

Bato's House
93 3rd St
Springs 1560
Gauteng
South Africa

Batos Radio & TV

Your one stop Electronic Shop

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Fox Hunt Loop Antenna

Bidirectional Antenna for Radio Direction Finding



Unlike some other directional Antennas like Yagi, the **Loop Antenna** is used in the null mode (minimum signal) because the null mode can provide a very sharp bearing, readable to plus minus five degrees.

The **Loop Antenna** has the advantage of being less affected by reflection signals due to its Faraday shield.

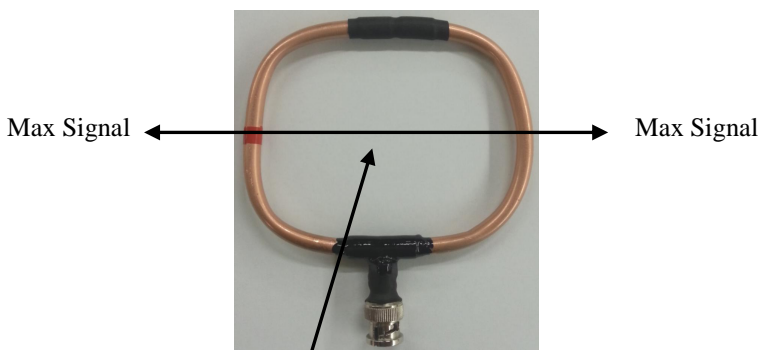
By itself, the Loop can provide the entire Antenna requirement for direction finding provided the signal is strong to be received by the untuned Loop. If the signal is too weak, Yagi is recommended for its directional gain.

If the signal is too strong, the use of an attenuator may be required.

Radio direction Finding is partly art, partly a science. It requires skill. You may need to practice to acquire that skill.

Happy Hunting

Actual size of the Loop Antenna
BNC Connector
Usable from 1Mhz to 800Mhz







& TV
85
0/1

Wouxun

RPT

A/B

S/D

MENU

▲

▼

EXIT

STEP 1

SQL 2

SAVE 3

SCAN*

TXP 4

ROGER 5

TOT 6

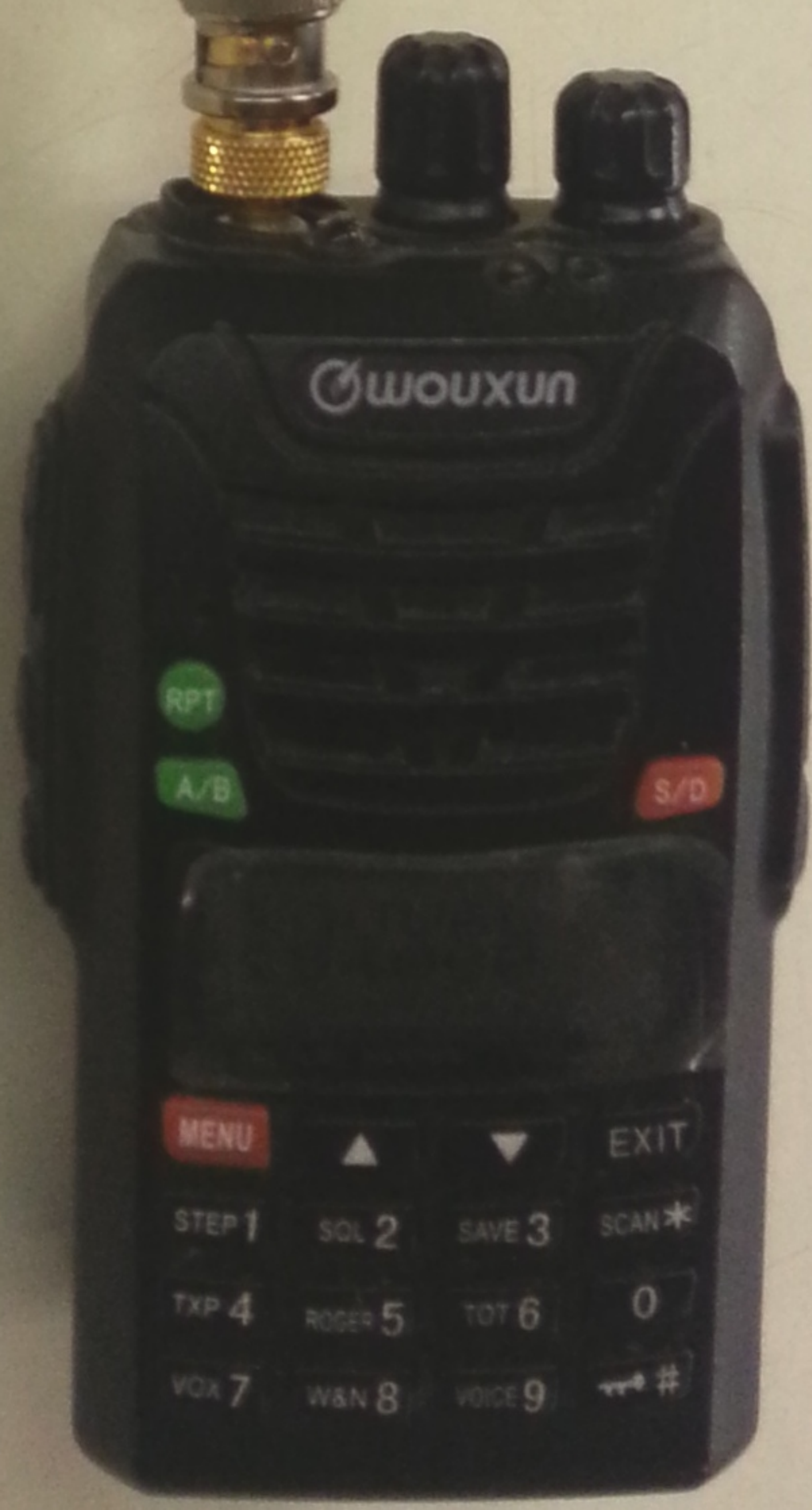
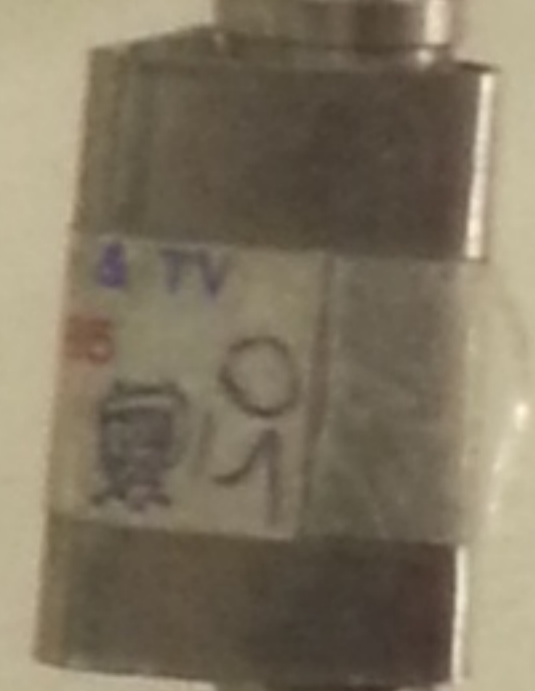
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VOX 7

W&N 8

VOICE 9

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RDF1

Get the direction

Batos Radio Direction Finding Antenna

RDF1 can provide a very sharp bearing, readable to plus minus 5degrees and has the advantage of being less affected by reflection signals due to its Faraday shield and construction. So the antenna can be used for selective signal reception & in turn antenna can be used for **direction finding**.

Radio Direction Finding is part science part art.

It requires knowledge and skill.





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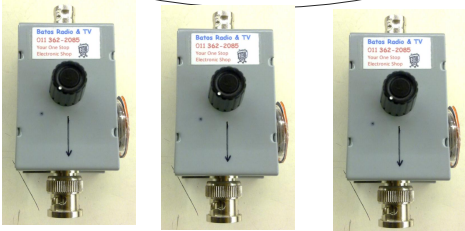
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**Electronic Variable
Attenuator
0-100dB**



**Fixed Attenuator
25 & 50dB**

