

By Bill Evans

get that coupling...) so the point is moot. Here is a category we can all get behind. **FOH**



Company	Model	MSRP	Dimensions	Weight	FrequencyResponse	MaximumSPL	Power		Cabinet Design	DriverSize	Interfaces	OnboardProcessing
Bag End	PS18E-R	\$1,930	22" x 22" x 18"	70 lbs	8 Hz - 95 Hz	122 dB	1000		Sealed ELF	18"	XLR Power con	None, Requires Infra Processor
	PD18E-R	\$3,060	42" x 22" x 18"	135 lbs	8 Hz to 95 Hz							
	PD18E-R	\$3,060	42" x 22" x 18"	135 lbs	8 Hz to 95 Hz							
	PQUARTZ-R	\$5,750	40" x 30" x 31"	247 lbs	8 Hz - 95 Hz	1235 dB	2000			4 x 18"	XLR Power Con	
Carvin	LS1801NA	549.99	23.5Hx19.75wx22.75D	62 lbs	30Hz to 80Hz (or 120Hz)	128dB	700W (1400W peak)		Bass-reflex	18inch	XLR and 1/4 inputs. Male XLR for chaining and switch able high pass filter. Volume control Crossover switch able to 80Hz, 120Hz, or wide open.	Internal clip activated limiters. 3rd order 30Hz low cut filter. 4th order linkwitz-riley low pass crossover.
Cerwin-Vega	CVA-115	\$799	24.7" x 20.5" x 23.8" (HxWxD)	92 lbs	43 Hz - 135 Hz (3 dB)	130dB	1200w peak		Front loaded, ported	15"	Inputs XLR/F Balanced (x2), Outputs XLRM (x2) XLR/M Slave, Master/Slave output allows for daisy-chaining multiple subs reduces cable connections	On-board cross-over with variable low-pass and selectable high-pass filter controls : HPF 4-Way (65 Hz, 85 Hz, 130 Hz or Bypass), variable LPF 65 to 130 Hz, polarity 0 - 180 degrees,
	CVA-118	\$899	25" x 21" x 23.5" (HxWxD)	115 lbs	41 Hz - 135 Hz (3 dB)	131dB	1400w peak	18"				
	CVA-121	\$1,499	31.75" x 24" x 23.5" (HxWxD)	180 lbs	35 Hz - 135 Hz (3 dB)	135dB	2400w peak	21"		On-board cross-over with variable low-pass and selectable high-pass filter controls : HPF 4-Way (65 Hz, 85 Hz, 130 Hz or Bypass), variable LPF 65 to 130 Hz, polarity 0 - 180 degrees, + On-board Parametric Equalizer allows control of performance output by control of the gain, frequency and Q		
DAS Audio	LX-212A	\$3,591	19x20x34	110 lbs	45Hz - 138Hz	136dB	1800W RMS		6th order Band pass design	2 x 12"	Amplifier includes variable low pass filter from 100Hz to 160Hz, "Cardoid Preset" switch for pairs of subwoofers	DSP
	LX-215A	\$4,012	20x35x25	139 lbs	45Hz - 138Hz	140dB				2 x 15"		
	AVANT-118A	\$2,223	33x24x26	121 lbs	Loud: 50Hz - 142Hz - Deep: 45Hz - 138Hz	136dB	1250W RMS		Rear loaded bass horn	1 x 18"	Amplifier includes Deep/Loud EQ switch	
FBT USA	FBT Hi Maxx 100sa	\$2,300	20.8"w x23"h x 27"d	92 lbs	36hz - 120hz	135dB	1800 w Continuous		Vented Bandpass	18" Dual Coil	L&R Balanced XLR in/ outs, Filtered XLR outs, Volume control, Ground lift switch.	Built in Active Stereo Crossover, Active analog signal processing. Active limiter circuitry, FBT's ADAP component protection circuitry
ISP Technologies	XMAX 118	\$2,310	24W X 31.5H X 21D	115 lbs	38Hz - 100Hz	129db	1000 watts RMS		13 ply baltic birch bass reflex	18 inch	XLR Inputs Left and Right XLR outputs Left and Right, XLR High Pass for Left and Right Outputs	24bd per octave internal low pass and high pass outputs for both left and right outputs
	XMAX 212	\$4,675	24W X 45.75H X 45D	225 lbs	35Hz - 100Hz	136db	1000 watts RMS	13 ply baltic birch Horn Loaded	2x12 inch			
	XMAX 415	\$4,919	29.75W X 45.8H X 31.25D	200 lbs	33Hz - 110Hz	137db	2000 watts RMS	13 ply baltic birch bass reflex	18 inch			
	XMAX 218	\$4,180	48W X 22.5H X 30D	230 lbs	28Hz to 120Hz	137db	2000 watts RMS	Bass reflex 13 ply baltic birch	dual 18 inch with 4 inch voice coils	stereo XLR input, stereo XLR output, stereo XLR high pass out-puts internal crossover can be bypassed for use with external crossover	24db per octave Linkwitz Riley crossover for lowpass and stereo high pass outputs	
JBL Professional	VT4880ADP	\$8,999	48.4"x19.9"x39.8"	219 lbs	29-120 Hz +/- 3dB	143dB	6900W peak, 3500W cont		Centrally-vented, front loaded	2x18" 2269G dual voice coils	XLR audio input, Powercon AC. Optional HiQnet input modules (analog or digital) for remote control & monitoring with System Architect software.	dbx Type IV A-to-D conversion, DSP bandpass filters, pre-e.q., limiters, self-test function.
	VT4881ADP	\$5,169	31"x22.4"x31.5"	137 lbs	34-125 Hz +/- 3 dB	131dB	3600W peak, 1800W cont	Front-loaded, dual ported	1x18" 2269G dual voice coil			
	VRX 918SP	\$2,299	20" x 23.5" x 29.5"	85 lbs	34-220 Hz, +/- 3 dB	126dB	1500W peak, 750W cont	Front-loaded, ported	1x18" 2268H dual voice coil	XLR audio, Powercon AC	DSP-based system opimization, pre-e.q., limiting, crossover.	
	VPSB7118DP	\$4,999	20.25" x 27.63" x 32"	129 lbs	39-145 Hz +/- 3 dB	129dB	3600W peak, 1800W cont		1x18" 2268G daul voice coil	XLR audio input, Powercon AC. Optional HiQnet input modules (analog or digital) for remote control & monitoring with System Architect software.	dbx Type IV A-to-D conversion, DSP bandpass filters, pre-e.q., limiters, self-test function.	
Mackie	TH-18s	\$879.99	20.2" x 24.1" (h) x 25.3" (d)	73 lbs	35 Hz - 150 Hz (-10 dB)	129dB	Integrated 1000W Peak / 500W RMS Class-D Amplifier		Void-Free Plywood	18 inch	Stereo XLR Input, Stereo Full Range / High Pass XLR Output	Active crossover, EQ, limiting and protection
	HD1501	\$1,099.99	18.25" (w) x 20.0" (h) x 25.0" (d)	80 lbs	36 Hz - 145 Hz (-10 dB)	131dB	Integrated 1200W Peak / 600W RMS Class-D Amplifier	Birch Plywood	15 inch			
	HD1801	\$1,249.99	23.0" (w) x 23.0" (h) x 25.8" (d)	106 lbs	35 Hz - 145 Hz (-10 dB)	133dB	Integrated 1600W Peak / 800W RMS Class-D Amplifier	Birch Plywood with Fly Points	18 inch			
Martin Audio	ASX		47" x 24" x 47"	353 lbs	30Hz to 150Hz	152dB	8500 watts		Hybrid Horn Loaded Reflex design	21 inches 21 inches	Female XLR input, male XLR link output. DSP CONTROL INPUT RS485 PORT RJ45 socket	The loudspeaker shall incorporate an integral Class D amplifier module with a peak output power of 8500W, a DSP system and a differential pressure sensor.
Meyer Sound Labs	700-HP UltraHigh-Power Subwoofer	\$8,100	45.93" w x 22.50" h x 30.00"d	204 lbs	30 Hz - 125 Hz ±4 dB	139dB	2250 W (1125 w / channel)		Multi-ply hardwood with black textured finish	Two 18" cone drivers	Differential, electronically balanced input, uses Female XLR input with male XLR loop output or VEAM all-in one (integrates AC, audio and RMS network).	The 700HP's internal processing takes care of optimizing the subwoofer's bandpass and limiter protection to get the most power possible out of the mechanical parts of this loudspeaker.
Outline s.r.l.	SUBTECH 218 SP		110x65x60 cm (HxWxD)	176 lbs	35-350Hz (+ - 3db)	137dB cont. - 143dB peak	2x1050W @ 8 ohm (1kHz, 1%THD EIAJ)		Bass reflex	2x18"	Signal: XLR male/female --Main Power: Powercon male/female	-
Peavey	P											