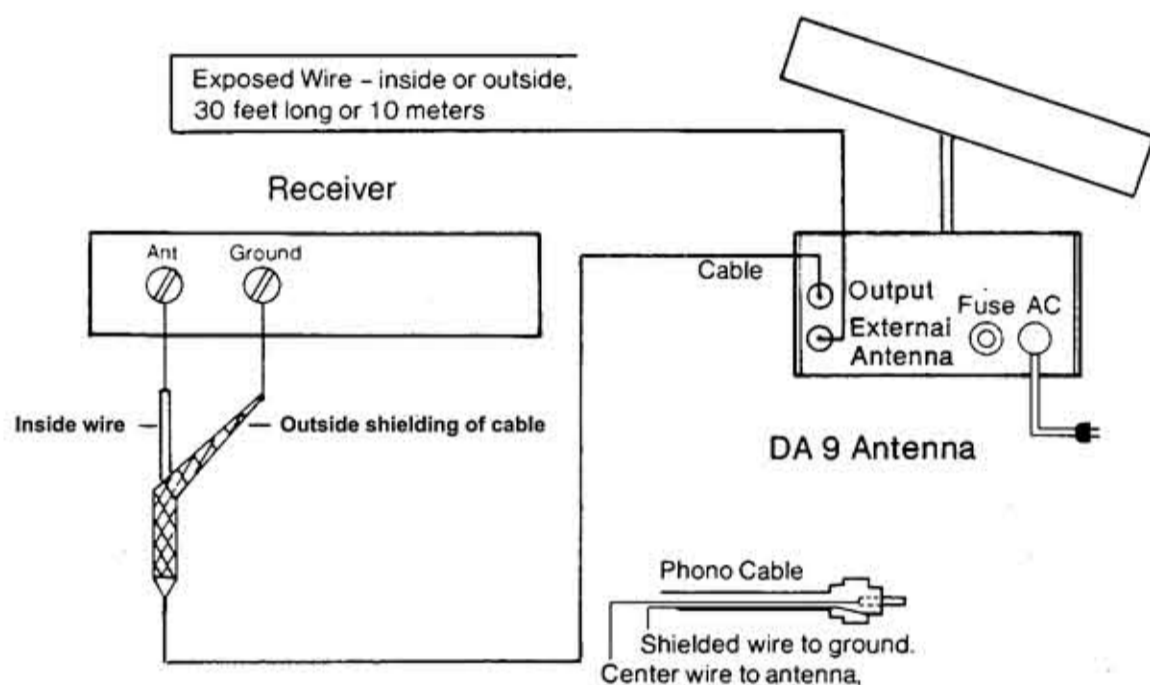
DW 1 Whip

The DW 1 Whip provides non-directional reception from 200 to 30,000 kHz in 6 bands. To use with the whip rod, slip on bolt on top of case and tighten two sets of screws. To use with inside or outdoor wire, do not install whip, but plug in wire to phono plug in back of the DW 1.

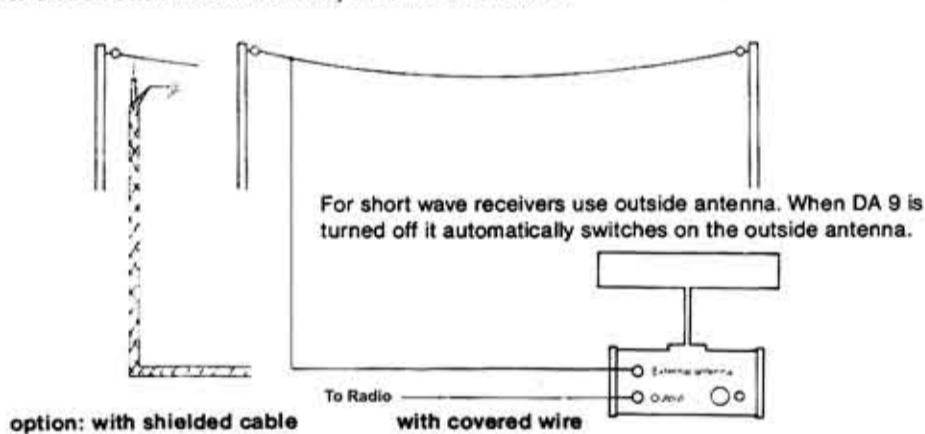
To use DW 1 tune switch to band required and peak up signal on main tune knob on DA 9.

Basic Installation

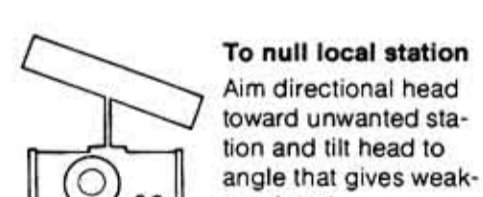
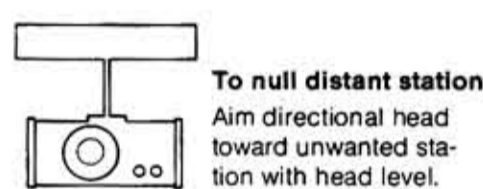
If you have an outside antenna
When the DA 9 is turned off it automatically switches your tuner through to the outside antenna for use with short or long wave or even medium wave if you desire.



To install non-directional wire antenna, inside or outside

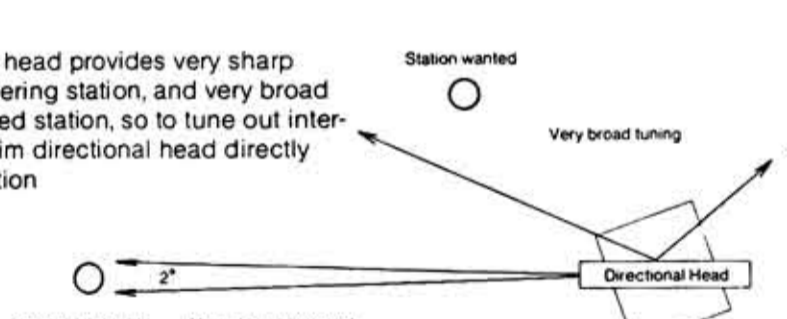


To null out unwanted stations



How to use the DA 9 directional head

The directional head provides very sharp tuning on interfering station, and very broad tuning for wanted station, so to tune out interfering station aim directional head directly toward that station



Limited Warranty

1. If your antenna becomes defective, G.E. McKay & Company will provide all parts, materials and labor needed to return the measured performance of the unit to original factory specifications, free of any charge, for one full year from the date of purchase. The service contract does not cover any shipping costs to and from the authorized service agency or the McKay Factory in Claremont, California.
2. If a malfunction of your unit should occur, contact the McKay Factory in Claremont, California. Our technicians will advise you whether to ship the unit to the factory, or to have repair work done locally.
3. This service contract is not transferable and is issued to you as the original purchaser.
4. If your antenna is replaced with a new unit because of defective operation, this contract shall be effective from the original date of purchase.

stoner communications, inc.

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Schematic: DA5 Shielded Ferrite Antenna

