Matrix
Digital Antenna

Product Features
1. The aerial can receive both digital and analogue terrestrial TV signals
2. The omni-directional (360 degree) design eliminates the need to locate the direction of your local TV and radio transmitter.
3. High gain with built-in signal amplifier and high receiver sensitivity
4. Can be permanently fixed on your caravan, motorhome, truck or boat

Electrical Specification
1. Frequency Band: VHF, UHF
2. Frequency: VHF: 174~233MHz, UHF: 470~870MHz
3. Gain: 20±2dBi
4. Working Voltage: 10~14V
5. Impedance: 75ohm
6. Radiation Pattern: Omni-directional
7. Coax Cable: 3C-2V, L=4 m
8. Connector: PAL-Male

Quick-start Guide

Vehicle Roof Installation
1. Make four 5mm diameter holes in the vehicle roof
2. Choose suitable fixings (not included) to fix the antenna on the vehicle roof.
3. Route all cables securely and plug the RF connector into the TV and the cigar plug into a cigar plug socket. The cigar plug MUST be used as it contains the protection for the electronics in the device. Under no circumstances should the cigar plug be cut off and the unit hard-wired.
4. After installation, check the roof for leaks.

Note
1. Do not connect the power until installation is complete and sealant has been applied
2. For better reception, the antenna should be kept away from other power sources, coax cables etc.
3. Install as high as possible. If there is interference between the antenna and transmission tower it will cause signal attenuation
4. Please fix the cable carefully.

Troubleshooting
No picture or poor picture:
1. Check all connections from the antenna to the TV, make sure all the connections are correct
2. Check power supply equipment is correctly functioning
3. Make sure all the coax cabling is in good condition.
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