Subject: Floor-standing speakers
Posted by drake on Tue, 03 Oct 2017 15:08:29 GMT
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A colleague at work told me that he decided to mount his speakers somewhere near the ceiling. I suspect that he's lost the powerful surround effect that's normally associated with floor-standing speakers. Is there a chance that this has happened?

Subject: Re: Floor-standing speakers
Posted by Wayne Parham on Tue, 03 Oct 2017 19:22:18 GMT
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Surrounds can be mounted up high, but I wouldn't install mains there. I'd prefer the mains to be around the same height as the screen.

Acoustically, boundary loading is a potential issue but the ceiling is a boundary just like the floor is. So boundary conditions would be similar when close to the ceiling as they are when close to the floor.

The issue to me is more one of maintaining the illusion of reality. We don't expect things to look like they're in front of us but sound like they're above us. That makes the sight and sound not match. Again, this isn't so much the case with surrounds as it is with mains. Surrounds are usually placed above the listeners and the soundtrack associated is designed for this position.

Subject: Re: Floor-standing speakers
Posted by sawyer25 on Wed, 04 Oct 2017 09:47:40 GMT
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Wayne Parham wrote on Tue, 03 October 2017 14:22
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We've had this argument over and over with a friend of mine who insists on having the speakers on the same level as the mains. I prefer to have my speakers slightly above the ground, but at a realistic height. They are less likely to encounter any faults. The mains are always near the screen.