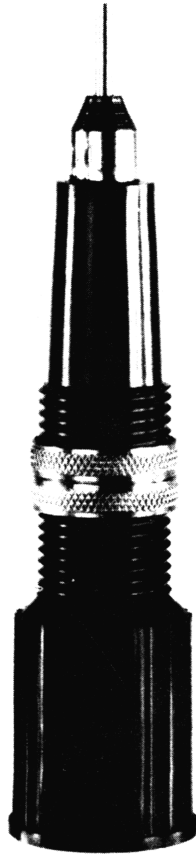


SECRET CB INTRODUCES

"THE BANDIT"

"FOR STEALING A BETTER SIGNAL I AM THE BANDIT," boasts Lamtech, Inc.'s new microtron tuned antenna. With a slogan like that I just had to try one so off the shelf came a Bandit antenna with magnetic mount, and after a short and simple assembly, consisting of mounting the stinger, on to the top of my 4-wheeler it went.



Using a new stock Grant I checked the antenna for SWR using a Blue Vulture wattmeter and found, before adjusting, the SWR was almost flat. After a simple adjustment by moving the rings and switching back and forth between 1 & 40 the SWR came down to zilch. It would not even move the needle on Channels 1 to 40. I moved the antenna down to my hood and checked it again. It was still flat. Moving the antenna back to the top of my 4-wheeler and using a field strength meter I plotted a radiation pattern and found it to be almost round. With it on the hood I found that the radiation pattern was slightly shorter. But all in all it was as good - or in most cases better than - most of the other antennas I have checked.

"THE BANDIT" CONTINUED:

Next the antenna went back on the roof and I started to check the RX and found it to be surprisingly less noisy than my K40. A lot of the static was gone so I mounted the K40 on the roof of my 4-wheeler and taking my field strength meter I plotted a new radiation pattern and found for the same I had to be closer to my 4-wheeler. I wondered how is this, so a quick call to Lamtech and their engineer told me that the bandit has 3 coils. The top two coils are used for tuning, and with two coils you get as much as 6 times more inductance than with a single wrapped coil. This is the feature that allows the antenna



to be tuned without cutting the stinger - you vary the magnetic field with the tuning rings and the impedance remains the same - 50 ohms. This is not the case with other antennas. The third coil is at the bottom of the antenna. This helps spread the RF over a larger area and provides a DC ground. This is what eliminates the noise or static in

The antenna is, I am told, rated at 100W. If you exceed this, you are in danger of melting the plastic at approximately 350W. But I checked the antenna at 200W with no ill effects.

"THE BANDIT" CONTINUED:

After these checks the antenna was checked on another radio by a friend, with the same results, but he discovered that he could tune from 26.000 to 28.000 and not exceed 1.5:1 over the whole range! I found the coax could be cut to any length without effecting SWR. How about that?! You get a 10 day money back guarantee and 12 months on damage or workmanship. In other words, if you damage the antenna yourself, it is still guaranteed same as K40. But the only thing I didn't like about the antenna and K40 still has them beat, is the magnetic mount. It is too small. It would not stay on my 4-wheeler over rough country.

The antenna removal is good and the coax connector is super. Just screw it off. K40 is quicker and excellent. The other mounting methods are good also. You can mount the antenna on a stick or pole and it will match and work good. Results approach a Big Stick. When I tried K40 I had to cut approximately 14" off and match was still high.

Looks like Lamtech has a real winner. Hang in there and Good Luck.

- ANOTHER EXCITING NEW PRODUCT RELEASE - EXPO 100 KIT

This small, compact unit is the answer for the people who have a Cobra AM radio such as the 29GTL or 87GTL or 21XLR. It also fits the new President AM's and many other manufacturers' AM radios.

Installation is simple. All you do is remove a capacitor and install the coax in its place, then hook up the power.

A complete line of EXPO kits are available for your particular radio from your favorite dealer or supplier.

