

Re: JVC I'Art TV : Model AV-32F702 : Opinions on fixing or replacing welcomed.

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Kazushi wrote:

Hello:

I'm an RF Engineering Technologist (specializing in antenna designs) and I'm not experienced in consumer electronics repair, specifically with respect to televisions.

I have a JVC I'Art Standard Flat CRT TV Model AV-32F702 that was manufactured in September 2001 (Serial 14633437) and this is case:

1. I turn on the TV and within the normal 1-to-2 seconds, the picture appears, but everything has a faint green haze. All settings for color and tint are normal.
2. The faint green haze is persistent, and after 10 minutes of continuous operation, I begin to see 12/13/14 faint green lines, tracing diagonally across the screen, and these lines are more visible during dark scenes.
3. After another 30-to-40 minutes of continuous operation, the green lines that were faint become brighter and are clearly visible during all scenes.
4. Within moments of seeing brighter green trace lines, the picture changes from the green haze with bright green lines to a dark blue-purple fog with spectacular neon-bright wide green diagonal trace and horizontal retrace patterns flashing randomly in the blue-purple fog.
5. At this point, the real picture appears for milliseconds at a time, audio is normal, and the blue-purple fog and neon green flashing continues unabated.
6. Turning the set off, waiting for 30-60 seconds, and turning the set back on no longer resolves the problem (it used to, although temporarily, but, now 30-40 minutes of operation is the absolute limit).
7. This issue has been progressive and has reached such a persistent level that I'm thinking that replacement may be better than repair.
8. The case was tolerable for awhile because it was only a very subtle problem, but, over the past two weeks, the pace of the progression has

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accelerated and now the situation clearly requires a decision.

I would welcome some thoughts from the subject matter experts in this group.

One of my co-workers believes that the set is suffering from a grid-cathode short circuit that changes from an intermittent short to a harder short circuit once the TV has warmed up a little.

Is there a serious problem with the green gun?

Cheers,
Stephen

You might be able to find the help you need at www.repairfaq.org if you chose to try and fix it.

A proper diagnosis will require some careful measurements a the crt socket while the set is running in the fault condition. While the picture tube could be suspect, all other causes should be checked first.

Otherwise, post your location and someone might be willing to keep it out of the landfill for you. If no takers here, call and see if a small local shop would be willing to haul it away at no charge for you.

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