Subject: Clinton Radio Schematics
Posted by Spencer CS on Sat, 10 Sep 2005 14:24:32 GMT
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I have two Clinton radios, models 194 and 153, that I need schematicson. I have had no luck finding anything on these models, and havefound very little about the Clinton Mfg. Co. Can anyone help? CS.

Subject: Re: Clinton Radio Schematics
Posted by Wayne Parham on Sun, 11 Sep 2005 03:00:04 GMT
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Describe the radio and list the tubes it uses. Perhaps it has an OEM chassis, and a schematic can be found for it.

Subject: Re: Clinton Radio Schematics
Posted by Spencer CS on Sun, 11 Sep 2005 13:55:26 GMT
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Hi Wayne. Both are wood,tabletop and same tube lineup:6d6,6c6,43,25z5. The 153 is bw/sw with a k55c ballast.the 194 is bw only with a k55b ballast. My problem iswith the electrolytics. Both have unmarked rectangularpaper multi-caps. The 153 has 7 wires;3 black, 4 brown.The 194 multi-cap has been changed at some point as it has6 leads with only 5 connected and the leads have been taped at mid-wire connections. I am new to old radiosand don't want to try to guess at these values. The 194is listed in Steins Tabletop Vol.1, p-48. Thanks for yourresponse. Spencer CS

Subject: Re: Clinton Radio Schematics
Posted by Wayne Parham on Mon, 12 Sep 2005 02:51:49 GMT
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Power supply electrolytics can be made arbitrarily large. Most are only 20uF-50uF but pretty high voltage, usually 250v or 450v. You can swap them with polypropylene or electrolytic capacitors, the bigger the better.

Subject: Re: Clinton Radio Schematics
Posted by Spencer CS on Mon, 12 Sep 2005 11:51:25 GMT
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Thanks a bunch Wayne. You mentioned OEM mfg's which I hadn't thoughtof. I went through a number of Riders and found maybe 50 differentschem's using that lineup. I didn't find an exact match but severalwere close enough to give me an idea of values. I have tried to measure other multicaps after removing them but most were nowherenear the stated values. I'm learning. Thanks. Spencer CS