

REFERENCE MONITORS

| MANUFACTURER | PRODUCT | ENCLOSURE TYPE | POWERED/UNPOWERED | FREQUENCY RESPONSE | SENSITIVITY | CROSSOVER FREQUENCY | WOOFER SIZE AND TYPE | MIDRANGE SIZE AND TYPE | TWEETER SIZE AND TYPE | MAGNETIC SHIELDING | CABINET DIMENSIONS (HXWxD) | WEIGHT (LBS.) | NOTES | PRICE (PER PAIR) |
|--------------------|------------------------------------|-------------------------------|---------------------------------------|--------------------------------|------------------------|--|-------------------------------|-------------------------------|---|--------------------|---|----------------------------|--|------------------|
| ADAM | P11-A | Ported | Powered | 48 Hz-35 kHz | 10 dB | 2 kHz | 7" | N/A | 1.3" folded ribbon | Yes | 11.03x12.99x8.27 | 22 | | \$1,895 |
| ADAM | P22-A | Ported | Powered | 35 Hz-35 kHz | 10 dB | 1.8 kHz | 9" with Nomex cone | N/A | 3.74" folded ribbon | Yes | 17x13.39x10.25 | 28.7 | | \$2,495 |
| Alesis | M1 Active Mk2 | Ported | Powered | 45 Hz-22 kHz | N/A | 2 kHz | 6.5" non-woven carbon fiber | N/A | 1" silk dome | Yes | 8.5x15x9.25 | 21 | Bi-amplified; shielded; new HF/LF transducers | \$649 |
| Alesis | Monitor One Mk2 | Superport vented | Unpowered | 45 Hz-18 kHz | 88 dB | 2.5 kHz | 6.5" polypropylene cone | N/A | 1" silk dome | Yes | 15x8.5x10 | 15 | 5-way binding posts | \$299 |
| Ambiance Acoustics | California Cube Loudspeaker System | Vented | Passive enclosure; outboard processor | 45 Hz-16.5 kHz (-5 dB) | 90 dB | N/A | N/A | (4) 4.5" full-range drivers | N/A | No | 13.6x13.6x13.6 | Enclosure: 27 equalizer: 3 | System includes two speakers and one processor | \$1,295 |
| Ambiance Acoustics | Hyper Cube Loudspeaker System | Vented | Passive enclosure; outboard processor | 45 Hz-16.5 kHz (-5 dB) | 92 dB | N/A | N/A | (16) 4.5" full range drivers | N/A | No | 13.6x13.6x13.6 | Enclosure: 40 equalizer: 3 | System includes two speakers and one processor | \$1,995 |
| Ambiance Acoustics | Super Cube Loudspeaker System | Vented | Passive enclosure; outboard processor | 45 Hz-16.5 kHz (-5 dB) | 91 dB | N/A | N/A | (9) 4.5" full range drivers | N/A | No | 13.6x13.6x13.6 | Enclosure: 32 equalizer: 3 | System includes two speakers and one processor | \$1,595 |
| A.R.T. | ART SLM-1 Studio Linear Monitor | Ported tuned 2" cylindrical | Unpowered | 40 Hz-20 kHz (±3 dB) | 90 dB @ 1W/1m | 2.5 kHz | 6.5" foam surround | N/A | 1" soft (silk) dome | Yes | 16x10x9 | 18 | | \$299 |
| ATC | SCM10 Pro | Sealed | Unpowered | 65 Hz-20 kHz (-6 dB) | 80 dB | 2.8 kHz | 5" | N/A | 1" soft dome | Optional | 15x7.1x10 | 22 | | \$1,900 |
| ATC | SCM20 Pro | Sealed | Unpowered | 60 Hz-20 kHz (-6 dB) | 86 dB | 2.8 kHz | 6.5" superlinear | N/A | 1" soft dome | Optional | 17.3x9.8x12.4 | 50.6 | | \$3,600 |
| ATC | SCM20A Pro | Sealed 20 liter cast aluminum | Powered | N/A | N/A | 2.8 kHz | 6.5" superlinear | N/A | 1" soft dome | Optional | 17.6x10.6x12.2 | 66 | | \$5,400 |
| ATC | SCM50A Pro | Ported reflex | Powered | 38 Hz-20 kHz (-6 dB) | N/A | 380 Hz, 3.5 kHz | 9" superlinear | 3" soft dome | 1" soft dome | Optional | 28.2x13.8x18.8 | 107.8 | | \$9,999 |
| ATC | SCM100A Pro | Sealed | Powered | 32 Hz-20 kHz (-6 dB) | -115 dB | 380 Hz, 3.5 kHz | 12" superlinear | 3" soft dome | 1" soft dome | Optional | 32.8x15.7x22.29 | 143 | | \$12,999 |
| Audix | N-5 | Bass reflex | Unpowered | 40 Hz-20 kHz | 87 dB | 2.2 kHz | 7" Kevlar | N/A | 1" cloth dome | No | 15x9.5x11 | 24 | | \$1,495 |
| Audix | N-10 | Bass reflex | Unpowered | 40 Hz-20 kHz | 89 dB | 2.2 kHz | 2x7" Kevlar | N/A | 1" cloth dome | No | 22x10x13.5 | 45 | | \$1,995 |
| Audix | PH150 | Bass reflex | Powered | 50 Hz-20 kHz | 86 dB | 2.5 kHz | 5.25" poly | N/A | 1" dome | Yes | 9x6x9 | 18 | | \$479 |
| Audix | PH250 | Wood composite | Powered | 50 Hz-18 kHz | 96 dB | 2.5 kHz | 5.25" poly | N/A | 1" dome | Yes | 12.5x10x8 | 36 | | \$649 |
| Audix | Studio 1A | Bass reflex | Unpowered | 55 Hz-18 kHz | 87 dB | 3 kHz | 6.5" poly | N/A | 1" cloth dome | Optional | 13x9x10 | 18 | | \$599 |
| Bag End | D10E-1 Subwoofer | Sealed | Unpowered | 8-95 Hz (±3dB w/ELF processor) | 92 dB | N/A | 2x10" EL-10 woofers | N/A | N/A | No | 13x22x13 | 44 | Studio subwoofer for use w/ELF processor | \$760 |
| Bag End | Infrasub-12 Subwoofer | Sealed | Powered | 8-95 Hz | N/A | N/A | 12" ELF | N/A | N/A | Yes | 15x18x16 | 57 | Time-align subwoofer w/8Hz response; 400W power amp | \$1,670 each |
| Bag End | Infrasub-18 Subwoofer | Sealed | Powered | 8-95 Hz (±3 dB) | N/A | N/A | 18" EL-18P woofer | N/A | N/A | No | 23.5x21.25x18.25 | 88 | Time-align subwoofer w/8 Hz response; 400W power amp | \$1,670 |
| Bag End | MM-8 Nearfield Monitor | Ported | Unpowered | 95 Hz-20 kHz (±3 dB) | 93 dB | Time-Align EQ filter @ 2.9 kHz | 8" LF | N/A | 1.75" aluminum compression HF | No | 16.5x12.5x8.5 | 28 | For use w/ELF subwoofer; EQ; polarity switch | \$2,640 |
| Bag End | MM-8H | Ported | Unpowered | 95 Hz-20 kHz (±3 dB) | 93 dB | Time-Align EQ filter @ 2.9 kHz | 8" LF | N/A | 1.75" aluminum compression HF | No | 16.5x12.5x8.5 | 29 | Includes cloth grille (no switches) | \$2,440 |
| Barbetta | D-10 | Ported reflex | MOSFET powered biamp | 39 Hz-22 kHz (±1 dB) | N/A | 2,330 Hz | 10" carbon fibre | N/A | 1" silk dome | Optional | 14.5x12x17 | 47 | Bi-amplified; patented active control technology | \$4,995 |
| Barbetta | Diva D-9 | Ported reflex | Powered | 48 Hz-20 kHz | N/A | 2.2 kHz | 8" aerogel | N/A | 25 mm silk dome | Optional | 16x12x13 | 36 | Bi-amplified mosfet powered; mospath signal processor; | \$1,295 |
| Barbetta | Diva OmniField D-8 | Ported reflex | Powered | 40 Hz-20 kHz | N/A | 2.2 kHz | 8" laminated fibre | N/A | 26mm titanium dome | Optional | 14.5x19.5x13.75 | 41.3 | Bi-amplified mosfet power; mosdata signal processor; wide sweet spot | \$3,995 |
| Barbetta | Diva OmniField D-10 | Ported reflex | Powered | 40 Hz-20 kHz (+/-3 dB) | N/A | 2.2 kHz | 10" treated fibre | N/A | 26 mm titanium dome | Optional | 16.5x20.5x14.75 | 53 | Bi-amplified mosfet power mospath signal processor; wide sweet spots | \$4,995 |
| Behringer | Truth B2031 | N/A | Powered | 50 Hz-20 kHz | 116 dB | 2 kHz | 8.75" polycarbonate diaphragm | N/A | 25 mm ferrofluid-cooled dome | No | 15.75x9.84x11.41 | 30.8 | 2-way active; well-balanced vertical and horizontal dispersion; 2 amplifiers; XLR & phone | \$490 |
| BGW Systems. | M850i Subwoofer | Ported | Powered | 20-180 Hz | >120 dB SPL max output | 63-180 Hz | 15" custom | N/A | N/A | No | 21.25x21.25x31 | 180 | Excursion protection circuits | \$4,200 each |
| Blue Sky | SAT 6.5 | Sealed | Powered | 80 Hz-20 kHz | 200 mV = 90 dB SPL 1M | 1.5 kHz | N/A | 6.5" long excursion (midbass) | 1" dual-concentric diaphragm, neodymium motor | Yes | 12x 8x11.88 (with heatsink) | 27 | THX pm3 certified; designed to be used with the SUB 12 | \$1,000 |
| Blue Sky | SUB 12 | Sealed | Powered | 30-200 Hz (20-200 Hz in-room) | 100 mV = 90 dB SPL 1M | 80 Hz (bass management section) | 12" long excursion | N/A | N/A | Yes | 18x16x22.07 (with heatsink and grill) | N/A | THX pm3 certified; designed to be used with the SAT 6.5 | \$595 each |
| Blue Sky | Pyramid | Sealed | Unpowered | 80 Hz-18 kHz | 87 dB | N/A | N/A | 3x5 paper | N/A | Yes | 7.12x7.87x6.5 | 2.8 | Emulates Consumer Systems | \$299 |
| Carvin | SRS 6.5 | Ported reflex | Unpowered | 50 Hz-20 kHz | 92.5 dB | Switchable | 6.5 Kevlar | N/A | N/A | Yes | 9.25x9x14.75 | 21 | Contour switch | \$280 |
| Carvin | SRS6.5 "A" | Ported reflex | Powered | 20 Hz-20 kHz | 92.5 dB | Switchable | 6.5" kevlar | N/A | N/A | Yes | 9.25Wx14.75Hx11.75D | N/A | Biamped; shielded | \$450 |
| Cerwin Vega | CM-80 | N/A | Unpowered | 40 Hz-20 kHz | 93 dB | 2.5 kHz | 8" | N/A | 1" system-matched dome tweeter | No | 10.88 x20x1.5 | 26 | Rear-loaded bass reflex cabinet design | \$500 |
| D.A.S. Audio | Monitor 6 | Ported reflex | Unpowered | 40 Hz-40 kHz | 85 dB | N/A | 6.5 polypropylene | N/A | 0.75 aluminum dome ferrofluid cooled | No | 13.5x6.5x10.5 | 15.2 | | \$798 |
| D.A.S. Audio | Monitor 8 | Ported reflex | Unpowered | 38 Hz-33 kHz | 89 dB | N/A | 8" polypropylene | N/A | 1" ferrofluid cooled aluminum dome | No | 16.5x11x11.5 | 28 | | \$918 |
| Diamond Audio | S2 Pro-Media 1060 Subwoofer | Dual-port | Powered | 50-140 Hz | N/A | 12 dB/octave continuously variable from 70 to 140 Hz | 6.5" long-throw neodymium DVC | N/A | N/A | Yes | 11.5x8.5x14.5 | 20 | RCA (line lvl) or push-type spkr cntrcs (amplified lvls); bass output lvl cntr; polarity switch | \$289 |
| Diamond Audio | S2 Pro-Media 1100 Subwoofer | Dual-port vented | Powered | 30-140 Hz | N/A | 12 dB/octave continuously variable from 70 to 140 Hz | 8" long-throw neodymium DVC | N/A | N/A | Yes | 16.5x8.5x17 | 30 | RCA (line lvl) or push-type spkr cntrcs (amplified lvls); bass output lvl cntr; polarity switch | \$399 |
| Diamond Audio | S2 Pro-Media 4100 System | Dual-port vented | Powered | 50 Hz-20 kHz (±3 dB) | N/A | 120 Hz: 12 dB/octave active (HP and LP); 3.5 kHz: 12/6 dB/octave passive (HP/LP) | 8" long-throw neodymium DVC | 4.5" neodymium (midbass) | 0.5" poly-aluminum composite dome tweeter | Yes | Sub: 16.5x8.5x17; satellite: 7.25x5x4.5 | 48 | 4-pc satellite/subwoofer system; S2 DS1 spkr stnds; mic input w/lvl cntr; S2 TP-1 for use w/existing preamps | \$649 |
| Dynaudio Acoustics | Air 6 | Bass reflex | Powered | 40 Hz-22 kHz | N/A | 2.15 kHz | 6.5" | N/A | 1.10" | Yes | 13.3x8.5x13.58 | 21.6 | Digital and analog inputs; intelligent networking; bass management | \$2,820 |
| Dynaudio Acoustics | Air 15 | Bass reflex | Powered | 33 Hz-22 kHz | N/A | 2.15 kHz | 10" | N/A | 1.10" | Yes | 16.73x10.82x15.55 | 34.17 | Digital and analog inputs; intelligent networking; bass management | \$3,620 |
| Dynaudio Acoustics | BM5 | Composite | Unpowered | 55 Hz-29 kHz | 87 dB | 2.5 kHz | 7" | N/A | 1" | Yes | 12x8x10 | 12.5 | | \$799 |
| Dynaudio Acoustics | BM6A/BM6 | Composite | Powered | 42 Hz-21 kHz | 86 dB | 2.2 kHz | 7" | N/A | 1" | No | 15x9x12/13x8x10 | 26.4/15.2 | | \$2,599/\$1,169 |
| Dynaudio Acoustics | BM15A/BM15P | Composite | Powered | 40 Hz-21 kHz | 88 dB | 2.2 kHz | 10" | N/A | 1" | No | 18x11x5/17x10x13 | 41.8/27.1 | | \$3,599/\$1,529 |
| Dynaudio Acoustics | BX30 | Subwoofer | Powered | 22-120 Hz | 115 dB | 95 Hz | 2x12" | N/A | N/A | No | 16x24x21 | 69.3 | | \$2,200 each |
| Dynaudio Acoustics | M1 | Composite | Unpowered | 50 Hz-20 kHz | 88 dB | 2 kHz | 2x6" | N/A | 1" | No | 8x18x12 | 31 | | \$3,199 |
| Edirol | DM-5 | Bass reflex | Powered | 68 Hz-22 kHz | N/A | 2.3 kHz | 5" foam polypropylene | N/A | 3/4" soft dome | Yes | 7.75x10.5x12.25 | 17.6 | Digital input; USB; (2) stereo analog inputs | \$595 |

REFERENCE MONITORS

| MANUFACTURER | PRODUCT | ENCLOSURE TYPE | POWERED/UNPOWERED | FREQUENCY RESPONSE | SENSITIVITY | CROSSOVER FREQUENCY | WOOFER SIZE AND TYPE | MIDRANGE SIZE AND TYPE | TWEETER SIZE AND TYPE | MAGNETIC SHIELDING | CABINET DIMENSIONS (HXWXD) | WEIGHT (LBS.) | NOTES | PRICE (PER PAIR) |
|-------------------|--|--|-------------------|-------------------------------------|------------------|--|---|--------------------------------------|---|--------------------|--|---------------|--|---------------------------|
| Edirol | MA-5A | Bass reflex | Powered | 50 Hz-20 kHz | -10 dBu | N/A | 3.62" | N/A | N/A | Yes | 4.75x5.81x7.81 | R 2.4; L 1.1 | Compact | \$85 |
| Edirol | MA-5D | Bass reflex | Powered | 50 Hz-20 kHz | -10 dBu | N/A | 2.62" | N/A | N/A | Yes | 4.75x5.81x7.81 | R 2.4; L 1.1 | Compact | \$105 |
| Edirol | MA-10A | Bass reflex | Powered | 45 Hz-35 kHz | -10 dBu | N/A | 3.62" | N/A | 2" | Yes | 6.19x7.81x9.37 | R 7.9; L 5.2 | Front: headphone out; rear: stereo 1/8" and RCA | \$135 |
| Edirol | MA-10D | Bass reflex | Powered | 45 Hz-35 kHz | -10 dBu | N/A | 3.62" | N/A | 2" | Yes | 6.19x7.81x9.37 | R 7.9; L 5.2 | S/PDIF (coax, optical) I/O; headphone out; rear: stereo 1/8" and RCA | \$175 |
| Edirol | MA-110 | Bass reflex | Powered | 75 Hz-18 kHz | 87 dB | N/A | 4.72" | N/A | 1.18" cone | Yes | 5.75x7.75x9.65 | 11.1 | | \$185 |
| Edirol | MA-150U | Bass reflex | Powered | 75 Hz-18 kHz | N/A | 2.3 kHz | 4.72" foam polypropylene | N/A | 1.18" soft dome type | Yes | 5.75x7.75x9.65 | 11.1 | Digital input 24-bit; S/PDIF; USB (2) stereo analog inputs | \$245 |
| Electro-Voice | EVID Premium 4.2 | Dual ported reflex | Unpowered | 42 Hz-20 kHz | 89 dB | 2.2 kHz | Dual 4" | N/A | 1" titanium dome tweeter | Yes | 12.2x6.9x8.5 | 8.5 | Shielded; dual woofer | \$340 |
| Electro-Voice | EVID Premium 6.2 | Dual ported reflex | Unpowered | 6.2 Hz-20 kHz | 94 dB | 1.6 kHz | Dual 6" | N/A | 1" titanium dome | Yes | 16.5x9x11.75 | 12 | Shielded; dual woofer | \$580 |
| Electro-Voice | S-40 | Vented | Unpowered | 85 Hz-20 kHz | 85 dB | 3.5 kHz | 5.25" | N/A | 1" | Yes | 9.8x7.0x5.9 | 5.7 | | \$418 |
| Event Electronics | 20/20 Direct Field Monitor | Ported | Unpowered | 50 Hz-20 kHz, ±2 dB | 88 dB | 2.2 kHz, 2nd-order | 8" mineral-filled polypropylene cone | N/A | 1" ferrofluid-cooled silk dome | Yes | 14.75x10.25x11.75 | 22 | Front-mounted lrg-diam port; 5-wy binding posts | \$399 |
| Event Electronics | 20/20/12 System Subwoofer | Ported | Powered | 28-120 Hz (-3 dB) | N/A | LFE: 120 Hz, third order; monitor: variable, 30-80 Hz, third order | 12" high temperature long-throw coated cone | N/A | N/A | Yes | 19.25x22.25x13.5 | 65 | 250W linear amplifier; 112 dB max SPL; Full bass management system with continuously variable phase and monitor blend crossover tuning | \$899 each |
| Event Electronics | 20/20/15 System Subwoofer | Ported | Powered | 28-120 Hz (-3 dB) | N/A | LFE: 120 Hz, third order; monitor: variable, 30-80 Hz, third order | 15" high temperature long-throw coated cone | N/A | N/A | Yes | 29x21.5x17.5 | 88 | 250W linear amplifier; 117 dB max SPL; Full bass management system with continuously variable phase and monitor blend crossover tuning | \$1,199 each |
| Event Electronics | 20/20bas Bi-amplified System | Ported | Powered | 35 Hz-20 kHz, ±3 dB (-2 dB @ 38 Hz) | N/A | 2.6 kHz, active fourth order | 8" mineral-filled polypropylene cone | N/A | 1" ferrofluid-cooled silk dome | Yes | 14.75x10.25x11.75 | 30 | 200W per side; low/high freq & trim controls; subsonic filter; RF prot; gold 1/4"/XLR combo | \$999 |
| Event Electronics | Project Studio 5 Bi-amplified Direct Field Monitor | Ported | Powered | 53 Hz-19 kHz (±3 dB) | N/A | 2.6 kHz, active second order | 5.25" mineral-filled polypropylene cone | N/A | 1" ferrofluid cooled natural soft dome neodymium | Yes | 10.5x7.5x9 | 16.5 | 100W per side; balanced gold XLR and 1/4" inputs; front-panel volume control; RF interference protection; power-on/clip LED indicator; subsonic filter | \$599 |
| Event Electronics | Project Studio 6 Bi-amplified Direct Field Monitor | Ported | Powered | 45 Hz-20 kHz (±3 dB) | N/A | 2.6 kHz, active fourth order | 6.5" mineral-filled polypropylene cone | N/A | 1" ferro-fluid cooled natural silk dome | Yes | 12.5x8.25x10 | 23 | 100W per side; balanced gold XLR and 1/4" inputs; input level control; RF interference protection; power-on/clip LED indicator; subsonic filter | \$699 |
| Event Electronics | Project Studio 8 Bi-amplified Direct Field Monitor | Ported | Powered | 35 Hz-20 kHz (±3 dB) | N/A | 2.6 kHz, active fourth order | 8" mineral-filled polypropylene cone | N/A | 1" ferro-fluid cooled natural silk dome | Yes | 14.75x10.25x11.75 | 26.5 | 100W per side; balanced gold XLR and 1/4" inputs; input level control; RF interference protection; power-on/clip LED indicator; subsonic filter | \$849 |
| FBT | Jolly 3 | Ported | Unpowered | 80 Hz-20 kHz | 93 dB | 3.5 kHz | 5" polypropylene-coated paper cone | N/A | .75" Mylar cone | Yes | 10.1x6.4x6.2 | 7 | Available in 4 or 16 Ω models; white or dark grey finish; wall-/mic stand-mountable w/opt mounts | \$1,299 |
| FBT | Jolly 3A | Ported | Powered | 80 Hz-20 kHz | 93 dB | 3.5 kHz | 5" polypropylene-coated paper cone | N/A | .75" Mylar cone | Yes | 10.1x6.4x6.2 | 9 | Built power 60W power amp; 1/4" TRS bal input jack; aux out; gain/vol/tone control; white or dark grey; wall /mic stand mountable, w/opt mounts | \$189 |
| FBT | Esprit 3.0 | Ported | Unpowered | 70 Hz-19 kHz | 97.5 dB | 3.5 kHz | 10" polypropylene-coated paper cone | N/A | 1.25" Mylar cone w/aluminum flat wound voice coil | Yes | 16.9x11.4x11.2 | 23 | 1/4" TRS balanced input jacks; white or dark grey | \$339 |
| FBT | Esprit 3.0A | Ported | Powered | 70 Hz-19 kHz | 97.5 dB | 3.5 kHz | 10" polypropylene-coated paper cone | N/A | 1.25" Mylar cone w/aluminum flat wound voice coil | Yes | 16.9x11.4x11.2 | 33 | 1/4" TRS balanced input jacks; 1/4" aux out jack; gain/volume control; 2-band EQ; ground lift switch; white or dark grey | \$419 |
| Fostex | 6301BEA | Sealed | Powered | 80 Hz-13 kHz | 84 dB | N/A | N/A | 4" full-range | N/A | Yes | 6.5x4x5 | 7 | Amplifier may be used independently | \$189 each |
| Fostex | NF-1 | Ported bass reflex featuring HP sound reflectors | Unpowered | 50 Hz-40 kHz | 89 dB | 10 kHz | 6.5" cone | N/A | 1" soft dome | Yes | 13.4x10.8x10.8 | 20 | 'Hyperbolic parabolic' diaphragm for woofer; URD tangential diaphragm edge; push-pull damper; time-aligned encl | \$1,198 |
| Fostex | NF-1A | Ported bass reflex featuring HP sound reflectors | Powered | 50 Hz-40 kHz | 89 dB | 10 kHz | 6.5" cone | N/A | 1" soft dome | Yes | 13.4x5x12.6 | 24 | Biamped w/2 60W amps; adj. boost/cut @ 60 Hz & 10 kHz; 3 dB attenuator at 3 kHz; tweeter level adj. ± 3dB | \$1,998 |
| Fostex | PM-1 | Dual ported | Powered | 50 Hz-20 kHz (±2 dB) | Max >118 dB ELM | 3 kHz | 6.5" | N/A | 1" soft dome | Yes | 15x8.5x10 | 24 | 75-45W bi-amplified; shielded | \$499 |
| Fostex | PS-3.1 | Sub: ported bass reflex; satellites: sealed full range | Powered | 80 Hz-20 kHz | 60 mV | N/A | 5.25" cone in sub | 3" full-range cone in each satellite | N/A | Yes | 10x11.25x 8.25 (subwoofer); 7.25x6-.56x4.69 (satellites) | 14 | Woofer contains 15W amp; x-over; 5W amps x2 for satellites | \$349 (for entire system) |
| Fostex | SPA-11 | Sealed; dual cone | Powered | 60 Hz-18 kHz | 92 dB/1W | N/A | N/A | 2x 4" full-range cones | N/A | No | 7x12x7 | 16.75 | 100W internal amplifier; mic and line inputs; level control; daisy-chainable and stackable | \$499 each |
| Galaxy | Holspot Chameleon HF | Ported | Unpowered | 50 Hz-29 kHz (±6 dB) | 0.92 dB | N/A | 5" poly paper woofer | N/A | 1" ferro fluid cooled soft cloth dome tweeter | No | 6.75x10.94x6 | 6 | High fidelity; permanent installation loudspeaker | \$338 |
| Genelec | 1029AP | Ported | Powered | 68 Hz-18 kHz (±2.5 dB) | 110 dB peak/pair | 3.3 kHz electronic | 5" coated cone | N/A | 0.75" metal dome | Yes | 10x6x7.25 | 12.5 | XLR ins; power indicator; input-sens controls; amp/driver-prot; x-overs; EQ | \$1,080 |
| Genelec | 1030AP | Ported | Powered | 52 Hz-18 kHz (±2.5 dB) | 115 dB peak/pair | 3.5 kHz electronic | 6.5" polymer composite | N/A | 0.75" metal dome | Yes | 12.5x8x9.5 | 15 | XLR ins; power indicator; input-sens controls; amp/driver-prot; x-overs; EQ | \$2,098 |
| Genelec | 2029A Digital Monitor System | Ported | Powered | 68 Hz-18 kHz (±2.5 dB) | 110 dB | 3.3 kHz electronic | 5" coated cones | N/A | 0.75" metal dome | Yes | 10x6x7.25 | 12.5 | S/PDIF and XLR ins; all features of 1029A | \$1,325 |
| Genelec | 2029B Digital Monitor System | Ported | Powered | 68 Hz-20 kHz | 110 dB peak/pair | 3.3 kHz | 5" coated paper | N/A | 0.75" metal dome | Yes | 9.75x6x7.25 | 12.5 | 24-bit/96 kHz digital interface | \$1,375 |
| Genelec | 7050A Subwoofer | Laminar spiral | Powered | 38-85 Hz | N/A | 85 Hz | 8" | N/A | N/A | Yes | 16.13x13.75x12.38 | 33 | For use with 1029A/2029A | \$750 each |
| Genelec | 7060A Subwoofer | Laminar spiral | Powered | 28-85 Hz | N/A | 85 Hz | 10" | N/A | N/A | Yes | 20.75x18.19x14.19 | 57 | Integrated 6.1 bass manager | \$1,595 each |
| Genelec | 7070A Subwoofer | Laminar spiral | Powered | 18-85 Hz | N/A | 85 Hz | 12" | N/A | N/A | Yes | 24.63x21.88x19.31 | 110 | Integrated 6.1 bass manager | \$2,250 each |
| Genelec | 7071A Subwoofer | Laminar spiral | Powered | 18-85 Hz | N/A | 85 Hz | Dual 12" | N/A | N/A | Yes | 28.75x31.63x19.31 | 178 | Integrated 6.1 bass manager | \$3,500 each |
| Hafler | M5 | MDF cabinet | Unpowered | N/A | N/A | 3.2 kHz | 5.25" polypropylene cone | N/A | Proprietary 25mm silk dome | Yes | 12.25x6.75x7 | 10 | 4th order Butterworth vented 2-way | \$249 |
| Hafler | TRM6.1 | Bass reflex | Powered | 55 Hz-21 kHz ±2 dB | N/A | 3.2 kHz | 6" polypropylene cone | N/A | 1" soft dome | Yes | 13.25x8.875x11.5 | 25 | 150W + 33W trans*ana amps | \$998 |
| Hafler | TRM8.1 | Bass reflex | Powered | 45 Hz-21 kHz ±2 dB | N/A | 2.5 kHz | 8" polypropylene cone | N/A | 1" soft dome | Yes | 15.7/16x10.25x13 | 35 | 150W + 75W trans nova amps | \$1,498 |
| Hafler | TRM10.1 | Bass reflex | Powered | 30-110 Hz ±2 dB | N/A | Variable 40-110 Hz | Down firing 10" cellulose fiber cone | N/A | N/A | No | 14.75x16x16 | 60 | 200W class G trans*ana amp; XLR, RCA ins; 90/180/270 dgr phsng | \$599 each |

REFERENCE MONITORS

| MANUFACTURER | PRODUCT | ENCLOSURE TYPE | POWERED/UNPOWERED | FREQUENCY RESPONSE | SENSITIVITY | CROSSOVER FREQUENCY | WOOFER SIZE AND TYPE | MIDRANGE SIZE AND TYPE | TWEETER SIZE AND TYPE | MAGNETIC SHIELDING | CABINET DIMENSIONS (HXWXD) | WEIGHT (LBS.) | NOTES | PRICE (PER PAIR) |
|------------------|---------------------------------|-------------------------------|-------------------|--|--|---|--|-----------------------------|---|--------------------|----------------------------|-------------------------|--|-------------------------------|
| Hafler | TRM12.1 | Bass reflex | Powered | 25-110 Hz ±2 dB | N/A | Variable 40-110 Hz | Down firing 12" cellulose fiber cone | N/A | N/A | No | 18x19.5x19.25 | 96 | 200W class G trans*ana ampl; XLR, RCA ins; 90/180/270 dgr phsng | \$699 each |
| HHB | HHB Circle 3 | 2-way non-ported | Active & passive | 70 Hz-20 kHz | 83 dB | 3.5 kHz | 4.5" NRSC cone | N/A | 1" softdome neodymium magnet | Yes | 10.6x6.9x7.8 | 8.1 passive; 11 active | Active amp w/anti thump circ | \$799 active; \$429 passive |
| HHB | HHB Circle 5 | Ported | Active & passive | 48 Hz-20 kHz | 87 dB | 2.6 kHz | 8" polymer cone | N/A | 1" softdome with damping chamber | Yes | 16.5x10x11.8 | 10 passive; 12.6 active | Active version: 2 ch amp Class AB | \$1,490 active; \$749 passive |
| HHB | HHB Circle Sub | Twin chamber reflex | Powered | 33 Hz-120 kHz | 1V | 5 main ch use Sallen & Key filters @ 120 Hz | 12" double magnet | N/A | N/A | No | 18.3x16.3x16.3 | 47.3 | Built in 5 ch active filtering | \$1,399 |
| Hot House | ARM 265 | 6th-order reflex; rear ported | Bi-amped | 30 Hz-20 kHz (±1.75 dB) | Adjustable input gain +4 or -10 line level | 1.5 kHz | 2x6.5" long throw | N/A | 1" recessed soft dome | No | 25x14x12 | 52 | Vertically aligned; adj LF/HF; pk SPL per pair 126 dB; avail in black, red, golden oak | \$6,499 |
| Hot House | ASB 310 Sub-Bass System | N/A | Powered | 20-80 Hz | N/A | 80 Hz | 10" ultra-high excursion w/2x10" passive radiators | N/A | N/A | No | 15x15x16 | 58 | Stereo x-over w/ XLR & RCA I/O; HP outs; sens/lvl mtchg; pk SPL 118 dB | \$2,499 |
| Hot House | PRM 165 | Reflex, rear ported | Unpowered | 49 Hz-20 kHz (±1.75 dB) | 91 dB | 2.4 kHz | 6.5" long throw | N/A | 1" recessed soft dome | Yes | 12.5x8.5x13 | 25 | Req 100-300W of hi qlty amplification for ruler-flat mastering performance | \$1,299 |
| JBL | 4206 | Bass reflex | Unpowered | 65 Hz-20 kHz (±2 dB) | 87 dB | 2.8 kHz | 6.5" woofer | N/A | 1" titanium | Yes | 15.375x9x9.5 | 15 | Multiradial baffle | \$410 |
| JBL | 4208 | Bass reflex | Unpowered | 60 Hz-20 kHz (±2 dB) | 89 dB | 2.8 kHz | 8" | N/A | 1" titanium | Yes | 17.75x11.25x9.5 | 20.5 | Multiradial baffle | \$540 |
| JBL | 4408A | Bass reflex | Unpowered | 50 Hz-20 kHz (±2 dB) | 89 dB | 2.5 kHz | 8" cast frame | N/A | 1" titanium dome | No | 17.25x11.625x12 | 26 | Mirror image pairs | \$750 |
| JBL | 4410A | Bass reflex | Unpowered | 45 Hz-20 kHz (±2 dB) | 90 dB | 900 Hz, 4 kHz | 10" cast frame | 5" cast frame | 1" titanium dome | No | 23.5x14.25x11.25 | 43 | Mirror image pairs | \$1,040 |
| JBL | 4412A | Bass reflex | Unpowered | 45 Hz-20 kHz (±2 dB) | 89 dB | 850 Hz, 4 kHz | 12" cast frame | 5" cast frame | 1" titanium dome | No | 14.25x23.5x11.25 | 47 | Mirror image pairs in horizontal configuration | \$1,560 |
| JBL | Control 1 | Bass reflex | Unpowered | 70 Hz-20 kHz (-10 dB) | 87 dB | 6 kHz | 5.25" | N/A | 0.75" polycarbonate | Yes | 9.25x6.25x5.625 | 4 | Multimedia brackets and adapters available | \$328 |
| JBL | LSR12P | Subwoofer | Powered | 28-80 Hz (-6 dB) | 96 dB | 85 Hz | 12" neodymium differential drive | N/A | N/A | No | 15.5x25x11.5 | 50 | Integrated bass management system | \$1,279 |
| JBL | LSR25P | Die-cast aluminum | Powered | 70 Hz-20 kHz (+1, -2dB) | 96 dB @ +4 dBu-10 dBv | 2.3 kHz | 5.25 SFG | N/A | 1" titanium composite with waveguide | Yes | 10.6x 6.8x9.5 | 17 | | \$798 |
| JBL | LSR28P | Bass reflex | Powered | 50 Hz-20 kHz (+1, -1.5 dB) | 89 dB | 1.7 kHz | 8" differential drive | N/A | 1" titanium composite on waveguide | No | 13x16x12.75 | 50 | Carbon fiber composite baffle | \$2,358 |
| JBL | LSR32 | Bass reflex | Unpowered | 60 Hz-20 kHz (+1, -1.5 dB) | 90 dB | 250 Hz, 2.2 kHz | 12" neodymium differential drive | 5" neodymium w/2" voicecoil | 1" titanium composite on waveguide | No | 15.5x25x11.5 | 47 | Carbon fiber composite baffle | \$2,358 |
| KRK | Exposé E8 | Tuned port | Powered | 100 Hz-4 kHz (±1 dB) 46 Hz-22 kHz (±2.5 dB) | +6 to -30 dB | 1.7 kHz | 8" Kevlar | N/A | 1" kevlar | Standard | 17x15.25x14.5 | 61 | | \$4,799 |
| KRK | K-Rok/S | Tuned port | Unpowered | 57 Hz-19 kHz (±3 dB) | 92 dB | 2.5 kHz | 7" latex-coated, long stroke | N/A | 1" silk dome | Optional | 14x12x9.75 | 46 (pair) | | \$599 (\$750 shielded) |
| KRK | M6000/S | Tuned port | Unpowered | 62 Hz-20 kHz | 89 dB | 2.4 kHz | 6" polyglass | N/A | 1" kevlar | Optional | 13x9x10 | 36 | | \$1,050 (\$1,200 shielded) |
| KRK | M7000B/BS | Tuned port | Unpowered | 50 Hz-20 kHz | 91 dB | 3 kHz | 7" Kevlar | N/A | 1" kevlar | Optional | 14.25x11x11 | 50 | | \$1,500 (\$1,800 shielded) |
| KRK | Rokit Personal Shielded Monitor | Tuned port | Unpowered | 69 Hz-24 kHz (±2 dB) | 91 dB | 1.5 kHz | 6.5" long stroke polyvinyl | N/A | 1" silk dome | Yes | 12.5x10.5x8 | 29 (pair) | | \$450 |
| KRK | S8 | Slotted port | Powered | N/A | N/A | N/A | 8" coated paper | N/A | N/A | No | N/A | N/A | | \$850 |
| KRK | S10 | Tuned port | Powered | 30 Hz-50 kHz -130 kHz (variable)±2 dB | +6 to -30 dB | 80 kHz fixed | 10" woven kevlar | N/A | N/A | No | 13x18.75x17 | 53 (pair) | | \$1,200 |
| KRK | S12 | Slotted port | Powered | 31 Hz-50 kHz (variable)±2 dB | N/A | N/A | 12" woven kevlar | N/A | N/A | No | 15x22x20 | 72 | | \$1,499 |
| KRK | V4 | Slotted port | Powered | N/A | N/A | N/A | 4" coated | N/A | 1" titanium dome | Yes | N/A | N/A | | \$1,000 |
| KRK | V6 | Tuned port | Powered | 30 Hz-50 kHz; -130 Hz (vari) ±2 dB | +6 to -30 dB | 80 Hz fixed | 10" woven kevlar | N/A | N/A | No | 13.017x18.75x17 | 53 (pair) | | \$1,200 |
| KRK | V8 | Tuned port | Powered | 47 Hz-23 kHz (±2 dB) | +6 to -30 dB | 1.66 kHz | 8" woven kevlar | N/A | 1" silk dome | Yes | N/A | 38 (pair) | | \$1,800 |
| KRK | V88 | Tuned port | Powered | 35 Hz-2 kHz (±2 dB) | +6 to -30 dB | 1.83 kHz | 8" woven kevlar | N/A | 1.25" silk dome | Yes | N/A | 50 (pair) | | \$2,400 |
| Mackie Designs | HRS 120 Studio Subwoofer | N/A | Powered | 21-150 Hz ±1.5 dB | N/A | 55-110 Hz @ 24 dB | 12" RCF precision with 4" voice coil | N/A | N/A | No | 21x18x21.3 | 94 | Biampified | \$1,499 |
| Mackie Designs | HR624 | Bass reflex/passive radioid | Powered | 52 Hz-QQQ | N/A | 3 kHz | 6.7" | N/A | 1" viscous edge-damped aluminum dome | Yes | 13x8.25x10.3 | 51 | Biampified | \$1,298 |
| Mackie Designs | HR824 | Sealed | Powered | 39 Hz-20 kHz (±1.5 dB) | >120 dB 1W/1m | 2 kHz | 8.75" mineral-filled polypropylene cone | N/A | 1" alumin-alloy; ferrofluid cooled coil | Yes | 15.75x10x10.5 | 32 | Rear mass-loaded passive radiator | \$1,598 |
| M Audio | SP 5B | Ported reflex | Powered | 48 Hz-22 kHz | 200 mV | 2.7 kHz | 5.25" magnetically-shielded polypropylene cone | N/A | 1" silk dome | Yes | 6.5x10x7.75 | 11 | | \$400 |
| M Audio | Studiophile SP 5B | Ported reflex | Powered | 48 Hz-22 kHz | 200 mV | 2.7 kHz | 5.25" polypropylene | N/A | 1" magnetically shielded silk dome | Yes | 9.8x6.5x7.87 | 11 | | \$399 |
| M Audio | Studiophile SP 8B | Ported reflex | Powered | 33-22k Hz | 200 mV | 1.8 kHz | 8" polypropylene | N/A | 1" magnetically shielded silk dome | Yes | 14.96x9.8x11.81 | 11 | | \$599 |
| M&K Professional | MPS-300 | In-wall | Unpowered | 80 Hz-22 kHz (±2 dB) | N/A | 1.2 kHz | (2) 5.25" polypropylene mid-woofers | N/A | (2) 1" soft dome; 1" ferrofluid open-back transmission line | No | 12.1x10.5x3.1 | N/A | In-wall studio monitor with white metal grill | \$999 each |
| M&K Professional | MPS-1525 Tripole Surround | Sealed | Unpowered | 80 Hz-20 kHz | 90 dB | 1.8 kHz | (2) 5.25" | (2) 3.5" | 1" soft dome | Yes | 10.5x8.5x6 | 11 | Switchable power response | \$1,399 |
| M&K Professional | MPS-1625 Tripole Surround | Sealed | Unpowered | 80 Hz-20 kHz | 90 dB | 1.8 kHz | 6.5" | (4) 3.5" | 1" soft dome | Yes | 12.6x10.5x8 | 14 | Switchable power response | \$1,998 |
| M&K Professional | MPS-1625P Tripole Surround | Sealed | Powered | 77 Hz-20 kHz | 90 dB | 1.8 kHz | 6.5" | (4) 3.5" | 1" | Yes | 12.6x10x9 | 18 | Switchable power response | \$2,499 |
| M&K Professional | MPS-1510 | Sealed | Unpowered | 80 Hz-20 kHz | 90 dB | 1.8 kHz | 5.25" | N/A | 1" soft dome | Yes | 10.5x6.25x7.4 | 9 | | \$499 each |
| M&K Professional | MPS-1520 Center Channel | Sealed | Unpowered | 80 Hz-20 kHz | 90 dB | 1.8 kHz | (2) 5.25" | N/A | 1" soft dome | Yes | 5.6x6.18.5x8.25 | 17 | Horizontal center channel monitor | \$699 each |

REFERENCE MONITORS

| MANUFACTURER | PRODUCT | ENCLOSURE TYPE | POWERED/UNPOWERED | FREQUENCY RESPONSE | SENSITIVITY | CROSSOVER FREQUENCY | WOOFER SIZE AND TYPE | MIDRANGE SIZE AND TYPE | TWEETER SIZE AND TYPE | MAGNETIC SHIELDING | CABINET DIMENSIONS (HXWXD) | WEIGHT (LBS.) | NOTES | PRICE (PER PAIR) |
|--------------------|----------------------------|-----------------------|-------------------------------|----------------------------------|---------------------------|--|--|------------------------------|--|-----------------------------|--|----------------------------|---|------------------------------|
| M&K Professional | MPS-1610 | Sealed | Unpowered | 80 Hz–20 kHz | 90 dB | 1.8 kHz | 6.5" | N/A | 1" soft dome | Yes | 12.6x18.4x7.5 | 12 | | \$650 each |
| M&K Professional | MPS-2510 | Sealed | Unpowered | 77 Hz–20 kHz (±2 dB) | 90 dB | 1.5 kHz | (2) 5.25" | N/A | (3) 1" soft dome | Yes | 12.5x10.5x12 | 24 | THX PM3 appr; user selectable wide/narrow vertical directivity | \$899 each |
| M&K Professional | MPS-2510 Powered | Sealed | Powered | 77 Hz–20 kHz (±2 dB) | 90 dB | 1.5 kHz | (2) 5.25" | N/A | (3) 1" soft dome | Yes | 12.5x10.5x12 | 24 | THX PM3 appr; user selectable wide/narrow vertical directivity | \$1,999 each |
| M&K Professional | MPS-2525 Tripole Surround | Sealed | Unpowered | 80 Hz–20 kHz | 90 dB | 1.8 kHz | (2) 5.25" | (4) 3.5" | (3) 1" soft dome | Yes | 12.5x10.5x12 | 26 | Tripole surround monitor; switchable power response | \$1,399 |
| M&K Professional | MPS-2525P Tripole Surround | Sealed | Powered | 77 Hz–20 kHz | 90 dB | 1.8 kHz | (2) 5.25" | (4) 3.5" | (3) 1" | Yes | 12.5x10.5x14 | 26 | Switchable power response | \$2,999 |
| M&K Professional | MPS-2550 | Sealed | Unpowered | 77 Hz–20 kHz (±2 dB) | 90 dB | 200 Hz, 1,500 Hz | (2) 6.5" | (2) 5.25" | (3) 1" | Yes | 12.5x10.5x14 | 32 | User selectable vertical directivity | \$1,399 each |
| M&K Professional | MPS-2575 Tripole Surround | Sealed | Unpowered | 80 Hz–20 kHz | 90 dB | 1.8 kHz | (2) 6.5" | (2) 5.25"; (2) 3.5" | (5) 1" soft dome | Yes | 12.375x10.5x14 | 36 | Tripole surround monitor; switchable power response | \$1,799 each |
| M&K Professional | MPS-2810 Subwoofer | Sealed | Powered | 20–125 Hz | N/A | N/A | (2) 8" | N/A | N/A | Yes | 14.5x17.5x12.125 | 41 | Dual driver push-pull; headroom maximizer; backfire dsgn | \$1,499 each |
| M&K Professional | MPS-5150 Subwoofer | Sealed | Powered | 20–125 Hz | N/A | N/A | (2) 12" | N/A | N/A | Yes | 23.25x15.5x19.625 | 72 | Dual driver push-pull; headroom maximizer; XLR in; THX PM3 appr | \$1,499 |
| M&K Professional | MPS-5310 Subwoofer | Sealed | Powered | 20–125 Hz | N/A | N/A | (2) 12" | N/A | N/A | Yes | 23.25x15.5x19.625 | 82 | Dual driver push-pull design; headroom maximizer; XLR in; THX PM3 appr | \$1,999 |
| M&K Professional | MPS-5410 x Subwoofer | Sealed | Powered | 18–125 Hz | N/A | N/A | (2) 12" | N/A | N/A | Yes | 23.25x15.5x26 | 115 | Dual driver push-pull design; headroom maximizer; XLR in; THX PM3 appr | \$2,999 |
| NHT Pro | A-10 | Sealed | Dedicated outboard amplifier | 50 Hz–20 kHz | 116 dB | 2 kHz | 6.5" paper cone | N/A | 1" ferrofluid cooled; soft dome | Yes | 12x7.5x10.75 Amp dimensions: 3.5x19x12.75 (2u) | 14 | XLR/TRS in; output (amp-monitors)-XLR cables; controls listening position-NF/MF, wall prox-0/1, input sensi—10/-3/+4,+11 dBu, mute | \$1,200 |
| NHT Pro | A-20 | Sealed | Dedicated outboard amplifier | 40 Hz–20 kHz | 117 dB | 2 kHz | 6.5" paper cone | N/A | 1" ferro fluid cooled; metal dome | Partial | 3.5x19x12.75 (2u) | 17 | XLR/TRS in; output (amp-monitors)-XLR cables; controls listening position-NF/MF, wall prox-0/1, input sensi—10/-3/+4,+11 dBu, mute; LED readout-SPL; VAC; heat sink temp. | \$2,000 |
| NHT Pro | B-20 | Air suspension | Powered | 29–100 Hz | N/A | 5 position variable 70, 85, 95, 105, bypass (230 Hz) | (2) 10" ultra long throw (1" linear peak-peak) | N/A | N/A | No | (2) 14x14x16 (inc. grill) | 38 | Includes 250W/ch control amplifier | \$2,000/system |
| NHT Pro | C-20 | Acoustic suspension | Powered | 48 Hz–20 kHz | N/A | N/A | 6.5" treated paper (shielded) | N/A | 1" aluminum dome; fluid cooled; shielded | Partial | 14x8x9.375 | 19 | Center channel complement for A-20 system | \$1,250 |
| NHT Pro | M-00 | Sealed; cast aluminum | Powered | 80 Hz–20 kHz | 111 dB | N/A | 4.5" paper cone | N/A | 1" ferrofluid cooled; soft dome | Full, including transformer | 9x5.7x7.3 | 14 | Inputs: XLR, TRS, RCA; controls-NF/MF, +4/-10 dBu, auto power | \$750 |
| NHT Pro | S-00 | Acoustic suspension | Powered | 39 Hz–90 Hz | N/A | Variable 50–90 Hz | 8" long throw; treated paper | N/A | N/A | No | 13.25x10.25x13 | 30 | Optional footswitch bypass | \$750 each |
| Paradigm Reference | Mini Monitor | Bass reflex | Unpowered | 43 Hz–20 kHz (±2 dB) | 89 dB | 2 kHz | 6.5" injection molded copolymer polypropylene | N/A | 1" pure titanium dome | Optional | 13.25x8x11.25 | 15.5 | Black ash, light cherry, and dark cherry laminates | \$349 |
| Paradigm Reference | Monitor 3 | Bass reflex | Unpowered | 36 Hz–20 kHz (±2 dB) | 90 dB | 2 kHz | 8" injection molded copolymer polypropylene | N/A | 1" pure titanium dome | Optional | 20x9.19x11.37 | 24 | Black ash, light cherry, and dark cherry laminates | \$399 |
| Paradigm Reference | Studio/20 | Bass reflex | Unpowered | 38 Hz–22 kHz (±2 dB) | 89 dB | 1.5 kHz | 6.5" mica-polymer cone | N/A | 1" pure aluminum dome | Optional | 14.5x8.25x11.37 | 28 | Black ash, light cherry, and rosenut laminate and wood veneer | \$650 laminate; \$900 veneer |
| PMC | IB-1 | Transmission line | Unpowered | 25 Hz–25 kHz | 91 dB | 380 Hz, 3.8 kHz | 10" flat carbon fiber; Nomex piston driver | 3" fabric dome | Silk soft dome with double chamber | Optional | 30x13x21 | 65 | Available in several finishes | \$5,900 |
| PMC | PMC IB-1S | Transmission line | Option | 25 Hz–25 kHz | 89 dB | 380 Hz, 3.8 kHz | 10" flat carbon fiber; Nomex piston driver | 5.5" dome fabric | 3.5" silk dome w/double chamber | Optional | 29x18x13 | 76 | Optional Bryston power modules | \$4,950 |
| PMC | PMC LB-1 | Transmission line | Option | 35 Hz–25 kHz | 87 dB | 2.5 kHz | 4.5" 1 kw pulse with 4" voice coil | N/A | Silk soft dome w/double chamber | Yes | 21x10x7 | 21 | Optional Bryston power modules | \$2,360 |
| PMC | TB-2S | Transmission line | Powered (unpowered avail) | 35 Hz–25 kHz | 90 dB | 3 kHz | 6.5" domed-cast magnesium | N/A | Aluminum alloy phase shield ferrofluid | Optional | 15.75x7.5x11.75 | Powered: 30; unpowered: 20 | Available in several finishes | \$900 and up |
| PMC | XB-1P Subwoofer | Transmission line | Powered (unpowered avail) | 25–200 Hz | 90 dB | 100 Hz | Die-cast 10" dual voice coil | N/A | N/A | No | 31x17x10.5 | Powered: 71; unpowered: 60 | Available in several finishes | \$1,250 and up |
| Precision Systems | T16 Active | Ported | Powered | 80 Hz–20 kHz | 83 dB | 2.8 kHz | 6" ATC proprietary | N/A | 1" | Optional | | 40 | | \$3,800 |
| Quested | F 11a | Bass reflex | Powered | 65 Hz–20 kHz (±2 dB) | N/A | N/A | 6.5" custom | N/A | 1.10" soft dome | Yes | 12.5x8.5x11.25 | 24.5 | Bass/treble boost/cut; level control | \$2,190 |
| Quested | F11p | Bass reflex | Unpowered | 65 Hz–20 kHz | 84.5 dB | N/A | 6.5" custom | N/A | 1.10" | Yes | 12.5x9x11.5 | 26 | Integral mounting points | \$1,390 |
| Quested | H108 | Bass reflex | Unpowered | 55 Hz–18 kHz | 90.5 dB | N/A | 8" custom | N/A | 1.125" high frequency soft dome | Optional | 15x9x9 | 26 | | \$1,990 |
| Quested | VH2108 | | Unpowered | 55 Hz-17 kHz +/-1.5 dB | 90.5 dB @ 1W 1m | N/A | 8" high excursion | N/A | 1.125" soft dome ferrofluid cooled | No | 13x16x13 | 42 | Easy replace back panel | \$2,590 |
| Quested | VH3208 | Bass reflex | Unpowered | 45 Hz–20 kHz (±2 dB) | 92 dB | N/A | 2x8" custom | 3" custom midrange soft dome | 1.125" high frequency soft dome | Optional | 24x19x16.5 | 84 | | \$4,990 |
| Quested | VS2108 | Bass reflex | Powered | 55 Hz–19 kHz (±2 dB) | N/A | N/A | 8" custom | N/A | 1.125" high frequency soft dome | Optional | 16x13x13 | 48 | | \$3,990 |
| Quested | VS2205 | Bass reflex | Powered | 75 Hz–19 kHz | N/A | N/A | 2x5" custom | N/A | 1.125" high frequency soft dome | Yes | 10x13x11 | 29 | | \$3,590 |
| Roland | DS-90 24-bit Digital | Bass reflex | Powered | Flat, w/user-adjustable settings | 0 dBm (0.775 Vrms) | 2.6 kHz active 4th order | 6.5" polypropylene cone | N/A | 1" soft dome | Yes | 19.6x9x12.7 | 24 | 24-bit digital ins (S/PDIF) on each speaker | \$1,190 |
| Samson | DMS80 | | Powered w/2x40 W amp included | 40 Hz–18 kHz | N/A | N/A | 5.25" | N/A | 1" | Yes | N/A | N/A | | \$300 |
| Samson | Resolv 65a | Ported tuned | Powered | 40 Hz-20 kHz | N/A | 2.6 kHz | 6.5" copolymer surround | N/A | 1" titanium | Yes | 13.58x8.5x9.78 | N/A | | \$280 |
| Samson | Resolv 65a | Ported tuned | Powered | 40 Hz-20 kHz | N/A | 2.6 kHz | 6.5" copolymer surround | N/A | 1" titanium dome | Yes | 13.58x8.5x9.78 | N/A | Biamp 75W-low/25W-high; adjustable midrange control | \$400 |
| SPL Electronics | Sigma 6.2 | Ported | Unpowered | 40 Hz-40 kHz | 87 dB, 1W/1m | N/A | 6.5" | N/A | 3.25" | Yes | 16.75x15.5x9.5 | N/A | Time coherent response | \$3,000 |
| Studer | Active A1 | Ported | Powered | 58 Hz–22 kHz | 0.775V for 100 dB SPL @1m | 3.5 kHz | 5.6" | N/A | 2.75" | Yes | 9x6x7 | 11 | Negative impedance and group delay compensation | \$1,590 (\$795 each) |

REFERENCE MONITORS

| MANUFACTURER | PRODUCT | ENCLOSURE TYPE | POWERED/UNPOWERED | FREQUENCY RESPONSE | SENSITIVITY | CROSSOVER FREQUENCY | WOOFER SIZE AND TYPE | MIDRANGE SIZE AND TYPE | TWEETER SIZE AND TYPE | MAGNETIC SHIELDING | CABINET DIMENSIONS (HXWD) | WEIGHT (LBS.) | NOTES | PRICE (PER PAIR) |
|--------------------|-----------------------------|-------------------------------|-------------------|--|---------------------------|---------------------|--|------------------------|----------------------------------|--------------------|---------------------------|---------------|--|------------------------|
| Studer | A3 Active | Ported | Powered | 43 Hz–23 kHz | 0.775V for 100 dB SPL @1m | 2.2 kHz | 8.5" | N/A | 4" | Yes | 16x10x12 | 28 | Negative impedance and group delay compensation | \$3,790 (\$1,895 each) |
| Sundholm Acoustics | Sundholm PS/8 Sub | Ported reflex | Powered | 24–100 Hz (±3 dB); 28–100 Hz (±1 dB) | N/A | 50–100 Hz variable | 8" treated paper cone | N/A | N/A | No | 15.25x15.25x15.25 | 50 | Phase reversal switch; stacking outputs ; level control | \$820 each |
| Sundholm Acoustics | Sundholm PS/10T Powered Sub | Ported reflex | Powered | 34 Hz–100 kHz (±3 dB) | N/A | 50–100 Hz variable | 10" polycone | N/A | N/A | No | 29x12x15.25 | 55 | Pair serve as speaker stand for full-range monitors | \$899 each |
| Sundholm Acoustics | SL 5.0 | Ported reflex with wave guide | Unpowered | 56 Hz–20 kHz (±3 dB); 150 Hz–20 kHz (±1 dB); 24–28 Hz–20 kHz (±1 dB) | 87dB | 3.2 kHz | 5.25" coated paper cone fully shielded | N/A | 1" aluminum dome; fully shielded | Yes | 15x7.75x8 | 2 each | 5.1 mixing system with PS/8 powered sub | \$795 |
| Sundholm Acoustics | SL 6.5 | Ported reflex | Unpowered | 45 Hz–20 kHz (±2 dB) | 88 dB | 2.5 kHz | 6.5" polycone | N/A | 1" silk dome | No | 15.5x10.6x11.6 | 25 | Bi-wire connector; time offset correction plate; assym technology | \$795 |
| Sundholm Acoustics | SL 8.0 | Ported reflex | Unpowered | 40 Hz–20 kHz (±3 dB) | 88 dB | 2.2 kHz | 8" polycone | N/A | 1" aluminum dome | No | 15.5x12x14.25 | 35 | Bi-wire connector; time offset correction plate; Assym technology | \$995 |
| Tannoy | Proto-J | Ported reflex | Unpowered | 60 Hz-20 kHz | 87 dB | 3 kHz | 6.5" pulp | N/A | 0.75" soft dome | No | 14x9x9 | 12 | | \$279 |
| Tannoy | PS110B | Ported reflex | Powered | 31-150 Hz | N/A | Variable | 10" pulp | N/A | N/A | Option | 18x12x16 | 33 | 110W subwoofer | \$499 each |
| Tannoy | PS350B | Ported reflex | Powered | 29-300 Hz | N/A | Variable | 15" treated pulp | N/A | N/A | Option | 20x19x20 | 61 | 170W subwoofer | \$999 each |
| Tannoy | Reveal | Ported reflex | Unpowered | 65 Hz-20 kHz | 87 dB | 3 kHz | 6.5" plastic | N/A | 1" soft dome | Yes | 14x9x11 | 15.4 | | \$399 |
| Tannoy | Reveal Active | Ported reflex | Powered | 62 Hz-20 kHz | N/A | 3 kHz | 6.5" plastic | N/A | 1" soft dome | Yes | 14x9x11 | 19 | 50W + 50W | \$899 |
| Tannoy | System 600 | Ported reflex | Unpowered | 52 Hz-20 kHz | 90 dB | 1.8 kHz | 6.5" molded plastic | N/A | 1" aluminum dome | Option | 9x15x11 | 17 | Dual concentric | \$695 |
| Tannoy | System 600A | Ported reflex | Powered | 44 Hz-20 kHz | N/A | 1.6 kHz | 6.5" molded plastic | N/A | 1" aluminum dome | Option | 9x15x12 | 23 | Dual concentric 70W + 70W | \$1,395 |
| Tannoy | System 800 | Ported reflex | Unpowered | 47 Hz-20 kHz | 92 dB | 1.8 kHz | 8" molded plastic | N/A | 1" aluminum dome | Option | 11x18x11 | 51 | Dual concentric | \$995 |
| Tannoy | System 800A | Ported reflex | Powered | 44 Hz-20 kHz | N/A | 1.6 kHz | 8" molded plastic | N/A | 1" aluminum dome | Option | 11x18x12 | 22 | Dual concentric 90W + 90W | \$1,895 |
| Tannoy | System 1000 | Ported reflex | Unpowered | 45 Hz-20 kHz | 94 dB | 1.5 kHz | 10" molded plastic | N/A | 1" aluminum dome | Option | 13x22x12 | 37 | Dual concentric | \$1,795 |
| Tannoy | System 1200 | Ported reflex | Unpowered | 40 Hz-20 kHz | 95 dB | 1.3 kHz | 12" molded plastic | N/A | 1" aluminum dome | Option | 16x26x16 | 60 | Dual concentric | \$2,495 |
| Triple P | Pyramid | Sealed | Unpowered | 80 Hz-18 kHz | 87 dB | N/A | N/A | 3x5" paper | N/A | Yes | 7.12x7.87x6.5 | 2.8 | Emulates consumer systems | \$299 |
| Vienna Acoustics | Bach | Bass reflex | Unpowered | 38 Hz–20 kHz (±3 dB) | 90 dB | N/A | 7" paper cone | N/A | 1" silk dome; ferrofluid | Yes | 33.7x7.5x9.8 | 34 | | \$1,500 |
| Vienna Acoustics | Haydn | Bass reflex | Unpowered | 42 Hz–20 kHz (±3 dB) | 89 dB | N/A | 5.5" XPP cone | N/A | 1" silk dome; ferrofluid | No | 13.6x6.7x10.2 | 19 | | \$995 |
| Vienna Acoustics | Mozart | Bass reflex | Unpowered | 35 Hz–22 kHz (±3 dB) | 90 dB | N/A | 2x5.5" XPP cone | N/A | 1" silk dome; ferrofluid | No | 37x6.7x11.6 | 44 | | \$2,500 |
| Westlake Audio | BBSM-4 | Bass reflex | Unpowered | 65 Hz–20 kHz | 89 dB | 1.5 kHz | 4" polypropylene | N/A | 0.75" dome | No | 8x15x10 | 31 | Electro/mech/acoustical dampening; integrated passive cross-over for single/bi-amp operation | \$2,995 |
| Westlake Audio | BBSM-5 | Bass reflex | Unpowered | 55 Hz–20 kHz ±3 dB | 90 dB | 1.2 kHz | 5" polyglass | N/A | 1" soft dome | No | 10x18x11.75 | 42 | Electro/mech/acoustical dampening; integrated passive cross-over for single/bi-amp operation | \$3,495 |
| Westlake Audio | Lc265.1 | Bass reflex | Unpowered | 48 Hz–18 kHz | 91 dB | 180 Hz, 4 kHz | 6.5" polypropylene | 5" | 1" dome | No | 8.5x22x11 | 42 | Electro/mech/acoustical dampening; integrated passive cross-over for single/bi-amp operation | \$1,899 |
| Westlake Audio | Lc3w10 | Bass reflex | Unpowered | 42 Hz–20 kHz | 88 dB | 160 Hz, 4.5 kHz | 10" polypropylene | 5" | 0.75" soft dome | No | 12.25x21.5x13.37 | 69 | Electro/mech/acoustical dampening; integrated passive cross-over for single/bi-amp operation | \$4,125 |
| Westlake Audio | Lc3w12 | Bass reflex | Unpowered | 40 Hz–18 kHz | 91 dB | 160 Hz, 4.5 kHz | 12" polypropylene | 6" | 1" dome | No | 15x25x15.5 | 107 | Electro/mech/acoustical dampening; integrated passive cross-over for single/bi-amp operation | \$5,087 |
| Westlake Audio | Lc 4.75 | Bass reflex | Unpowered | 60 Hz-20 kHz | 85 dB | 4.5 kHz | 4" polypropylene | N/A | 0.75 soft dome | Optional | 12x5.5x7.25 | 12 | | \$999 |
| Westlake Audio | Lc 5.75 | Bass reflex | Unpowered | 60 Hz-20 kHz | 86 dB | 4.5 kHz | 5" polyglass | N/A | 0.75" soft dome | Optional | 14x6.5x9 | 18 | | \$1,398 |
| Westlake Audio | Lc6.75 | Bass reflex | Unpowered | 60 Hz–18 kHz | 87.5 dB | 4 kHz | 6.5" polypropylene | N/A | 0.75" soft dome | Optional | 16x8x10.37 | 21.5 | Electro/mech/acoustical dampening; align signal path | \$1,498 |
| Westlake Audio | Lc8.1 | Bass reflex | Unpowered | 55 Hz–18 kHz | 90.5 dB | 3.6 kHz | 8" polypropylene | N/A | 1" dome | Optional | 18x10x11.62 | 31 | Electro/mech/acoustical dampening; align signal path | \$1,948 |
| X-Vision Audio | Amber Active | N/A | Powered | 38 Hz-2 kHz (+/-2 dB) | 91 dB 1W/1m @ 0.5% THD | N/A | 10" dual coil, long excursion | N/A | N/A | No | 11.5x16.5x12 | 52 | Sub | \$1,199 each |
| X-Vision Audio | Amber HR Active | N/A | Powered | 32 Hz-2 kHz (+/-2 dB) | 91 dB 1W/1m @ 0.5% THD | N/A | 10" dual coil, long excursion | N/A | N/A | No | 15x19x13.75 | 63 | Sub | \$1,399 each |
| X-Vision Audio | Black HR Active | N/A | Powered | 43 Hz-20 kHz (+/-2.5 dB) | 89 dB 1W/1m @ 0.35% THD | N/A | 6.75" polypropylen | N/A | 1" textile dome | Yes | 15x8.25x10 | 18 | Biamped; shielded | \$1,730 |
| X-Vision Audio | Blue HR Active | N/A | Powered | 37 Hz-20 kHz (+/-2.0 dB) | 90 dB 1W/1m @ 0.3% THD | N/A | (2) 7" carbon | N/A | 1.1" silk dome | No | 19x10x12 | 40 | Biamped | \$3,598 |
| X-Vision Audio | Cyan HR | N/A | Powered | 36 Hz-20 kHz (+/-2.5 dB) | 91 dB 1W/1m @ 0.3% THD | N/A | (4) 7" carbon | (2) 5.5" polypropylene | 1.1" | No | 26.75x22x15.75 | 85 | Triamped | \$6,798 |
| X-Vision Audio | Orange HR | N/A | Powered | 38 Hz-20 kHz (+/-2.5 dB) | 90 dB 1W/1m @ 0.32% THD | N/A | (2) 7" carbon | (2) 3.12" paper | 1.1" | No | 20.5 x 13 x 13.75 | 50 | Triamped | \$3,578 |
| X-Vision Audio | Owl System | N/A | Powered | 42 Hz-20 kHz (+/-1.5 dB) | 90 dB 1W/1m @ 0.3% THD | N/A | (2) 7" carbon | N/A | (2) 1.1" silk dome | No | 15x15x12 | 45 | Biamped | \$3,449 |
| X-Vision Audio | Pink TV Active | N/A | Powered | 58 Hz-19 kHz (+/-2.5 dB) | 89 dB 1W/1m @ 0.4% THD | N/A | 5.5" paper carbon | N/A | 1" textile neodymium | Yes | 11.5x6.75x7.75 | 11 | Biamped; shielded | \$1,198 |
| X-Vision Audio | Violett HR Active | N/A | Powered | 48 Hz-20 kHz (+/-2.5 dB) | 89 dB 1W/1m @ 31% THD | 1.2 kHz | 7" carbon | N/A | 1.1" silk dome | No | 15x8.5x9.75 | 21 | Biamped | \$2,650 |
| X-Vision Audio | Yellow HR | N/A | Powered | 38 Hz-1 kHz (+/-2 dB) | 93 dB 1W/1m @ 0.5% THD | N/A | (2) 15" paper membrane | N/A | N/A | No | 26.75x31.5x15.75 | 85 | Sub | \$1,599 each |
| Yamaha | MS60S | Bass reflex | Powered | 20 Hz–20 kHz | 91 dB | 2.8 kHz | 8" treated paper | N/A | 0.75" horn loaded dome | Yes | 17.5x10.5x9.5 | 22 | 3-input mixer intergrated | \$1,258 |
| Yamaha | MSP5 | Bass reflex | Powered | 50 Hz–40 kHz | 101 dB | 2.5 kHz | 5" paper cone w/rubber surround | N/A | 1" titanium dome | Yes | 11x6.62x8.75 | 16.5 | | \$598 |
| Yamaha | MSP10/10M | Bass reflex | Biampified | 40 Hz–40 kHz (-10dB) | -6 dB to +4 (variable) | 2 kHz | 8" poly w/rubber surround | N/A | 1" titanium dome with waveguide | Yes | 16.56x10.4x12.31 | 44 | MSP10 black finish/ MSP10M high gloss maple finish | \$1,498/\$1,598 |
| Yorkville Sound | YSM-1 | Bass reflex | Unpowered | 40 Hz–20 kHz | 90 dB | 2.5 kHz | 6.5" stamped, proprietary, foam surround | N/A | 1" soft dome | Optional | 16x9.5x9 | 18 | 2" forward-firing port; binding posts; available in black or white | \$290 |
| Yorkville Sound | YSM11 | Ported reflex | Unpowered | 40 Hz-20 kHz | 90 dB | 2.5 kHz | 6.5" foam surround | N/A | 1" dome | Yes | 9x10x16 | 18 | | \$320 |
| Yorkville Sound | YSM1p | Ported relex | Powered | 40 Hz-20 kHz | 90 dB | 2.5 kHz | 6.5" foam surround | N/A | 1" soft silk dome | Yes | 11x10x16 | 25 | Biamped; environmental control EQ (switchable); XLR and 1/4" TRS inputs; front mounted power and clip lights; user defeatable limiting | \$640 |