ZCG

Model
AMFM INTER

AM/FM radio receive whip 1.0m

AM Radio 530-1600 kHz & FM Radio 87.5-108 MHz

- UV Stabilised heatshrink
- Mounts to any antenna base with 6mm international female thread such as XB-4.7

INSTALLATION GUIDE

www.zcg.com.au

ANTENNA DESCRIPTION

Standing 1.0m tall, AMFM INTER is a very effective receive only whip to receive AM and FM radio transmissions in either a fixed or mobile installation. Factory tuned to receive the full AM 530-1600 kHz and FM 87.5-108 MHz radio frequency ranges. The AMFM INTER mounts to any antenna base with 6mm international male thread.

Construction consists of copper radiating internals, flexible fibreglass core with black UV stabilised heatshrink outer with a black powdercoated brass ferrule.

A detailed specification sheet is available to download from our website **www.zcg.com.au**

SELECTING THE MOUNTING POSITION

The whip can be mounted in various positions on a vehicle, or some other fixed location.

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

1. **The antenna mounting base will require a metal ground plane for effective performance.**
2. **Mount the antenna in as high a place as possible.**
3. **Mount the antenna as far away from other antennas and metallic objects as possible to avoid interference and distortion of the 360^{o} omnidirectional pattern. At least 350mm side clearance is desireable, preferably more.**
4. **Mount the antenna vertical, not at an angle.**

TUNING

The AMFM INTER has been factory tuned to cover the full AM 530-1600kHz and FM 87.5-108MHz frequency range for receive only purposes. The typical average VSWR is 1.9:1.

The whip tuning cannot be altered.

Mounting bases recommended and available separately

XB Base
6mm male thread base, Black, no cable, no connector

XB-4.7
6mm male thread XB base, black, , 4 metres of RG58 low loss stranded cable, no connector

MGB-XB
Magnetic XB 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

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Specifications are subject to change without prior notice

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