

Service Bulletin

Product	Laser Disk Player
Number	B10-92-6
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Matsushita Services Company
Technical Services Division
50 Meadowland Parkway, Secaucus, NJ 07094
Division of Matsushita Electric Corporation of America

Models

Panasonic LX-1000U, LX-200U

Copy and file this bulletin with the respective Service Manual

Subject: Video Cross-Talk Problem.

Symptom: Due to the critical nature of laser disc stamping (production), a unit may exhibit specific types of beat interference. This interference may be viewed while playing a CLV type laser disc, and is exhibited as follows:

1. Varying degree of herringbone beats across the screen, either partially or throughout.
2. Vertical stripe of noise band moving across the screen from side to side rapidly.
3. In rare cases, horizontal noise stripe moving ever-so-slowly downward across the screen.

Any one of the above or combination may be seen. It will generally show up more when playing outer tracks versus inner tracks.

Cause: For various reasons, the Optical Pick-up Unit (OPU) is picking up undesired video signal from the adjacent track along with the desired signal from proper track, resulting in interference between them.

Remedy: Take the following steps (assuming that tracking and focus servos are adjusted per specs.)

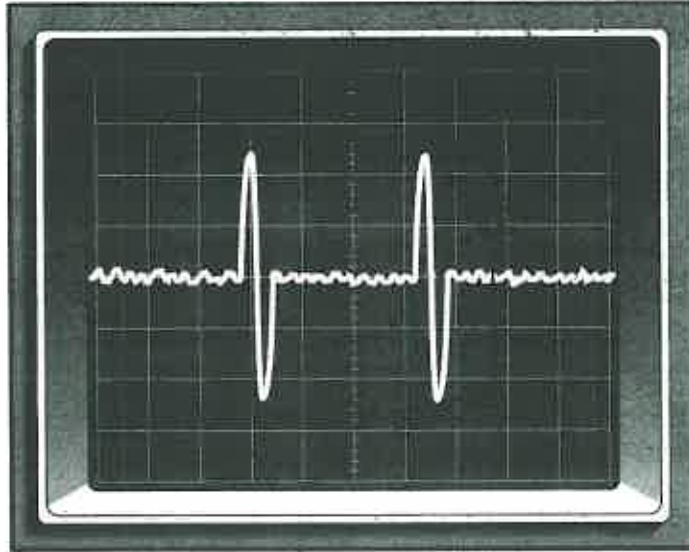
1. Perform adjustment item 1-4 and 1-5 of Service Manual of Tilt Balance VR22301 and VR22302.

2. For fine adjustment of both pots, do the following:

- (2-1) Hook up scope probe to TP22003.

- (2-2) Play back FRAME #1510 of CAV side of Test Disc VFK0652 (MTD-01 version) in STILL mode.

(over)



(2-3) Adjust VR22301 to maximize spike of Tracking Error signal(T.E.).

(2-4) Flip the disc side physically and play back on Side B FRAME #9005 (white pattern) in STILL mode.

(2-5) Adjust VR22302 to maximize spike of T.E. signal.

3. If Cross-talk beat still persists, replace the OPU (New Part #SOAD90A) and perform all Servo adjustments (Focus and Tracking servos).
If necessary, perform steps (2-1) through (2-5) as above.

Caution! When OPU is replaced, do not forget to reinstall spacer #144. Refer to Supplement Service Manual VRD9101S005.

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