

REVCO WHEN QUALITY COUNTS

REVCONC

The UK's favourite discone composed of traditional British quality engineering.

The REVCONC works well without exaggerated advertising claims. It is designed to cover 50 to 500 MHz, and thousands of satisfied users will testify to its efficiency. Unlike some manufacturers we do not claim a wider frequency coverage, and we do not quote inflated figures for gain. A gain figure is meaningless unless the reference point is stated.

Optional vertical whip feature: it is possible to fit a vertical whip section to a discone. We do not want to give you the "hard sell" where this vertical element is concerned, but there is some evidence that it may improve the performance of the antenna around the resonant frequency of the whip. That's why we make it an optional feature.

Another option is the N-type connector instead of the popular SO238 N-type gives a better UHF performance, but they cost a bit more. The choice is yours.

Because the REVCONC is British-made by a Company which has been in business for 30 years, you buy with confidence, knowing that there is back-up should anything go wrong.

WIDE-BAND PRE-AMPLIFIERS

The problem with omnidirectional wide band antennas is their lack of gain.

The REVCO PA3 range of wide band pre amplifiers complement the antennas and compensate for their short coming.

The basic specification of the products is similar: coverage 20MHz 1GHz, at 1GHz minimum gain 13dB, noise factor 5.5dB. Choose from a mast head version (PA3H) or a standard die cast box type (PA3B). Best results are normally obtained from the masthead model which gives a boost to weak signals which would otherwise have been lost in the feeder cable. Also feeder cable noise is not amplified which is the case if the amplifier is mounted at the base of the feeder. On the other hand, the die cast box version requires no special installation and is readily taken in or out of circuit. The masthead model is supplied with a special power unit which takes the DC supply into the antenna feeder. No PSU is provided for the PA3B as it uses a 9.15V DC source is suitable (current requirement about 25mA).

The standard version of the PA3B has BNC sockets and is designated 'PA3B', available to special order N-type sockets ('PA3BN' for SO238 ('PA3BS').

A special feature of the PA3 series is a high pass filter to attenuate frequencies below 20MHz; high power HF & MF broadcast stations can be very troublesome!

RADAC

This Wide band antenna offers an interesting alternative to the discone. It is simply an array of dipoles, but the clever bit involves arranging the dipoles to maximise bandwidth and minimise interaction. The RADAC can be set up for a range of frequencies from 27MHz to 500 MHz, and because very good impedance matches can be obtained the user can specify any six frequency bands in this range for optimised performance, either for receiving, or more usefully, for transmitting. For example, all the Amateur Bands from 10M to 70CM can be covered in one antenna. If you are in the PMR business, the RADAC can be customised for your needs. Aircraft listening enthusiasts can specify VHF & UHF Airband coverage.

What a versatile antenna! Design and engineering excellence from REVCO.

ON-GLASS ANTENNAS

This type of antenna mount has been around for a long time, but they were difficult to produce successfully at VHF. The Civilian Radio Institute has pioneered the glass mount, but there are few design problems at 900MHz. So long as the mounting assemblies are small, REVCO's experience in mounting the UK's 1000 Callers On glass has led to the production of superior quality HF and UHF products. Here are a few facts which you should know.

Coupling efficiency: apart from the cost of the glass, there is no need to shield the outside world, you don't want to, and RF from the outside world, the "noise" you're not after for vehicle electronic systems, and even by HF and for mobile units.

Sticking power: no need if the glass is not too thick. A special glue is used to fix the REVCO stays on. Should you change your mind, the stays can be removed without damage to the glass mount. Some of the components are a small size of some components to the REVCO has 2 pre assembled parts, made and mounted, what could be simpler?

Weather resistance: REVCO determines the weather resistance of the glass mount by the use of a special rubber to protect the glass mount. The REVCO glass mounts do cost a bit more, which reflects these superior features.

REVCO also make a full range of mobile antennas for frequencies from 27MHz to 950MHz, and new products are constantly under development. Contact your local Dealer or in case of difficulty write, phone or fax. Trade enquiries welcome.

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