

NEW! THE FINEST FILTER AVAILABLE TO COMBAT SHORTWAVE INTERFERENCE

- **FULLY VARIABLE FREQUENCY & SELECTIVITY!**
- **FOR ALL MODES - SSB, CW, AM, FM**

• **Extremely Sharp Response!** • **Ready to use with ANY rcvr!**

The maker of the FIRST commercial active filter for shortwave radios (1972) now offers the new leader in its field — the "infinitely-variable" QF-1. Over a year in development, with several patents being considered, it provides the optimum response for ANY interference or noise! All three useful selectivity responses are provided:

1. PEAK

A bandpass response as narrow as 30 to 50 Hz, but also continuously adjustable to "flat" using the selectivity control! ANY bandwidth is at your fingertips. Best of all, you can move its frequency anywhere in the useful listening range — 250 to 2500 Hz. You zero-in on a weak station without touching your receiver and listen to him literally leap out of the interference!

Make no mistake. The peak position gives you the BEST CW FILTER available. Owners "trading up" from other CW filters find a startling improvement in eliminating QRM. And you can also peak voice signals by backing off on selectivity.

2. NOTCH

Rejects a narrow band of frequencies. DEPTHS TO 70 DB! This notch really works! Outstanding for eliminating hetrodynes, whistles, BC station beats, CB channel whistles, CW, TV oscillator radiation buzzing, jammers, etc. Fully variable from 250 to 2500 HZ. Most importantly, the selectivity control instantly adjusts notch width over a wide range to match interference width, and for easy tuning with least effect on the desired signal.

3. LOWPASS

The classic filter shape for voice reception. Rejects high-frequency hiss, static, and splatter. The frequency control adjusts the cutoff anywhere from 250 to 2500 Hz — as narrow as you desire to match conditions!

SOPHISTICATED DESIGN

This filter is not a toy. Two COMPLETE multi-pole tunable filters are cascaded using expensive matched dual pots, and switching. This is costly, but yields the EXTREMELY SHARP SKIRTS you need. It improves even \$3000+ receivers in ALL MODES, not just CW. Its flexibility puts it in a different class than any "fixed frequency" filter, or one with limited selectivity control. Don't confuse it with simple non-cascaded designs either. And, since it's an AUDIO filter, it works on all bands, with any receiver.

MOST OFTEN USED BY:

- AMATEURS
- CB OPERATORS
- MILITARY COMMUNICATIONS STATIONS
- SERIOUS SWL'S
- DX'ERS
- CONTEST WINNERS



MODEL QF-1

Only \$55 ppd USA

Add sales tax in Calif.

Now with improved styling! Stunning light-grey panel with silver lettering. Tough black steel case. A handsome addition to your station!

- Drives a speaker (or phones)
1 watt output fills a room.
- No batteries to replace. 115 VAC supply built-in (or runs from 12VDC)

Everything supplied! Just plug into phone jack or connect to speaker terminals. 8 IC op amps plus speaker amp. Two circuit boards. 5"x4"x3½". 2 lbs.

Made in U.S.A. using highest quality components and glass-epoxy printed circuit boards.
Full one-year warranty against defects in workmanship and materials to original purchaser.

AUTEK RESEARCH • Box 5127B / Sherman Oaks, CA 91403

MODEL QF-2

Only \$34 ppd USA

Add sales tax in Calif.

(Not illustrated). Basic circuit board (2¼" x 3¾" x 1½" high) version of QF-1 less speaker amp, AC supply, cabinet, knobs. Connect to rcvr/xcvr volume control to use rcvrs speaker amp or connect at receiver output — drives headphones directly. Mount inside or outside rcvr, or in your own box. 5" wire leads (min.) to freq., selectivity, and function controls (included). Requires 6 to 30 VDC at a few ma. Fully assembled and tested. FULL INSTRUCTIONS. Works with any rcvr/xcvr.

OTHER QF-1 FEATURES:

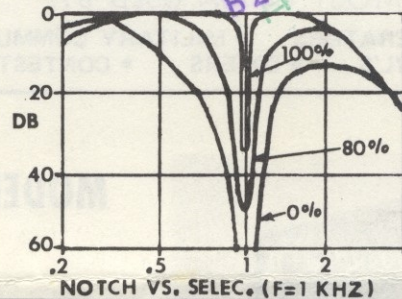
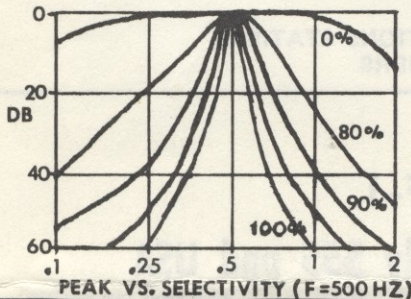
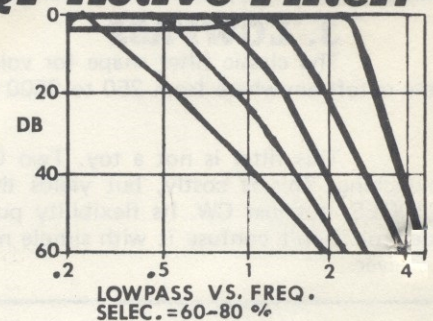
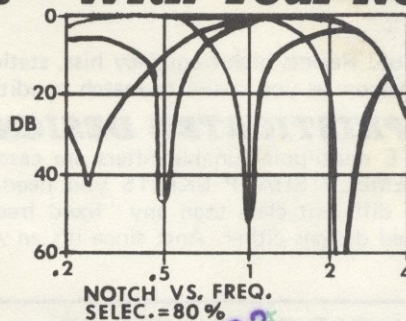
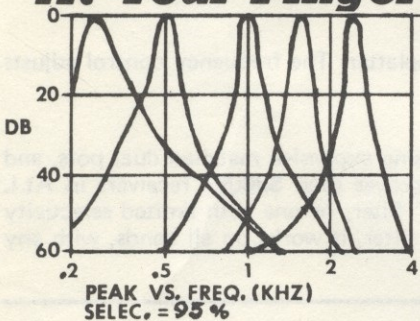
- No Impedance Matching: You can drive it from any receiver output; and it drives any load.
- No Insertion Loss: Gain of at least two available in all positions.
- Proven Design: Thousands are in use worldwide improving every conceivable type of communications equipment.
- 1980 Performance Now: QF-1 features are just beginning to appear in new transceiver designs.

FOREIGN SHIPPING:

Add \$1 to Canada. Elsewhere, add \$10 for QF-1, \$6 for QF-2 (Airmailed).

SPECIAL 10% CLUB OR GROUP DISCOUNT! Five or more must be shipped at same time to one address to qualify. Models may be mixed. Include purchasers names for warranty.

A FEW OF THE INFINITE NUMBER OF RESPONSES At Your Fingertips - With Your New QF Active Filter!

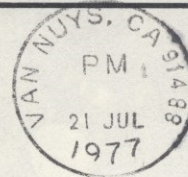


SEE TEST REPORT
MARCH 1977, QST

AUTEK RESEARCH

Box 5127B
Sherman Oaks, CA 91403

"ASK ON THE AIR ABOUT THE GREAT PERFORMANCE OF THESE PRODUCTS"



TO: