

Full Version

This version includes the floor plus 13 bass shakers for a complete immersive experience.

| Description | Qty | Unit Price | Total w/ Tax & Shipping | Ref # | Source | Notes |
|--|-----|------------|-------------------------|-------|---------------|--|
| 3/4" Plywood sheets 8'x4' | 13 | 35.00 | 492.54 | n/a | Home Depot | Floor. Must be strong enough for people to stand on. https://www.homedepot.com/p/23-32-in-x-4-ft-x-8-ft-RTD-Sheathing-Syp-129323/303564747#see-more-details |
| Paint (5 colors, 2 coats, 1 quart of each) | 5 | 25.98 | 140.62 | n/a | Home Depot | Panels. https://www.homedepot.com/p/BEHR-ULTRA-1-qt-S120-7-Fine-Wine-Satin-Enamel-Exterior-Paint-Primer-985304/311067944#MERCH=REC_-fbt_test_-204851635_-1_-n/a_-n/a_-n/a_-n/a_-n/a#see-more-details |
| 2x4, 8' lumber | 39 | 3.25 | 137.21 | n/a | Home Depot | Framing. https://www.homedepot.com/p/2-in-x-4-in-x-96-in-2-Premium-Grade-KD-HT-Stud-058449/312528776 |
| Joist hangers - inner | 104 | 2.54 | 285.95 | n/a | Home Depot | Framing. https://www.homedepot.com/p/Simpson-Strong-Tie-PF-18-Gauge-Galvanized-Post-Frame-Hanger-for-2x4-Nominal-Lumber-PF24/100374975 |
| Joist hangers - corners | 60 | 2.98 | 193.55 | n/a | Home Depot | Framing. https://www.homedepot.com/p/Simpson-Strong-Tie-TJC-3-1-8-in-x-7-in-Galvanized-Jack-Truss-Connector-TJC37/204842440#see-more-details |
| 1.25" Nails, box of ~90 | 13 | 2.87 | 40.39 | n/a | Home Depot | Framing. https://www.homedepot.com/p/Everbilt-16-x-1-1-4-in-Zinc-Plated-Wire-Nail-1-75-oz-Pack-801224/204274051 |
| Bass shakers | 13 | 79.98 | 1125.52 | A | Parts Express | Audio. https://www.parts-express.com/Aurasound-AST-2B-4-Pro-Bass-Shaker-299-028?quantity=1 |
| Bass shaker amps | 4 | 319.98 | 1385.51 | B | Parts Express | Audio. https://www.parts-express.com/Dayton-Audio-BSA-200-200W-Bass-Shaker-Bridgeable-Stereo-Amplifier-with-Remote-300-785?quantity=1 |
| Female XLR panel mount to male XLR, pair | 1 | 19.99 | 21.64 | C | Amazon | Audio (amp cabinet input to unbalanced converter). https://www.amazon.com/Zhupoub-2-Pack-Connector-Premium-Through/dp/B01F6Z6W5M |
| Balanced to unbalanced converter | 1 | 89.99 | 97.41 | D | Amazon | Stage audio signal to amp. https://www.amazon.com/ART-CLEANBox-Pro2-2-channel-Unbalanced-Converter/dp/B003S7T49K |
| Alesis Nanocompressor (used) | 1 | 51.00 | 74.48 | E | Reverb | Audio (limit incoming signal). https://reverb.com/item/93828385-alesis-nanocompressor-2000s-black |
| Nanocompressor power supply | 1 | 14.99 | 16.23 | n/a | Amazon | https://www.amazon.com/Adapter-Charger-Digital-Processor-Switching/dp/B01R4A9GK |
| Male 1/4" to male RCA, 3' stereo pair | 2 | 9.75 | 21.11 | F | Amazon | Audio (converter to limiter; limiter to amp). https://www.amazon.com/2X6-35mm-Interconnect-Receiver-Speakers-Amplifiers/dp/B07G4Y4NYP |
| XLR cables (M to F) - 15', 4 pack | 2 | 27.83 | 60.25 | G | Amazon | Audio (amps to panels). https://www.amazon.com/EBXYA-XLR-Cable-15ft-Packs/dp/B0BV4RXJYY |
| XLR cables (M to F) - 6', 4 pack | 2 | 22.99 | 49.77 | H | Amazon | Audio (panel to panel + 1 for center panel shaker (to be modified)). https://www.amazon.com/EBXYA-XLR-Cable-15ft-Packs/dp/B082SD072G |
| RCA cables (M to M) - 1' stereo pair | 3 | 11.99 | 38.94 | I | Amazon | Audio (amp internconnect). https://www.amazon.com/dp/B09TN58ZKM |
| Speaker wire, 14 gauge, 100 feet | 1 | 16.10 | 17.43 | J | Amazon | Audio (XLR panel to shaker; amp to XLR panel). https://www.amazon.com/Speaker-GearIT-Meters-Theater-Speakers/dp/B00HZWYP1G |
| Panel mount XLR jack - male, pack of 6 | 4 | 8.89 | 38.49 | K | Amazon | Audio (8 for amp box interconnect, 13 for panels). https://www.amazon.com/b?node=1389520011&ref_=nav_em_B09DW96SZT |
| Panel mount XLR jack - female, pack of 8 | 2 | 12.99 | 28.12 | L | Amazon | Audio (panel interconnect, 13). https://www.amazon.com/GDQLCNXB-Speaker-Microphone-Connector-Housing/dp/B0B294CTRL |
| Small electronics enclosure | 13 | 0.00 | 0.00 | n/a | Self made | Audio (enclose XLR jacks on each panel), 13 needed. 3D print these. |
| Bolts - 1/4-20 x 1", box of 100 | 1 | 16.80 | 18.19 | n/a | Home Depot | Audio (bass shaker mounting + center panel attachment; 64 needed). https://www.homedepot.com/p/Everbilt-1-4-in-20-x-1-in-Zinc-Plated-Hex-Bolt-100-Pack-800590/204273584 |
| Washers - 1/4, box of 100 | 2 | 15.75 | 34.10 | n/a | Home Depot | Audio (bass shaker mounting, 128 needed). https://www.homedepot.com/p/Everbilt-1-4-in-Zinc-Flat-Washer-100-Pack-807210/204284538#MERCH=REC_-fbt_test_-204273584_-3_-n/a_-n/a_-n/a_-n/a_-n/a#see-more-details |
| Nuts - 1/4-20, box of 100 | 1 | 5.97 | 6.46 | n/a | Home Depot | Audio (bass shaker mounting, 64 needed). https://www.homedepot.com/p/Everbilt-1-4-in-20-tpi-Zinc-Hex-Nut-100-Pack-801730/2042740897#MERCH=REC_-fbt_test_-204273584_-1_-n/a_-n/a_-n/a_-n/a_-n/a#see-more-details |
| Project Total | | | 4323.91 | | | |
| 70% of total | | | 3026.74 | | | |

Reduced Cost Version

This version uses only 6 bass shakers instead of 13. It won't feel as good, but should still be pretty cool.

| Description | Qty | Unit Price | Total w/ Tax & Shipping | Ref # | Source | Notes |
|--|-----|----------------|-------------------------|-------|---------------|---|
| 3/4" Plywood sheets 8'x4' | 13 | 35.00 | 492.54 | n/a | Home Depot | Floor. Must be strong enough for people to stand on. https://www.homedepot.com/p/23-32-in-x-4-ft-x-8-ft-RTD-Sheathing-Syp-129323/303564747#see-more-details |
| Paint (5 colors, 2 coats, 1 quart of each) | 5 | 25.98 | 140.62 | n/a | Home Depot | Panels. https://www.homedepot.com/p/BEHR-ULTRA-1-qt-S120-7-Fine-Wine-Satin-Enamel-Exterior-Paint-Primer-985304/311067944#MERCH=REC_-fbt_test_-204851635_-1_-n/a_-n/a_-n/a_-n/a_-n/a_-n/a#see-more-details |
| 2x4, 8' lumber | 39 | 3.25 | 137.21 | n/a | Home Depot | Framing. https://www.homedepot.com/p/2-in-x-4-in-x-96-in-2-Premium-Grade-KD-HT-Stud-058449/312528776 |
| Joist hangers - inner | 104 | 2.54 | 285.95 | n/a | Home Depot | Framing. https://www.homedepot.com/p/Simpson-Strong-Tie-PF-18-Gauge-Galvanized-Post-Frame-Hanger-for-2x4-Nominal-Lumber-PF24/100374975 |
| Joist hangers - corners | 60 | 2.98 | 193.55 | n/a | Home Depot | Framing. https://www.homedepot.com/p/Simpson-Strong-Tie-TJC-3-1-8-in-x-7-in-Galvanized-Jack-Truss-Connector-TJC37/204842440#see-more-details |
| 1.25" Nails, box of ~90 | 13 | 2.87 | 40.39 | n/a | Home Depot | Framing. https://www.homedepot.com/p/Everbilt-16-x-1-1-4-in-Zinc-Plated-Wire-Nail-1-75-oz-Pack-801224/204274051 |
| Bass shakers | 6 | 79.98 | 519.47 | A | Parts Express | Audio. https://www.parts-express.com/Aurasound-AST-2B-4-Pro-Bass-Shaker-299-028?quantity=1 |
| Bass shaker amps | 2 | 319.98 | 692.76 | B | Parts Express | Audio. https://www.parts-express.com/Dayton-Audio-BSA-200-200W-Bass-Shaker-Bridgeable-Stereo-Amplifier-with-Remote-300-785?quantity=1 |
| Female XLR panel mount to male XLR, pair | 1 | 19.99 | 21.64 | C | Amazon | Audio (amp cabinet input to unbalanced converter). https://www.amazon.com/2Hupub-2-Pack-Connector-Premium-Through/dp/B0F66Z6WSM |
| Balanced to unbalanced converter | 1 | 89.99 | 97.41 | D | Amazon | Stage audio signal to amp. https://www.amazon.com/ART-CLEANBoxPro-2-channel-Unbalanced-Converter/dp/B003S7T49K |
| Alesis Nanocompressor (used) | 1 | 51.00 | 74.48 | E | Reverb | Audio (limit incoming signal). https://reverb.com/item/93828385-alesis-nanocompressor-2000s-black |
| Male 1/4" to male RCA, 3' stereo pair | 2 | 9.75 | 21.11 | F | Amazon | Audio (converter to limiter; limiter to amp). https://www.amazon.com/2X6-35mm-Interconnect-Receiver-Speakers-Amplifiers/dp/B07G4Y4NYP |
| XLR cables (M to F) - 15', 4 pack | 2 | 27.83 | 60.25 | G | Amazon | Audio (amps to panels). https://www.amazon.com/EBXYA-XLR-Cable-15ft-Packs/dp/B0BVXR4XYY |
| XLR cables (M to F) - 6' 4 pack | 0 | 22.99 | 0.00 | H | Amazon | Audio (panel to panel + 1 for center panel shaker (to be modified)). https://www.amazon.com/EBXYA-XLR-Cable-15ft-Packs/dp/B082SQD72G |
| RCA cables (M to M) - 1' stereo pair | 1 | 11.99 | 12.98 | I | Amazon | Audio (amp interconnect). https://www.amazon.com/dp/B09TN582KM |
| Speaker wire, 14 gauge, 100 feet | 1 | 16.10 | 17.43 | J | Amazon | Audio (XLR panel to shaker; amp to XLR panel). https://www.amazon.com/Speaker-GearIT-Meters-Theater-Speakers/dp/B00HZWYP1G |
| Panel mount XLR Jack - male, pack of 6 | 4 | 8.89 | 38.49 | K | Amazon | Audio (8 for amp box interconnect, 13 for panels). https://www.amazon.com/bnafes-XLR-Male-Jack-Pin/dp/B09DW96S2T |
| Panel mount XLR Jack - female, pack of 8 | 2 | 12.99 | 28.12 | L | Amazon | Audio (panel interconnect, 13). https://www.amazon.com/GDQLCNXB-Speaker-Microphone-Connector-Housing/dp/B0B294CTRL |
| Small electronics enclosure | 13 | 0.00 | 0.00 | n/a | Self made | Audio (enclose XLR jacks on each panel), 13 needed, 3D print these. |
| Bolts - 1/4-20 x 1", box of 100 | 1 | 16.80 | 18.19 | n/a | Home Depot | Audio (bass shaker mounting + center panel attachment; 64 needed). https://www.homedepot.com/p/Everbilt-1-4-in-20-x-1-in-Zinc-Plated-Hex-Bolt-100-Pack-800590/204273584 |
| Washers - 1/4, box of 100 | 2 | 15.75 | 34.10 | n/a | Home Depot | Audio (bass shaker mounting, 128 needed). https://www.homedepot.com/p/Everbilt-1-4-in-Zinc-Flat-Washer-100-Pack-807210/204284538#MERCH=REC_-fbt_test_-204273584_-3_-n/a_-n/a_-n/a_-n/a_-n/a#see-more-details |
| Nuts - 1/4-20, box of 100 | 1 | 5.97 | 6.46 | n/a | Home Depot | Audio (bass shaker mounting, 64 needed). https://www.homedepot.com/p/Everbilt-1-4-in-20-tpi-Zinc-Hex-Nut-100-Pack-801730/204274089#MERCH=REC_-fbt_test_-204273584_-1_-n/a_-n/a_-n/a_-n/a_-n/a#see-more-details |
| Project Total | | 2933.15 | | | | |
| 70% of total | | 2053.20 | | | | |

Extra Reduced Cost Version

This version just builds the floor. Bass shakers would be added at a later date.

| Description | Qty | Unit Price | Total w/ Tax & Shipping | Ref # | Source | Notes |
|--|-----|------------|-------------------------|-------|------------|---|
| 3/4" Plywood sheets 8'x4' | 13 | 35.00 | 492.54 | n/a | Home Depot | Floor. Must be strong enough for people to stand on. https://www.homedepot.com/p/23-32-in-x-4-ft-x-8-ft-RTD-Sheathing-Syp-129323/303564747#see-more-details |
| Paint (5 colors, 2 coats, 1 quart of each) | 5 | 25.98 | 140.62 | n/a | Home Depot | Panels. https://www.homedepot.com/p/BEHR-ULTRA-1-qt-S120-7-Fine-Wine-Satin-Enamel-Exterior-Paint-Primer-985304/311067944#MERCH=REC_-fbt_test_-204851635_-1_-n/a_-n/a_-n/a_-n/a_-n/a#see-more-details |
| 2x4, 8' lumber | 39 | 3.25 | 137.21 | n/a | Home Depot | Framing. https://www.homedepot.com/p/2-in-x-4-in-x-96-in-m-2-Premium-Grade-KD-HT-Stud-058449/312528776 |
| Joist hangers - inner | 104 | 2.54 | 285.95 | n/a | Home Depot | Framing. https://www.homedepot.com/p/Simpson-Strong-Tie-PF-18-Gauge-Galvanized-Post-Frame-Hanger-for-2x4-Nominal-Lumber-PF24/100374975 |

