Subject: Sound Through Space
Posted by Kingfish on Tue, 05 Apr 2022 03:22:29 GMT
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If sound cannot travel through outer space because there is no air, how can astronauts send audio messages back to earth? Houston we have a problem

That's something that's been bugging me for a while now.

Subject: Re: Sound Through Space
Posted by Wayne Parham on Tue, 05 Apr 2022 13:12:24 GMT
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Radio

Subject: Re: Sound Through Space
Posted by Nouri on Tue, 05 Apr 2022 13:41:13 GMT
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The best I can figure is that electromagnetic waves can travel through a vacuum. It isn't sound, so the lack of air doesn't interfere with its function.

How is above my pay grade.

Subject: Re: Sound Through Space
Posted by Miami on Wed, 06 Apr 2022 04:25:35 GMT
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I have enough issues with gauge sizes, and you want to me figure out the scientific reasoning in sound waves in space? :lol:

Above my pay grade, bro.

Interesting to think about though.

Subject: Re: Sound Through Space
Posted by Phonetic Ear on Mon, 25 Apr 2022 04:46:18 GMT
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Although you won't hear all the sounds in space, it becomes possible with the help of some matter

and a converter. Radios will always be a necessary tool because most sounds won't be detectable in space.

Subject: Re: Sound Through Space
Posted by Rusty on Thu, 05 May 2022 21:08:43 GMT
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This is interesting. There are some areas of the cosmos that have copious amount of gas. And I thought it was only me. Galaxy clusters being those areas. A new way of interpreting these space sounds use a technique called Sonification. But, don't think if you were parked around one of those galaxy clusters you'd hear this sound. As, the technique takes these sounds that are hundreds of quadrillion times lower than the human range of hearing to create the sound. That's mighty low and quite a few zero's. One hell of a subwoofer.

https://www.nasa.gov/mission_pages/chandra/news/new-nasa-black-hole-sonifications-with-a-remix.html

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