

SPECTRUM 1600

10 METERS CB BASE STATION HIGH POWER ANTENNA

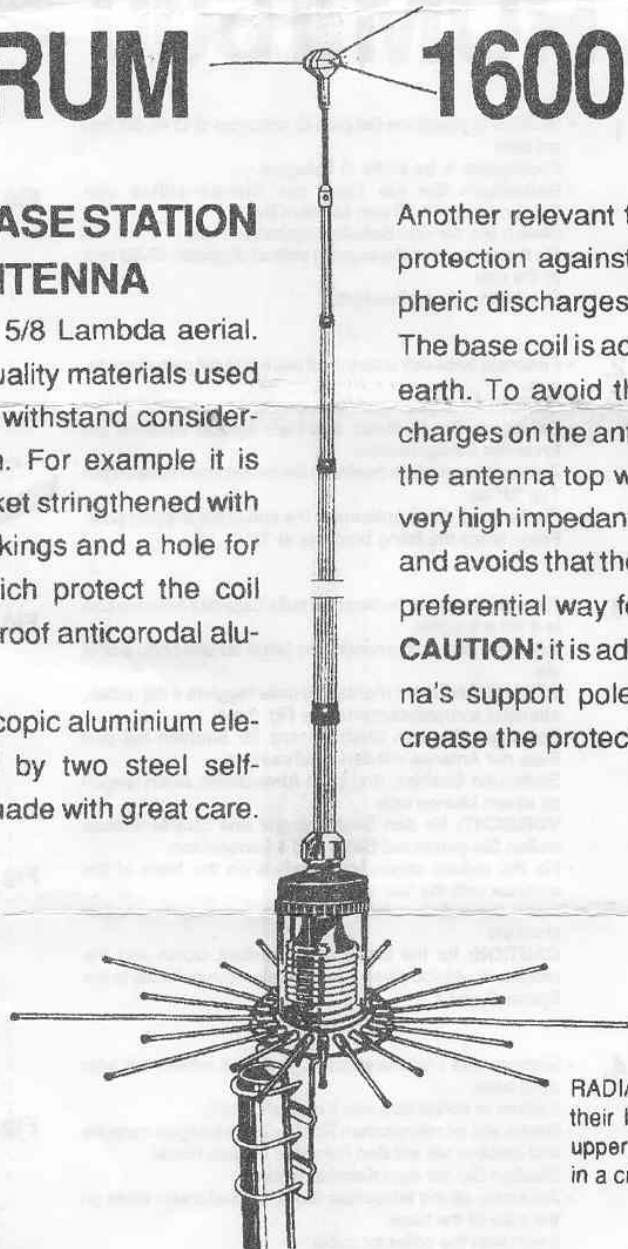
The Spectrum 1600 is a 5/8 Lambda aerial. Thanks to the very high quality materials used for its construction, it can withstand considerable environmental strain. For example it is provided with a steel bracket strengthened with stiffening ribs, rubber packings and a hole for condensate drainage which protect the coil from water, and weatherproof anticorrosive aluminium.

The clamping of the telescopic aluminium elements which are locked by two steel self-drilling screws has been made with great care.

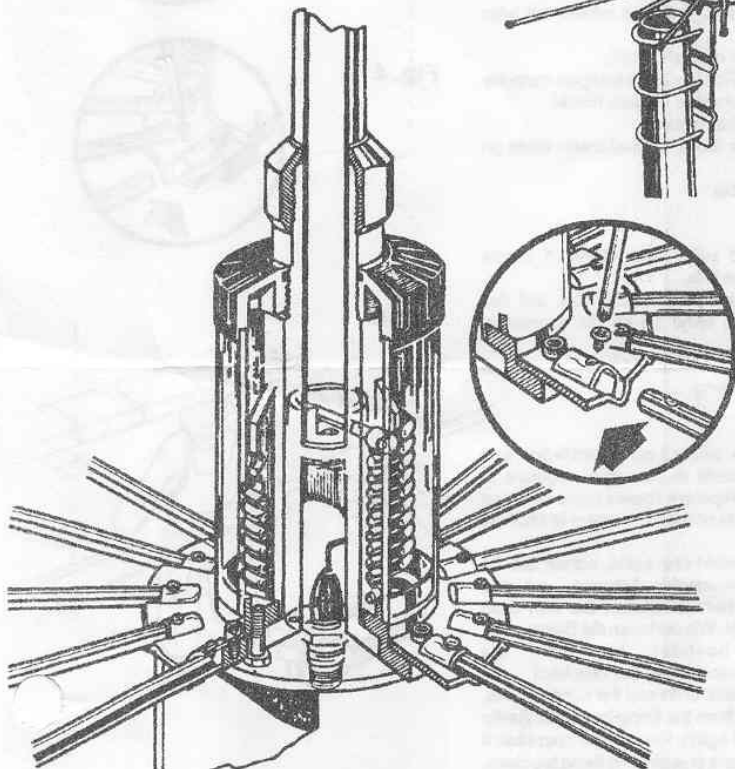
Another relevant feature of this antenna is its protection against static charges and atmospheric discharges.

The base coil is actually in short circuit towards earth. To avoid the bunching of electrostatic charges on the antenna, the calibration stub on the antenna top with its typical spring offers a very high impedance to atmospheric discharges and avoids that the antenna itself becomes the preferential way for the lighting discharge.

CAUTION: it is advisable to connect the antenna's support pole to the earth system to increase the protection effectiveness.



RADIALS MOUNTING: set the radials in their lower seat, cover the seat with the upper crown and tighten the locking screws in a crossed way.



TECHNICAL FEATURES

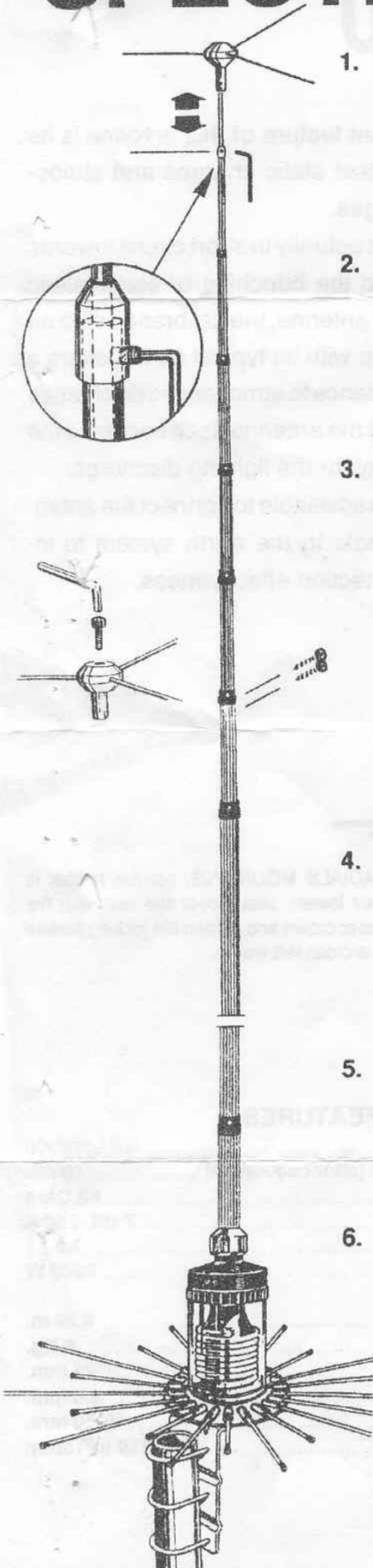
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|---|------------|
| Antenna type | 5/8 Lambda |
| Frequency range (after calibration) | 10 mt. |
| Impedance | 50 Ohm |
| Gain | 7 dB ± 10% |
| SWR | 1.2 : 1 |
| Max power | 2500 W |

SIZES

| | |
|------------------------|------------------|
| Length | 6.20 m. |
| Weight | 5 Kg. |
| Coil dia. | 75 mm. |
| Wire dia. | 4.5 mm. |
| Support pole dia. | 48-50 mm. |
| Connector | SO-239 in Teflon |

SPECTRUM 1600

ISTRUZIONI DI MONTAGGIO GEBRAUCHSANWEISUNGEN INSTALL INSTRUCTIONS



1. • Stabilire la posizione del palo di sostegno di Ø 48-50 mm sul tetto.
Posizionare le tre staffe di fissaggio.
• Befestigen Sie die Lage der Stangenstütze von Durchmesser 48-50 mm auf dem Dach.
Stellen Sie die drei Befestigungshalterungen.
• Fix the position of the support pole of diameter 48-50 mm of the roof.
Set the three fixing brackets.
2. • Fissare la base dell'antenna all'estremità del palo di sostegno.
Stringere energicamente le apposite staffe a "U".
• Befestigen Sie die Basis, den Fuss von der Antenne am Ende der Stangenstütze.
Ziehen Sie energisch (kraftvoll) die passenden Halterungen Typ "U" an.
• Fix the base of the antenna at the end of the support pole.
Press firmly the fitting brackets at "U".
3. • Fissare la raggiera portaradiali sulla base dell'antenna con le 4 viti a brugola.
Inserire i radiali, alternando uno lungo ad uno corto e così via.
ATTENZIONE: per il montaggio della raggiera e dei radiali, attenersi scrupolosamente alle Fig. 3 e 4.
• Befestigen Sie den Strahlenkranz für Strahlen auf den Fuss der Antenne mit den 4 Schrauben.
Stellen die Strahlen, und beim Abwechseln einen langen zu einem kleinen usw.
VORSICHT: für den Strahlenkranz und Strahleneinbau wollen Sie genau auf Bild 3 und 4 beobachten.
• Fix the radiant crown holderradials on the base of the antenna with the four screws.
Insert the radials, while alternating one long to another short etc.
CAUTION: for the install of the radiant crown and the radials, would you please pay attention scrupulously to the figures 3 and 4.
4. • Montare tutti i tubi telescopici, fissarli e infilarli sul tubo della base.
Inserire in connettore con il cavo (PL-259).
• Bauen alle teleskopischen Rohre ein. Befestigen dann sie und stecken sie auf den Rohr des Fusses hinein.
Stecken Sie mit dem Kabelverbinder.
• Assembly all the telescopic tubes, fix and insert them on the tube of the base.
Insert with the collector cable.
5. • Sollevare il tutto e fissarlo sulle staffe di Fig. 1 senza stringere, per eventuale taratura.
• Ziehen Sie alles hoch und befestigen das auf die Halterungen von Bild Nr. 1, ohne sie für die eventuelle Eichungen zu drücken.
• Lift everything and fix on the brackets of figure N. 1 without pressing for an eventual setting.
6. • Se la taratura non è perfetta: sfilare il palo di sostegno, con l'antenna montata, dalle staffe di fissaggio, regolare lo stubb e quindi rimontarlo. Ripetere l'operazione nel caso la taratura non fosse ultimata prima di stringere le staffe di fissaggio.
• Falls die Eichnung nicht perfekt sein sollte, wollen Sie die Stangenstütze, mit der montierten Antenne, von den Befestigungshalterungen heraus. Stellen Sie den Stubb ein und bauen Sie ihn wieder. Wiederholen die Bewegung, falls die Eichung beendet ist, vor die Befestigungshalterungen anzuziehen (zu drücken).
• Shoudn't the setting be perfect: unthread the support pole, with the mounted antenna, from the fixing brackets. Settle the stubb and then mount it again. Repeat the operation if the setting is not finished before pressing the fixing brackets.

Fig. 1

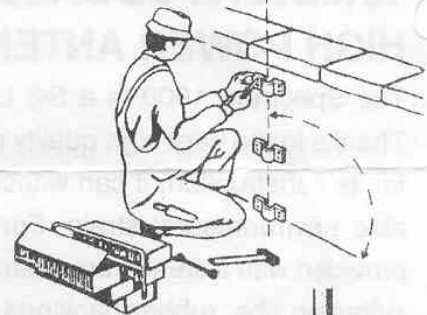


Fig. 2

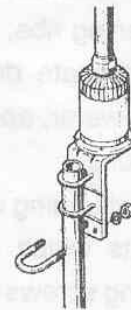


Fig. 3

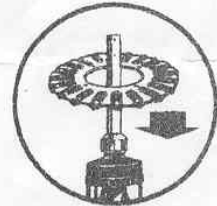


Fig. 4

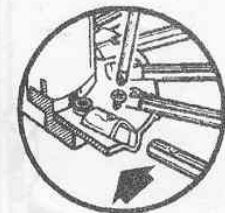


Fig. 5

