

**Z Communications Company
Glen E. Zook, K9STH
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Prices effective 1 June 2006

Amateur Radio Service Price List (CONUS) Texas Residents Add 8.25% Sales Tax

Collins

75A1

Simple alignment (including setting PTO endpoints)	\$60.00
Replace troublesome capacitors (bath tub capacitors are left in place for "looks") There are a total of 41 capacitors to be replaced.	\$250.00
Clean radio (must be done with alignment)	\$30.00
Repair / Modify, etc. per hour charge (1 hour minimum charge) + parts	\$60.00
All tubes replaced will be charged at market value	

75A2 / 75A3

Simple alignment (including setting PTO endpoints)	\$60.00
Replace paper capacitors (including parts)	\$110.00
Clean radio (must be done with alignment)	\$30.00
Repair / Modify, etc. per hour charge (1 hour minimum charge) + parts	\$60.00
All tubes replaced will be charged at market value	

75A4

Simple alignment (including setting PTO endpoints)	\$60.00
Replace paper capacitors and "deadly" 10 capacitors (including parts)	\$160.00
Clean radio (must be done with alignment)	\$30.00
Repair / Modify, etc. per hour charge (1 hour minimum charge)+ parts	\$60.00
All tubes replaced will be charged at market value	

32S-1, 32S-2, 32S-3, 32S-3A

Simple alignment (includes setting PTO endpoints)	\$60.00
Clean radio (must be done with alignment)	\$30.00
Repair / Modify, etc. per hour charge (1 hour minimum charge) + parts	\$60.00
All tubes replaced will be charged at market value	

75S-1, 75S-2, 75S-3, 75S-3A, 75S-3B, 75S-3C

Simple alignment (includes setting PTO endpoints)	\$60.00
Clean radio (must be done with alignment)	\$30.00
Repair / Modify, etc. per hour charge (1 hour minimum charge) + parts	\$60.00
All tubes replaced will be charged at market value	

E. F. Johnson

Recondition knobs includes replacing white insert if missing, re-lacquering, etc. Knobs must be complete (not broken).

Small knob (1.125 inch diameter)	\$5.00
Medium knob (1.5 inch diameter)	\$6.00
Large knob (VFO, etc. without white insert)	\$7.00
Small metal skirted knob (with 0-100 scale) includes redoing numbers	\$10.00
If missing "set screws", replacement set screws each	\$0.50

Heath

Align Receivers (SB-300, SB-301, SB-303, Mohawk, etc.)	\$60.00
Align Transmitters (Apache, etc.)	\$60.00
Align Transceivers (SB and HW series)	\$75.00
Clean equipment (must be done with alignment)	\$30.00
Repair / Modify, special alignments, etc. per hour charge (1 hour minimum) + parts	\$60.00
All tubes replaced will be charged at market value	

Other brand receivers: Hallicrafters, Drake, Hammarlund, National, etc.

Simple alignment	\$60.00
Clean radio (must be done with alignment)	\$30.00
Repair / Modify, special alignments, etc. per hour charge (1 hour minimum) + parts	\$60.00
All tubes replaced will be charged at market value	

Other transmitters: Collins, Hallicrafters, Drake, Hammarlund, Johnson, WRL, etc.

Simple alignment	\$60.00
Clean radio (must be done with alignment)	contact for prices
Repair / Modify, special alignments, etc. per hour charge (1 hour minimum) + parts	\$60.00
All tubes replaced will be charged at market value	

Cabinet Painting

Some cabinet repainting is available. Please contact for more exact pricing and availability.

Typical charges:

19 X 10.5 inch "rack type" single color cabinets (i.e. Heath Apache) "correct" color \$90.00

Single color receiver cabinets (i.e. Hallicrafters SX-111) "correct" color \$60.00

Small receiver cabinets, single color (i.e. Hallicrafters S-107), "correct" color \$50.00

Two-tone receiver cabinets (i.e. Hallicrafters SX-100), "correct" color \$75.00

"Crackle" finish 19 X 10.5 inch "rack style" (medium to heavy crackle only), "correct" color \$100 and up.

All cabinets "stripped", primed, and painted using computer matched acrylic paint from Sherwin-Williams.

Terms and Conditions

All prices do not include packing and shipping. If shipped, the unit(s) is/are to be adequately packed and insured for full value of the equipment. Z Communications Company assumes no liability for items until they are received and inspected by our personnel. Shipping containers must be suitable for return of the equipment to the owner. If the container is damaged, or, does not meet the requirements by the carrier chosen to transport the unit to the owner, proper packing and shipping materials will be provided by Z Communications Company and charged to the owner.

The owner of the equipment will be advised as to the total cost of the work done by Z Communications Company by mail, telephone, or E-Mail. Payment to be received by Z Communications Company before the equipment is shipped unless COD is requested. If equipment shipped COD, only certified funds (i.e. cashier's cheque or postal money order) will be accepted. If COD shipment is refused for any reason, the owner shall be responsible for all shipping costs incurred for the initial shipment and for the return of the equipment. The owner shall have 10 days to make payment in full for all charges incurred (including shipping, repair, packing, etc.) and shall pay in certified funds. If the equipment is not claimed within 30 days, it shall be sold to recover all associated costs.

Personal or company cheques will be accepted for payment. However, the equipment will not be shipped until the cheque has cleared.

No absolute promises will be made on how long it will take to perform the required work on equipment sent to Z Communications Company for repair, etc. However, all reasonable efforts will be taken to return the equipment in the least amount of time.

Warranty

All work performed by Z Communications Company is warranted for 30 days after the equipment is received by the owner. Such warranty does not apply to physical damage, abuse, misuse, tampering, "acts of God", and similar situations. Nor does it apply to problems that have occurred since the original repair, alignment, or other task(s) performed by Z Communications Company. It does apply to "normal" usage of the equipment for purposes that it was designed (i.e. mobile operation of a "base" type of equipment is not "normal"). Z Communications is to be notified within the warranty period by telephone, E-Mail, or certified mail. Shipping charges both ways are to be borne by the owner. Z Communications will make all possible haste to repair and return the equipment once it has been received for warranty repair.

If the item does not meet the requirements for warranty repair (i.e. damaged or tampered with), then the owner shall have the option of having the unit returned or repaired at normal rates.

Reproduction Parts and Assemblies

"The Tweaky": This is a replacement cover for FT-243 type crystals that changes them into a "rubber crystal". By varying the "control" on the cover, the fundamental frequency of the crystal can be varied from a few hundred Hz up to 3 or 4 KHz depending on the individual crystal while still maintaining the frequency stability of the original device.

Each \$17.95 plus \$2.00 per ORDER postage and handling CONUS, \$4.00 per ORDER postage and handling Canada, Texas residents \$19.43 plus shipping and handling (includes sales tax).

FT-243 crystals with "The Tweaky" already installed \$31.95 post paid each CONUS, \$33.95 US post paid Canada, \$34.59 Texas residents. Check for available "basic" crystal frequencies.

Heathkit:

DX-35 / DX-40 Crystal Door Covers: These are painted with the correct Heath gray over a crackle finish.

Each \$12.50 post paid CONUS, \$15.00 US post paid Canada, \$13.53 post paid Texas residents.

DX-20 / HX-11 Crystal Hole Plugs: These are available in both "plain" and gray crackle finish. Most, but not all, of the originals were plain. However, both were used. The painted version looks better, but use of either is correct. These come with the "stud" for attaching the large gray knob per the originals. NO KNOB! Of course, if yours is missing, you don't usually know which type it came with originally!

Plain Each \$16.00 post paid CONUS, \$18.00 US post paid Canada, \$17.32 Texas residents.

Painted Each \$18.00 post paid CONUS, \$20.00 US post paid Canada, \$19.49 Texas residents.

DX-100, DX-100B, VF-1 VFO frequency calibration dials. These are much heavier than the original and have an aluminum center for mating with the vernier drive from the front panel.

Each \$39.95 post paid CONUS, \$42.95 US post paid Canada, \$43.8252 post paid Texas residents.

Green VFO fiducial (the green piece of plastic that has the "line" in it to read the frequency by). These are much heavier than the original and are made from clear plastic with a green overlay.

Each \$11.00 post paid CONUS, \$13.00 US post paid Canada, \$11.91 post paid Texas residents.

Special: Both the VFO dial and fiducial:

Both for \$45.00 post paid CONUS, \$49.00 US post paid Canada, \$48.71 post paid Texas residents.

E. F. Johnson

Crystal Hole Plugs (maroon or gray) for the Valiant, Ranger, etc. These are painted with the Johnson maroon paint and come with a "stud" for attaching a small Johnson knob. The originals had the knob permanently attached. There are NO KNOBS included with these.

Each \$18.00 post paid CONUS, \$20.00 US Canada, \$19.49 Texas residents.

Relay plugs (HC6/U type) to connect the external relays to most Johnson transmitters. These come with about 24 inches of wire attached.

Each \$13.00 post paid CONUS, \$15.00 US Canada, \$14.07 Texas residents.

White pointer knob inserts for most Johnson knobs (1/8 inch in diameter, 1/4 inch long).

\$2.00 each, 6 for \$10.00, plus \$1.00 shipping per ORDER CONUS, \$2.00 US per ORDER shipping Canada. Texas residents add 8.25% sales tax.

Collins:

Dial Overlays for 51J series. These are printed on an adhesive backed paper. You need to remove the backing and carefully apply to the dial drum. These are probably the same for the R-388 series.

"Original" with "old tyme" ham bands indicated in green.

Each \$8.00 post paid CONUS, \$9.00 US post paid Canada, \$8.66 post paid Texas residents.

"New type" with the present ham bands indicated in green (includes WARC bands).

Each \$10.00 post paid CONUS, \$12.00 US post paid Canada, \$10.83 post paid Texas residents.

Misc.:

Headphone cords: Brand new, black cloth covered wire containing two twisted-pairs of 22 gauge wire (4 wires total), five-foot lengths, perfect for headphone replacement. This is slightly stiffer than old used wires since it is new. Perfect for either mono or stereo headsets.

\$10.00 for the first one post paid CONUS, \$8.00 for each additional one. Canada add \$2.00 US per ORDER for shipping and handling. Texas residents add 8.25% sales tax.

Nostalgia: Reprints of my FM conversion manual entitled Converting Commercial FM Gear. This was originally written in 1968, published in 73 Magazine in 1969, and then printed as a separate book by 73 Publications in 1972. Really Dated material! But, a number of people have asked for reprints and thus I have had some made.

Each \$12.00 post paid CONUS, \$13.00 US post paid Canada, \$13.00 Texas residents.

"Chemical" Ground Rods: For r.f. grounding, not lightning protection! These are made from 3/4-inch "hard drawn" copper pipe, 5 feet long into which "rock salt" is inserted after they are driven into the ground. You start with two rods, placed 12 feet apart for best grounding. Additional rods can be placed 12 feet from the first ones for even better grounding.

For the first two rods (including connecting wire between them) \$70.00 U.S. plus actual shipping charges CONUS and Canada, Texas residents \$75.78.

Additional rods with additional connecting wire \$27.50 plus actual shipping charges, \$29.77 Texas residents. Additional rods sold only with basic ground rod kit or to those who have purchased grounding kits before.

If anyone needs small, reproduction assemblies for "boat anchor" equipment, please let me know. I may be able to fabricate them.

Please note that the costs involved in reproducing these items does not come primarily from the materials used, but from the amount of labor involved in making them. Due to the enormous cost of tooling, etc., all of these are "hand produced", some using commercially available parts for part of the assembly, some are "made from scratch" using basic "raw" materials.

Interconnect Cable Kits

Collins Radio "S" Line

"Basic" set of interconnect cables consisting of three RG58/U cables for PTO, heterodyne oscillator, and receiver antenna connections; three shielded audio cables for mute, sidetone, and anti-VOX. All cables are 48 inches long per the original and use shielded RCA phono plugs. PTO and heterodyne oscillator cables are available in "low capacity" RG62/U at no additional cost.

Each set \$64.95 postpaid CONUS, \$69.95 postpaid Canada, \$70.31 Texas residents

"S" Line to "console" interconnect cables (for interconnection to the 312B-4 console): Consists of one RG58/U cable with RCA phono plug on one end and Type "N" connector on the other for connection between transmitter output and the "wattmeter" input; and five shielded audio cables for TX to console PTT, TX to console phone patch, TX to console 6.3 VAC, RX to console audio, and RX to console anti-VOX. All cables are 48 inches long.

Each set \$84.95 postpaid CONUS, \$89.95 US postpaid Canada, \$91.96 Texas residents.

Special: Both sets (12 cables in all): \$139.95 postpaid CONUS, \$149.95 US postpaid Canada, \$151.50 Texas residents

Speaker cable for S-Line:

If a cable is needed to connect a speaker to the receiver, and if it is ordered along with one of the above cable kits, then add the following prices:

\$11.00 postpaid CONUS, \$13.00 postpaid Canada, \$11.91 postpaid Texas residents.

Collins Radio KWM-2

Console interconnect cables consisting of the cables to connect between the KWM-2 and either the 312B-4 or 312B-5 console. The only difference is that the 312B-4 set does not have the cable to connect the external PTO as in the 312B-5. Set consists of one RG58/U with RCA phono plug and Type "N" plug for connection to wattmeter; RG58/U with RCA phono plugs for PTO, and five shielded audio cables for anti-VOX, PTT, Phone Patch, speaker audio, and 6.3 VAC connections. All cables are 48 inches long.

312B-5 each set \$84.95 postpaid CONUS, \$89.95 US postpaid Canada, \$91.96 Texas residents

312B-4 each set: \$74.95 postpaid CONUS, \$79.95 US postpaid Canada, \$81.13 Texas residents

Collins Radio KWM-2 or S-Line To 30L-1

Both sets consist of cables necessary to connect the basic setup to the Collins 30L-1 linear amplifier. These consist of a 48 inch long RG8/U (or equivalent) with type "N" connectors on each end for connection to the linear output and the Collins wattmeter, a 48 inch long RG58A/U cable with shielded RCA connectors on each end for the r.f. connection between the unit and the 30L-1 (this is per revised Collins recommendations for 30L-1 amplifier), and 48 inch long shielded cables with shielded RCA connectors on each end for the antenna relay and ALC connections.

Each set \$74.95 postpaid CONUS, \$79.95 postpaid Canada, \$81.13 Texas residents

Collins Radio KWM-2 or S-Line To 30S-1

Both sets consist of cables necessary to connect the basic setup to the Collins 30S-1 linear amplifier. These consist of a 48 inch long RG8/U (or equivalent) with type "N" connectors on each end for connection to the linear output and the Collins wattmeter, a 20.5 foot long RG58A/U cable with shielded RCA connectors on each end for the r.f. connection between the unit and the 30S-1 (this is per Collins recommendations for 30S-1 amplifier), and 48 inch long shielded cables with shielded RCA connectors on each end for the antenna relay and ALC connections.

Each set \$79.95 postpaid CONUS, \$84.95 postpaid Canada, \$86.55 Texas residents

Drake "4" Line

For "C" Line:

Interconnect cable kit consists of two RG62/U cables for Injection and Carrier Oscillator, one RG58/AU cable for receiver antenna connection, and three shielded audio cables for mute, anti-VOX, and PTO lamp connections. All are 38 inches long per original and have shielded RCA connectors.

Each set \$59.95 postpaid CONUS, \$64.95 US postpaid Canada, \$64.90 Texas residents

For "B" Line:

Interconnect cable kit consists of one RG62/U cable for Injection, one RG58A/U cable for receiver antenna connection, two shielded audio cables for mute and anti-VOX. All are 38 inches long per original and have shielded RCA connectors.

Each set 44.95 postpaid CONUS, \$49.95 US postpaid Canada, \$48.66 Texas residents

Heath "SB-Line"

Interconnect for the SB-300 / SB-301 / SB-303 receivers to the SB-400 / SB-401 transmitters. Consist of three RG62/U cables 24 inches long (per original specifications) for the HFO, LMO, and BFO connections; one RG58/U 30 inches long for the receiver antenna connection; and 3 shielded audio cables 30 inches long for mute, anti-VOX, and speaker connections. All have shielded RCA phono plugs.

Each set \$64.95 postpaid CONUS, \$69.95 US postpaid Canada, \$70.31 Texas residents

Individual Cables

Individual cables are available. Varying lengths are for various manufacturer's equipment. Although the prices are the same for various lengths of cable, it must be realized that the cost of the wire is minimal in relation to the cost of the connectors and labor.

RCA Connectors (all prices postpaid):

48 inch shielded cable (i.e. Collins) \$15.00 CONUS, \$17.00 Canada, \$16.24 Texas residents.

38 inch shielded cable (i.e. Drake) \$15.00 CONUS, \$17.00 Canada, \$16.24 Texas residents.

30 inch shielded cable (i.e. Heath) \$15.00 CONUS, \$17.00 Canada, \$16.24 Texas residents.

20.5 foot RG58A/u (i.e. Collins) \$25.00 CONUS, \$29.00 Canada, \$27.06 Texas residents

Low capacity cables RCA Connectors (all prices postpaid):

38 inch RG62/U (i.e. Drake) \$15.00 CONUS, \$17.00 Canada, \$16.24 Texas residents.

24 inch RG62/U (i.e. Heath) \$15.00 CONUS, \$17.00 Canada, \$16.24 Texas residents.

Type "N" Connectors (all prices postpaid):

48 inch RG8/U (i.e. Collins) \$33.00 CONUS, \$37.00 Canada, \$35.72 Texas residents.

48 inch RG58A/U \$22.00 CONUS, \$26.00 Canada, \$23.82 Texas residents.

48 inch RG58A/U, type "N" one end, RCA other end: \$22.00 CONUS, \$26.00 Canada, \$23.82 Texas residents.

UHF (SO-239 / PL-259) Connectors (all prices postpaid):

48 inch RG58A/U \$22.00 CONUS, \$26.00 Canada, \$23.82 Texas residents

48 inch RG8/U \$22.00 CONUS, \$26.00 Canada, \$23.82 Texas residents.

For standard cables in longer lengths other than specified add \$0.50 for each foot of RG58/U or RG62/U and \$1.00 for each foot of RG8/U / RG213/U.

Other lengths available on special order.

Specialty Cable Assemblies

Special cable assemblies including phasing harnesses for stacking yagi antennas, coaxial 4:1 baluns for specific bands, and other items are available on special order. Contact Z Communications Company for a quote.

Headphone Cords

Brand new, black, cloth-covered wire containing two twisted-pairs of 22 gauge stranded wire (4 wires total), five foot lengths, perfect for headphone replacement (wire can easily be soldered to). The wire is slightly "stiffer" than usual since it is brand new. Perfect for both mono and stereo headphones.

Per five foot length: \$10 for first and \$8.00 for each additional cord post paid CONUS. Canada add \$3.00 per order postage. Texas add 8.25% sales tax.