

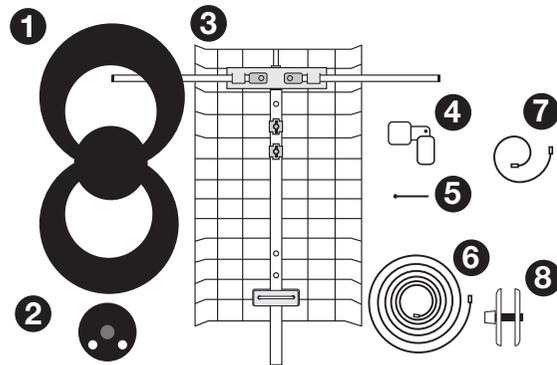
DT8 Instructions

The DT8 "dual loop" design gives consistent high gain as well as good front to back ratio, which means a superior performance over a long distance in country locations. It has forgiving aiming characteristics with 70 degrees of beam width which allows the DT8 to receive signals without pointing directly towards the transmission tower.

1 Before beginning assembly, make sure all pieces needed are present. A Phillips head screwdriver is the only tool required.

1. Loop Element
2. Loop Element Base
3. Reflector
4. Swing Head
5. 3½" inch bolt
6. 4m coaxial cable
7. 2m inside van to TV cable
8. HW019 Thru-van-wall

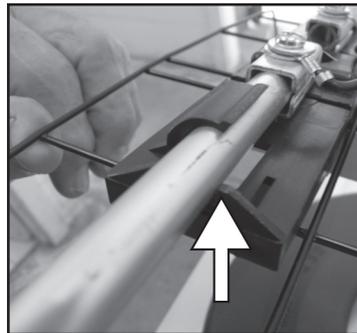
(If you still want to use your push in style plug and not use the HW019 with this product you will need to purchase an adaptor from us.)



2 Assemble Antenna using a screwdriver to secure reflector, base & loop together with 3½" bolt making sure both holes are nearest to the VHF arms. Thread long 4m cable through reflector & base to element using hole marked **TO TV**. Thread short cable from arms through reflector & base to element using hole marked **VHF IN**.

3 Place swing head in clamps with the arrow pointing towards element and the PVC Pole Female pointing down.

4 When setting the swinging VHF arms on the back of the DT8, be sure to lift over clip (**Arrow**) to avoid breaking and reverse the procedure when taking down. Most TV reception in Australia is UHF and arms need not be set as shown in the photos on the cover and can be left down. Try TV tuning without setting arms first.



See photos on front cover for exact set up of horizontal and vertical signals.

A bracket and mast to Caravan is not supplied

This is to be purchased as a separate item. Our standard range of brackets and mast are designed to work with this model antenna. Our 20mm white plastic mast fits into swing head adaptor. A 22mm round timber can be used to reinforce your mast. If required, contact your local hardware store. If not using a HAPPY WANDERER bracket you will need to adapt a short length of plastic mast onto your mast.

TROUBLE SHOOTING - Problems and Solutions

Problem	Check and Remedy
1. Nothing appears on the screen.	<ul style="list-style-type: none"> Nearly all problems with this antenna are related to the use of old push in plugs. Try bypassing the old push in plugs and use the supplied HW019 digital Thru Van Wall Connector by running the cables through a door or window. If this fixes the problem its time to update your push in plugs permanently. If you still want to use push in plugs with this antenna you will need to purchase an adaptor from Happy Wanderer.
2. TV picture black and white. (Analogue TV) Poor quality sound.	<ul style="list-style-type: none"> Test if your push in plugs are at fault as per item 1. Check as to whether the TV signal is vertical or horizontal. Rotate the antenna if the signal is horizontal mode to see if there is improvement. Repeat in vertical mode.
3. Pixelation / picture breaking up. (Digital TV)	<ul style="list-style-type: none"> Test if vertical or horizontal signal required. Distortion of the picture could indicate a weak signal and boosting may be necessary. See Back Page Signal may be too strong using the gain booster or if using the easy-tune follow the instructions. If receiving UHF & not VHF, Set arms on antenna.
4. No lights on signal finder but still good TV picture signal	<ul style="list-style-type: none"> DT8 receives signal on good quality TVs with strength less than 1st light on signal finder. Set up antenna & tune TV set even if there are no lights.

TUNING

To maximise reception signal we recommend the use of the TV Signal Finder - or Combined Signal Finder Amplifier Booster. You need to re-tuning your caravan TV set to suit each location reception. This is normal for a TV set on the move as opposed to a set permanently in one location. We feel that boosting will rarely be needed as the antenna has long range capabilities so it suits most Australian locations. TV Sets have a varying degrees of tuning strength. LCD TV's tune at a lower signal frequency. If your TV is an LED TV then higher strength signal may be required. (See Boosters on back page). It may be your TV & not the antenna.

WARNINGS AND CAUTIONS

- When drilling holes in your Caravan or RV ensure you are aware of where electrical cables are located. If any doubt contact manufacturer.
- When fitting antenna brackets to your Caravan or RV ensure safe practices are used at all times. Use ladders or steps when unable to fit standing on the ground.
- For safety sake do not set antenna up near electric wires or neon lights. Also where subject to extreme heat.
- Be aware that antenna and masts may become an obstacle to people or cars. Position antenna securely on mast and mast on bracket. Regularly check condition of bracket and mast.
- Avoid use of antenna in severe weather conditions such as thunderstorms or very high wind.
- Avoid use of antenna in areas subject to shock or vibration or other unstable areas.
- DO NOT bend coax cable sharply particularly near loop element entry point as this may cause the centre core wire to fracture.