

Radiance Tech Tip 10

Video input field flip

Introduction

Some video sources do not follow the conventions for the order of the video fields. This appears as excessive combing on the display or jaggies. We have had reports of this issue occurring on some high-end DVD players and video servers.

If you see excessive combing or jaggies on diagonal edges (See Figure 1), try changing the Field Flip setting and see if the edges of the objects are smoother (See Figure 2). If changing the Field Flip setting doesn't fix the issue, return Field Flip to its default setting of "Off".



Figure 1, Jaggies caused by reversed input fields.



Figure 2, Jaggies fixed by reversing input fields.

The procedure

Use the following procedure to reverse the order of the video input fields.

1. To reverse the order of the input video fields press "Menu, Input, Video Setup, [resolution], Control, Deint, Field, Field flip (On, Off), Ok".
2. When you are finished, save your new settings by pressing "Menu, Save, Save, Ok, Ok".

Conclusion

While generally not required, "Field flip" allows you to reverse the order of the video fields on the input for sources that don't follow the conventions for the order of the video fields. The "Field flip" command allows the order of the video input fields to be reversed so that the image can be properly deinterlaced.