

VEC-1000KC



Kit building is a super fun way to spend a quiet evening or weekend. You'll find it extremely satisfying to build your own electronic equipment. You'll have a useful electronic gadget that you can show off once you're through. You'll cherish it for years because *you built it yourself*. From shortwave converters to aircraft receivers and ham radio kits to an old fashioned crystal radio kit, you'll find many fun items in the *VECTRONICS* kit line for you.

*VECTRONICS* kits work! They're created by engineers who are hobbyists-at-heart to give you what you want -- a professional product at a hobby price. Each kit features a professional quality epoxy glass PC board with solder mask and screen printed component legend, simple step-by-step instruction manual and the highest quality components. Kit assembly is easy, and they work the first time.

**Don't** forget about our custom cabinets -- they turn your kit into a show piece that your friends won't believe that *you* built.

With *VECTRONICS* kits you get satisfaction, relaxation, and a super fun product you'll be proud to use ... *because you made it yourself*

*VECTRONICS* has a worldwide reputation of building the finest quality amateur radio products made. You can trust our 25 years of experience to deliver super quality, high-performance kits.

*All VECTRONICS* electronic hobby kits are designed and kitted in the *USA... and built by you!*

**VEC-101K** Shortwave Converter VEC-121K Crystal Radio Set  
**VEC-131K** Aircraft Receiver VEC-201K CW Keyer VEC-221K CW Memory Keyer  
**VEC-412K** Fast Battery Charger VEC-422K SCA Decoder VEC-820K CW Filter

VEC-821K Super CW filter  
**VEC-841K** Tunable CW Audio Filter  
VEC-920K 20 M QRP Amplifier  
VEC-930K 30 M QRP Amplifier **VEC-940K** 40 M QRP Amplifier  
**VEC-980K** 80 M QRP Amplifier VEC-1002K 2 Meter Receiver VEC-1006K 6 Meter Receiver

VEC-1010K 10 Meter Receiver  
VEC-1120K 20 Meter Receiver  
VEC-1130K 30 Meter Receiver  
VEC-1140K 40 Meter Receiver  
VEC-1180K 80 Meter Receiver  
VEC-1202K 2M FM Transmitter  
VEC-1220K 20 Meter Transmitter  
VEC-1230K 30 Meter Transmitter

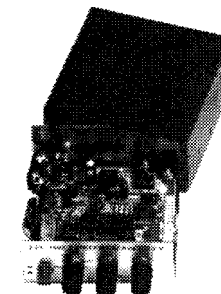
VEC-1240K 40 Meter Transmitter  
VEC-1280K 80 Meter Transmitter VEC-1290K AM Radio Transmitter  
**VEC-1294K** TV Transmitter **VEC-1402K** 2 Meter Preamp VEC-1422K 220 MHz Preamp  
**VEC-1444K** 440 MHz Preamp **VEC-1402DK** Super 2 Meter Preamp

*Vectronics VEC-100211106/1010K FM RECEIVERS*

## Kit Cabinet

model VEC-1000KC

*Turn your VECTRONICS VEC-1002/1006/1010K FM Receiver kit into a fabulous show piece! Add our custom all metal cabinet and knob set to complete your kit! Your friends won't believe that you built it yourself.'*



- You'll get a super attractive custom designed cabinet for your VEC-1002/1006/1010K FM Receiver Kits. It features a scratch-proof vinyl covered top and professional looking front and rear decals that look like nice, brushed aluminum. You'll get a handsomely finished product that your friends will marvel at.
- This rugged all metal cabinet will give you years of enjoyment.
- You get a complete cabinet kit that includes all assembly hardware, front and rear panel decals and self-adhesive rubber feet.
- Your cabinet was custom designed on VECTRONICS' powerful CAD stations and directly downloaded into our world class computer controlled Amada turret punch presses. Each cabinet is precision bent and formed by Amada bending brakes.
- Each VECTRONICS custom cabinet kit is made in the U.S.A. *High-*

To install your receiver in the VEC-1000KC matching enclosure follow these instructions (*read all instructions before beginning... take your time*):

1. Find the front panel decal and rear panel decal; separate using scissors. Be sure to leave excess decal material around the edges. Put the rear panel decal on first. This is done by: a.) Remove all debris and oil from the chassis. This should be done using a piece of cloth and alcohol. b.) Remove the crack and peel to expose the adhesive. c.) Place the decal on the rear panel without securing it completely. d.) Gently rub the alignment circles with your finger--if the circles are centered in the enclosure holes (also check the corner alignment marks) secure the decal by rubbing and removing all air bubbles. e.) If the alignment circles are not centered, adjust the decal accordingly, then secure. f.) Use a penknife, or small Exacto™ knife, to cut away the unused edges (*cut from the adhesive side*) and cut out the component holes (*cut from the description side*). g.) Repeat this procedure for the front panel.
2. Next, install the two L-brackets on the chassis using two of the 3/16" screws. The longer side of the L-bracket *must be* connected to the chassis using the two holes centered on each edge of the enclosure. Refer to the diagram on the next page for location and orientation.
3. Install the two 1/2" mounting screws next. Insert the screws, from the bottom, through the two holes relatively close to each rear corner of the chassis.
4. Place the two 3/16" round spacers on the mounting screws.
5. Now insert the PC board. This must be done by: a.) Remove the nuts and washers from R6, R10, and R16. b.) Insert the front of the PC board at an angle so the controls enter their respective holes. c.) Push down on the rear of the board. Make sure the mounting screws align with the mounting holes in the PC board before pushing.
6. Use the two hex nuts to secure the PC board. Be certain all appropriate components are centered with the enclosure holes before tightening. Put the washers and nuts--removed from R6, R10, and R16--back on and tighten.
7. Find the knobs and switch cap. Align the switch cap with SW 1 and push it on. If it is difficult to push on, then rotate it 90° and try again. Now put the knobs on R6, R10, and R16. You may need to loosen the set screw. Align appropriately then tighten the set screws.
8. Locate the piece of double-sided tape. This is to be used for holding the 9-volt battery clip in place. Locate a place on the underside of the top cover where the battery will not interfere with any components. Peel off the backing of the tape and stick it to the chosen location, then install the battery clip.
9. Install the top now. Use the two remaining 3/16" screws for securing the top to the L-brackets. Make sure the L-brackets are aligned properly.
10. Finally, place the four rubber feet on the bottom of the enclosure at the corners.

