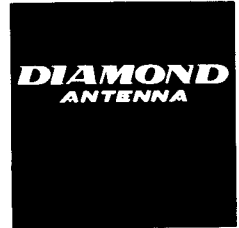


# OPERATING MANUAL

## D-130 Super Discone Antenna for Wideband Reception



The D-130 Super Discone Antenna is the first ultra-wideband antenna in the market which can cover amateur radio, air traffic control and other various utility frequency bands and, in addition, even some amateur radio frequency bands within the covering frequency range can be transmitted with this antenna alone. The D-130 is designed to be able to assemble very easily and can be built in a couple of hours by beginners. Rust free stainless steel is employed in major component parts to have the antenna rust resistant and durable. And its very compact and lightweight design enables it to be installed at any convenient place.

### Description

1. Ultra-wideband design to be able to cover 25 to 1300 MHz.
2. Very compact and lightweight design enables the antenna to be installed on balcony railing at an apartment or condominium.
3. Coaxial cable, about 15 m (49.2') with UHF connectors at both ends, is included.
4. Rust resistant structure employing stainless steel in major component parts allows the antenna to be used at seaside environment.
5. 6 m, 2 m, 70 cm and 23 cm amateur frequency bands and 33 cm band (900 MHz) can be transmitted.
6. Very cost effective compared with similar antennas.
7. Since all radial rods are designed to have the same length, the D-130 is perfectly omnidirectional as original discone antenna and can receive radio propagation from any direction evenly.
8. The D-130 can be made further compact and lightweight by removing the top element assembly, if it doesn't require to receive lower end frequency range.

### Specifications

Frequency range	25 to 1300 MHz for receiving (Amateur frequency bands and personal radio frequency band for transmitting)
Length	1.7 m (66.9")
Weight	1 kg (2.2 lbs.)
Max. diameter	0.41 m (16.1")
Mast diameter	25 to 52 mm (0.98" to 2.05")
Max. power	200 W at transmittable frequency bands
Coaxial cable	RG58A/U 15 m (49.2') with UHF connectors
Type	Wideband omnidirectional discone antenna

### Assembling the D-130 Super Discone Antenna

