



Model

**CR36-TPM-W**

AM/FM Radio  
Receive Whip,  
1.0 metre

Replacement  
top for CR36-W

- White heatshrink fibreglass, chrome mount ferrule
- Mounts to any antenna base with 5/16"-26 brass male thread

INSTALLATION  
GUIDE

[www.zcg.com.au](http://www.zcg.com.au)

## DESCRIPTION

To improve AM and FM radio reception, the CR36W-TPM-W whip offers excellent performance.

Standing 1.0 metre tall, the whip is fully braided with fibreglass core, white heatshrink cover and chrome plated brass ferrule.

This lightweight antenna can be fitted to any antenna base with a 5/16"-26 brass male thread and mounted in various locations, either fixed or mobile.

Suitable ZCG base assemblies recommended for mounting are located at the base of this installation guide.

## TUNING

The antenna tune has been optimised in the factory to receive AM Radio, 530 to 1600 KHz and FM Radio, 87.5 to 108MHz.

This tuning cannot be altered.

## INSTALLATION TOOLS REQUIRED

- 16mm drill bit for mounting hole of base (if required)
- 11mm spanner for base top nut securing
- 15mm spanner for whip securing on base
- Cable ties for securing coaxial cable route
- Small cutters for cable tie excess removal
- Amalgamation tape and PVC tape for connector sealing

## SELECTING THE MOUNTING POSITION

The recommended mounting position for this antenna is as high on your vehicle or structure as possible using the appropriate base and bracket with a 16mm hole. A typical mounting position is a vehicles bullbar or truck mirror.

For fixed position mounting, mount as high on your structure using an appropriate bracket with a minimum 16mm hole.

To achieve best performance from your antenna, these are the important principles you should consider when selecting the mounting point:

1. **Mount the antenna in as high a place as possible.**
2. **Mount the antenna as far away from other antennas and metallic objects as possible to avoid interference and distortion of the 360° omnidirectional pattern. At least 350 mm side clearance is desirable, preferably more.**
3. **Mount the antenna vertical, not at an angle, any angle of your antenna will reduce performance.**

## MAINTENANCE

Our CR36-W-TPM is constructed of robust UV rated external materials and high quality internal radiating components to ensure a long, reliable service life with minimum maintenance.

We recommend a full system visual inspection of your antenna, mount base, coaxial cable route and termination security yearly to ensure your system is performing adequately. A regular check of your receive device performance should also be undertaken as per the manufacturers guidance.

## Mounting bases recommended and available separately

### OB-3

Australian Standard UHF OB Base, White, 5/16"-26 brass male thread, no cable, no connector

### CRBL-W

OB-2 Base, white, 5/16"-26 brass male thread, 4 metres of white RG58 low loss stranded cable with car radio connector fitted

### MGB-OB

Magnetic OB-2 Base, steel with polished black powder coat finish, 10.5 cm diameter, heavy duty magnet, PVC matted pad on bottom, 4.7 metres RG58 low loss stranded cable side exits, no connector

**We also stock a complete range of vehicle mounting brackets. Visit [www.zcg.com.au](http://www.zcg.com.au) for details.**