

# EVOLVE<sup>®</sup> Jade 1

EN  
V3 - 23/12

Elegant outdoor antenna for digital and analog TV reception



## Introduction:

This is special designed TV antenna for digital and analog terrestrial HDTV broadcasting reception. With the anti-UV and water proof housing, it is the best solution for home reception and mobile use (camping boating, etc), Optional mounting accessories are available for different outdoor using conditions

## Technical Data:

- Frequency Range: VHF 88-230MHz, UHF 470-698MHz
- Receiving range: VHF/UHF
- Max. Output level: 100dB $\mu$ V
- Impedance: 75 $\Omega$
- Noise Figure: <4.5 dB
- Power Supply: DC 5V

## Included in Package:

Before start your installation, please check the contents.

1. Antenna main unit
2. Power adapter
3. Coaxial cable including amplifier
4. Accessories for mounting



## Product Features:

- SMD circuit technology design
- Shielded for minimum interference
- Built-in high gain and low noise amplifier
- Portable for mobile use (camping, boating, etc).
- Anti-UV coating and waterproof design for durability
- Support all digital and analog signals reception
- **Omni directional** characteristics provide excellent non-adjustments reception in 360<sup>o</sup> directions
- Optional mounting accessories for different outdoor using conditions
- Stylish and compact size design with highly innovative technique process
- Specially compatible with HDTV of digital terrestrial ATSC signal.

## Mounting the antenna:

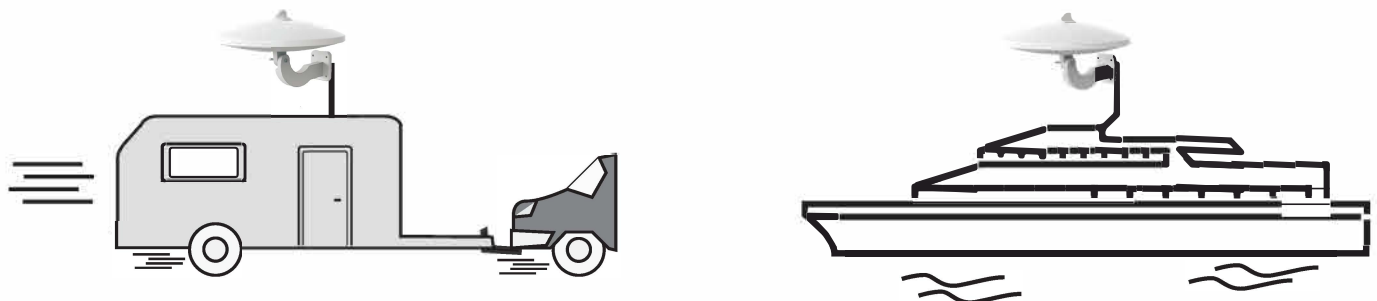
**(Fig.1)** Use the center mount to fix the antenna on the pole.

Fig.1

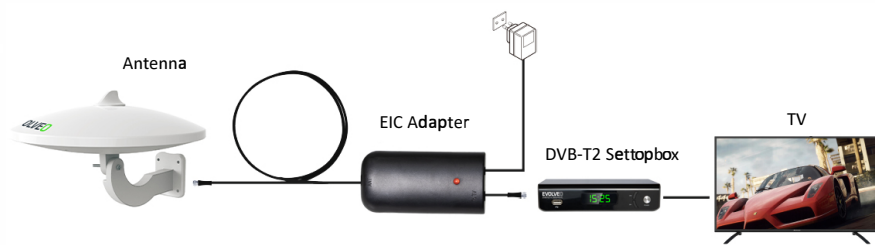


**(Fig.2)** Available for mobile (camping, boating, etc.) use.

Fig.2



**Installation: Please take following (Fig.4) installation instruction for reference.**



**Installation 1 : directly connected to HDTV** Connected through digital converter box (Fig.4)

**Installation 2 : Directly connected to HDTV(Fig.5)**

Note: After the antenna mounting and installation is finished, please adjust the antenna in the best position that can get clear TV picture, then fix the antenna, organize the coaxial cable for neat, tidy and safety,

**Operation Instruction:**

Note: For the best reception, please check the following conditions

1. Keep the antenna away from the sources of interference: keep the antenna away from those big power consumption devices, such as air conditioner, elevator, hair dryer and microwave oven...etc.
2. Place the antenna near windows when use the antenna in indoor environment.
3. Install the antenna as high as possible: in digital terrestrial reception, if there are some interceptions between antenna and transmission tower, it will cause the signal loss temporarily. So if the antenna is installed as high as possible, those interceptions will be reduced.



Disposal: The symbol of crossed out container on the product, in the literature or on the wrapping means that in the European

Union all the electric and electronic products, batteries and accumulators must be placed into the separate salvage after finishing their lifetime. Do not throw these products into the unsorted municipal waste



DECLARATION OF CONFORMITY

Hereby, the company Abacus Electric, s.r.o. declares that the EVOLVEO Jade 1 is in compliance with the requirements of the standards and regulations, relevant for the given type of device.

Find the complete text of Declaration of Conformity at <http://ftp.evolveo.com/ce/>

Dovozce / Výrobce - Dovožca / Výrobca / Importer / Manufacturer - Importőr / Gyártó:  
Abacus Electric, s.r.o.  
Planá 2, 370 01, Czech Republic

Made in China

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AC 240V/DC 5V power supply used to power the antenna amplifier.

Manufacturer's name		BRIGHTPOWER OPTPELECTRONIC TECHNOLOGY CO., LTD			
Manufacturer's address		Yinyong Industrial Zone, Jinma Road, Hengli Town, Dongguan, Guangdong Province, P.R. CHINA			
Information published	Value and precision	Unit	Information published	Value and precision	Unit
Model identifier	SW0500200-A02		Output power	1,0	W
Input voltage	AC 100-240	V	Average active efficiency	60,4	%
Input AC frequency	50/60Hz	Hz	Efficiency at low load (10 %)	/	%
Output voltage	DC 5,0	V	No-load power consumption	0,1	W
Output current	0,2	A			