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Author

Topic: Sencore LC77 Schematic or service manual needed. (Read 1752 times)

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AB9GO

Contributor
Posts: 10
Country: 
Amateur Radio Operator since 1984


Sencore LC77 Schematic or service manual needed.

« on: September 26, 2017, 05:02:37 pm »

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Hello all,

Looking for a Sencore LC77 Schematic or service manual. I have found the users or owners manual for the LC77 but not the service manual. Anyone have a lead on one? Just picked one up and would like to get it going again. Takes up much less room that my Sprague TO-6A plus it is battery operated so I can take it to hamfests or radio swaps and check out the caps or transformers I am buying without the trouble of finding an outlet. A real pain when the swap in in a parking lot or field.


Thanks,
Randy AB9GO

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Quarlo Klobrigney

Frequent Contributor





Posts: 681
Country: 

Re: Sencore LC77 Schematic or service manual needed.

« Reply #1 on: November 28, 2017, 10:26:43 am »

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Yeah what that guy just said...Me too. Can't find it anywhere. I need it to repair the LC101. It too is unobtainium.  Anybody?

Report to moderator  Logged

Voltage does not flow, nor does it go.

Behind every alfoil hat is a genius



krypton2035

Super Contributor



Posts: 1941

Country:



Re: Sencore LC77 Schematic or service manual needed.

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« Reply #2 on: November 28, 2017, 10:41:04 am »

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the ESR Repository @ <http://krypton2035.free.fr/esr-repository.html>
the LCR Meter Repository @ <http://krypton2035.free.fr/lcr-repository.html>

coromonadalix

Super Contributor



Posts: 2816

Country:



Re: Sencore LC77 Schematic or service manual needed.

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« Reply #3 on: November 28, 2017, 12:04:52 pm »

search for the LC102 supposed to be identical or almost identical unobtanuim too

there a few mention of it here on eevblog

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ruairi

Frequent Contributor



Posts: 298

Country:



Re: Sencore LC77 Schematic or service manual needed.

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« Reply #4 on: November 30, 2017, 02:04:30 am »

Hi guys,

I have an LC77 with original schematics that I am literally boxing up tonight to sell. I don't have time to scan properly and I don't have photoshop anymore to tidy up the scans so I've laid the schematics out and taken quick iPhone photos of every page.

Can someone else rotate and crop these into something useful for everyone?

This is not a permanent link so grab them and feel free to tidy up and reupload to some place useful.

<https://spaces.hightail.com/receive/a2MeZDC4AG>

« Last Edit: November 30, 2017, 03:32:36 am by ruairi »

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The following users thanked this post: krypton2035

Johnny10

Frequent Contributor



Posts: 714

Country:



Re: Sencore LC77 Schematic or service manual needed.

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« Reply #5 on: November 30, 2017, 02:32:41 am »

LC 102 Manual is located here: https://elektrotanya.com/sencore_lc102_auto-z_capacitor-inductor_analyzer.pdf/download.html

Has schematics, parts list, Board reference pics.

Schematics are a bit chopped but I printed them out and taped together.

Report to moderator

Tektronix TDS7104, DMM4050, HP 3561A, HP 35665, Tek 2465A, HP8903B, DSA602A, Tek 7854, 7834, HP3457A, Tek 575, 576, 577 Curve Tracers, Datron 4000, Datron 4000A, uTracer, HP5335A, EIP534B 20GHz Frequency Counter, TrueTime Rubidium, Sencore LC102, Tek TG506, TG501, SG503, HP 8568B

Johnny10

Frequent Contributor



Posts: 714

Country:

Re: Sencore LC77 Schematic or service manual needed.

Say Thanks Reply Quote

« Reply #6 on: November 30, 2017, 02:54:25 am »

I don't know the problem with your unit but I have fixed a few Sencore LC102 units.

Connector issues were in both units.

They used a sharp v-slotted wire type connector which cut too deep into the wires inserted and after a



few removals the wire would break.
Very difficult to diagnose unless you were looking specifically for the problem.

Report to moderator Logged

Tektronix TDS7104, DMM4050, HP 3561A, HP 35665, Tek 2465A, HP8903B, DSA602A, Tek 7854, 7834, HP3457A, Tek 575, 576, 577 Curve Tracers, Datron 4000, Datron 4000A, uTracer, HP5335A, EIP534B 20GHz Frequency Counter, TrueTime Rubidium, Sencore LC102, Tek TG506, TG501, SG503, HP 8568B

Quarlo Klobrigney

Frequent Contributor



Posts: 681
Country:

Behind every alfoil hat is a genius



Re: Sencore LC77 Schematic or service manual needed.

Say Thanks Reply Quote

« Reply #7 on: December 05, 2017, 09:01:11 pm »

Thanks for the links, I did check Elektrotanya and did not see the 101 or 102. My issue is it is way out of spec compared to my LC75. Maybe a pot twiddle or a defective component. We'll see.

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