

B-52



B-52 PRO & GUITAR



HEAR IT. FEEL IT.



Thank you for your interest in B-52 Professional. Twenty-eight years ago, my son and I purchased a small table saw and single sheet of plywood from a hardware store. We spent seven hours building our first speaker cabinet. I remember that day vividly because we didn't just set out to build a speaker cabinet - we were determined to create a great one. Within 24 hours, we presented the cabinet sample to local distributors in downtown Los Angeles. We took orders for more than a hundred of them, and that is how it all started.

Almost three decades later, my son Avi and I are still at it. Proudly, B-52 now sells tens of thousands of products each year and our relentless pursuit of excellence, just as with our very first cabinet, is applied to each and every product we offer today. We have earned our reputation by offering innovation and reliability at a fair price, with the sort of customer service you should expect from a family owned company. We stand by our products and care about our customers.

Inside this catalog you will find more than 70 innovative and technologically advanced sound systems for live sound, mobile DJ, sound reinforcement, permanent installations and guitarists of every level. All B-52 products are designed by a team of well-respected engineers and audiophiles who share our commitment to innovation and product excellence.

Today more than ever, customers are going to invest in products that have the highest quality, offered at the best price and backed by a warranty they can rely on.

I am proud that every new and existing B-52 product more than meets these requirements.

This year marks the largest expansion of the B-52 product line in our history. The new US-SERIES rack-mount amplifiers offer a robust design, great look and dollar to watt ratio that's hard to match. The new STORM active plastic cabinets combine our proprietary high-efficiency class G amplification with impressive performance and amazing price points. The new ACTIVE MX-SERIES is a great expansion to our best selling and most affordable line of MX passive models.

The new PRODIGY is a cost-reduced version of the PRODIGY FX, which took the DJ industry by storm in 2008. We also expanded our assortment of active and passive folded-horn subwoofers which will continue to give our competitors a run for their money. And, finally, the new LS-Series and ATX line of guitar amplifiers will set a new standard for both solid-state and all-tube amplification.

To learn more about B-52, please spend time browsing our catalogs, visit our website at www.B-52PRO.com or call us at 800-344-4384.

Thank you again for your interest in B-52.

Eli El-Kiss
President

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POWER AMPLIFIERS

We at B-52 believe in overbuilding all of our products and the US-Series Professional Power Amplifiers are no exception. We took our time in designing these stellar looking amps to outperform the competition on any stage, in the clubs and on the road. To achieve studio quality audio reproduction we utilized low noise, low distortion circuitry and high current output stages. We used oversized toroidal transformers and large filter capacitors to deliver super clean, fist pumping output even when driving a 2 ohm speaker load. These amplifiers use the most reliable linear output devices which provide ultra low distortion and ruler flat frequency response. The US-Series is backed by our rock solid 3-year warranty and our commitment to reliability known the world over.



The Beauty of Power.

- Compact size - up to 3200 watts in 2 rack spaces
- High-current toroidal transformers for greater 2-ohm power
- 21-position detent gain control knobs for consistent settings
- Front panel LED display: Power, bridge and parallel LEDs and signal, -20dB, -10dB, 0dB, clip and protect LEDs for each channel
- Protection: short circuit, output current limiting, thermal, DC offset, turn on/off muting, RF protection and circuit breaker
- Clip limiters reduce distortion without sacrificing peak performance (defeatable on US-3000/US-4000)
- Sub-sonic filters protect speakers and increase headroom (defeatable)
- Balanced combo XLR and 1/4" TRS input connectors and link XLR output connectors
- 5-Way binding post and Speakon™ outputs
- Low-noise cooling fans with continuously variable speed and highly efficient front-to-rear forced air keeps the amplifiers cool

US-1200 US-1800 US-3000 US-4000

STEREO BOTH CHANNEL DRIVEN				
8 Ohms	200 watts	300 watts	500 watts	700 watts
4 Ohms	300 watts	450 watts	750 watts	1100 watts
2 Ohms	430 watts	700 watts	1200 watts	1600 watts
BRIDGED MONO				
8 Ohms	600 watts	900 watts	1500 watts	2200 watts
4 Ohms	850 watts	1400 watts	2400 watts	3200 watts
Input Sensitivity	1.23 (+4 dBu) for full power @ 4 Ohms			
Input Impedance	30K ohms Balanced/15K ohms Unbalanced			
Input CMRR (1 kHz)	Better than 60dB			
Frequency Response	0/-0.5dB: 20Hz - 20kHz; 0/-3dB: 5Hz - 60kHz			
Signal to Noise Ratio	Better than 100dB (20Hz - 20kHz)			
Distortion (SMPTE-IM)	Less than 0.03%			
Output Circuitry	AB	AB	H	H
Cooling	Continuously variable speed fan, front to rear			
Protection	Short circuit, thermal, limit, DC offset, current inrush, RF protection, turn on/off muting			
Connectors	Input: Combo female XLR & 1/4" phone jack Link: Male XLR Output: Both 5-way binding post and Speakon™			
Controls	Front: Power on/off switch, volume controls for each channel Rear: Mode switch (stereo / parallel / bridge), HPF on/off, Limiter on/off (US3000/4000)			
Indicator	Power, parallel, bridge. Each channel: Signal, -20dB, -10dB, clip, protect			
Power Requirements	115/230V 60/50Hz factory configured			
Dimensions (W x H x D)	19" (482mm) x 3.5" (88mm) x 17.2" (438mm)			
Net Weight	29.8lb (13kg)	35lb (16kg)	43.1lb (19kg)	49lb (22kg)

PRODIGY

The PRODIGY is a streamlined version of the PRODIGY FX. While a few features such as the digital effects, mic reverb and flightcase are not included, most importantly, still present are fast and reliable CD players with full MP3 capabilities and slot-in mechanisms, incredibly versatile 4-channel VCA mixer, touch sensitive (not pressure sensitive) jog wheels, fader start, IPR, seamless loop, master tempo, 2 mic inputs, independent CD direct outputs for use with all time coded systems and a crossfader curve control to name just a few of the PRODIGY'S impressive features. *Also gone is about 33% of the price tag!*

PRODIGY FLIGHTCASE

This professional ATA flight case is designed to protect the PRODIGY workstation and will withstand the rigors of the road – sold separately.

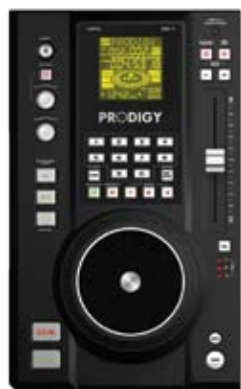


prod-i-gy [prod-i-jee]

1. A person having extraordinary talent or ability: a musical prodigy.
2. Something wonderful or marvelous; a wonder.
3. B-52's revolutionary DJ workstations.

We had only one choice when naming our ground-breaking, all-in-one professional DJ workstations. The PRODIGY systems are a true reflection of their definition.

Professional Dual CD-MP3 Player / 4-Channel VCA Mixer



Prodigy CD Player, Mixer and Rear Panel



CD/MP3 PLAYER Plays all formats of CD, CDRW and MP3 files with full functionality • Dual mode touch sensitive jog wheel • Seamless loop with on-the-fly access to loop editing • Independent buffer memory anti-shock for each player • Pitch control & master tempo with up to +/- 100% shift range • Oversized LCD display with wide viewing angle and brightness control • True instant start for both CD and MP3 operations • Easy MP3 file search by folder, file name, title or artist • Direct keypad access to tracks on each CD player • Auto BPM or manual TAP tempo • Three hot cue points • Three independent memory banks can remember up to 1500 cue points per CD player • Integrated fader start • Slot loading transports with green LED illuminator • IPR - Independent Player Reset for each CD/MP3 player provides fail-safe disk jamming protection • Built-in memory to save settings (memory is upgradeable) **VCA MIXER** 4-channel VCA mixer with flexible input configurations • Premium quality crossfader • Effects loop with independent assign button on each channel • Hamster switch • Rotary crossfader curve control • 10 segment tri-colored LED metering on master section • Master MONO switch • 3-band EQ on each channel with -∞ to +12dB range • Dual mode SPLIT/BLEND headphone monitoring **CONNECTIONS** 4 LINE, 2 PHONO, 1 MP3 and 2 XLR / 1/4" MIC inputs • Balanced master XLR outputs plus booth, master, & record RCA outputs • CD direct outputs for use with time coded systems such as Serato™ and TORQ™ • Fan cooling for improved thermal performance • 115 and 230 volts selectable power for worldwide use

PRODIGY^{FX}



The PRODIGY FX features two scratching CD/MP3 players with high resolution touch sensitive jog wheels and a 4-channel VCA mixer. The PRODIGY FX is loaded with an extraordinary feature set including a wide array of DSP effects with parameter controls (you can select up to 4 effects simultaneously), pitch control,

master tempo, seamless loop, sampler, hot cues, integrated fader start, 3 MIC inputs – two with dedicated DSP reverb, Accutrack™ dual rail VCA crossfader with curve control, effects loop, IPR-independent power reset for each CD player and all of the necessary connections for integrating Serato Scratch Live™, Synchroscope TORQ™ and all other time coded systems.

precision for your passion.

Professional Dual CD-MP3 Player / VCA Mixer with Accutrack™



CD/MP3 PLAYER Plays all formats of CD, CDRW and MP3 files • Dual mode high resolution touch sensitive jog wheel • Seamless loop with on-the-fly access to loop editing • Independent buffer memory anti-shock for each player • Pitch control & master tempo with up to +/- 100% shift range • Oversized blue LCD display with wide viewing angle and brightness control • True instant start for both CD and MP3 operations • Easy MP3 file search by folder, file name, title or artist • Onboard DSP effects with multi-mode scratching, auto and manual filter and phase shifting as well as flange, echo, trans, pan, & reverse • User-friendly beat synchronization for DSP effects • Auto BPM or manual TAP tempo • Three hot cue points • Three independent memory banks can remember up to 1500 cue points and/or samples • Integrated fader start • Slot loading transports with blue LED illuminator • IPR - Independent Player Reset for each CD/MP3 player provides fail-safe disk jamming protection • Built-in memory to save settings (memory is upgradeable)

VCA MIXER 4-channel VCA mixer with flexible input configurations • Dedicated DSP reverb and talk-over on MIC channels • Dual rail premium quality Accutrack™ crossfader • Effects loop with independent assign button on each channel • Hamster switch • Rotary crossfader curve control • 3-band EQ on each channel with -∞ to +12dB range • Kill switches for low, mid and high on each channel • Dual mode SPLIT/BLEND headphone monitoring • 10 segment tri-colored LED metering on inputs and outputs • Master MONO switch **CONNECTIONS** 4 LINE, 2 PHONO, 1 MP3 and 3 XLR / 1/4" MIC inputs • Balanced master XLR outputs plus booth, master, record & master digital RCA outputs • Independent digital SPDIF outputs for each player • Fan cooling for improved thermal performance • 115 volts and 230 volts selectable power supply for worldwide use



PRODIGY FX CD Player, Mixer and Rear Panel



PROFESSIONAL ATA
FLIGHT CASE INCLUDED

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MATRIX-2000

1200-WATT ACTIVE SYSTEM 18" SUB & 2x12" SATELLITES

The MATRIX-2000 is a complete sound reinforcement solution consisting of two 12" two-way speakers and an 18" subwoofer, equipped with a built-in 1200-watt three-channel amplifier. The three-channel amplifier houses all the electronics required to run the system including electronic crossovers, equalization and compressors. The electronic circuitry is fine tuned to match all of the speaker components for the best possible sound. The MATRIX-2000 is designed for easy operation, as you do not need to tweak frequencies or finesse complicated compressor settings. To set-up the system simply connect the XLR right and left signal cables, speaker cables and powercord and you're ready to perform!

MATRIX-2000 SPECIFICATIONS

- System amp output: 1200 watts
- Subwoofer amp output: 600 watts
- Satellite amp output: 2 x 300 watts
- Subwoofer: 18" cast frame, 4" voice coil custom subwoofer
- Mid-frequency: 2 x 12" custom built transducers
- HF driver: 1" titanium diaphragm compression driver on constant directivity horn
- HF dispersion: 90° x 40°
- Subsonic filter: 18 dB/Octave @ 30 Hz
- Active x-over freq.: 120 Hz; 24 dB/octave
- Passive x-over freq.: 1.6K Hz; 12 dB/octave
- Line In / Parallel Out: XLR connectors
- System freq. response: 30-19K Hz +/- 3dB
- Subwoofer freq. response: 30-120 Hz +/- 3dB
- Satellite freq. response: 120-19K Hz +/- 3dB
- Speaker output: Speakon™ connectors
- Max. SPL: 129 dB
- Power requirements: 115V/230V, 60/50Hz
- Dimensions: 23" (H) x 14" (W) x 13" (D) - Sats
35" (H) x 28" (W) x 23" (D) - Sub
- Weight: 42 lbs — each satellite
160 lbs — subwoofer
244 lbs — system

MATRIX-1000V2 & MATRIX-2000 SUGGESTED APPLICATIONS

Mobile DJ • Karaoke • Nightclub, Restaurant, Bar Install • Corporate Audio / Video • Home Entertainment System
• Live Sound System • Stage Monitoring System • Booth Monitoring System



B-52 18-220S SUBWOOFER

Power handling: 1000 watts • 4-layer, 4" diameter voice coil • Vented motor for superior cooling • Double spider, anti-rocking suspension • Cast-aluminum frame

HIGH-FREQUENCY

DEVICE Constant directivity horn coupled to a 1" titanium diaphragm compression driver

ADVANCED VCA COMPRESSOR



The VCA compressor allows for impressive SPLs while minimizing the risk of damage to the system.

BUILT-IN THREE-CHANNEL 1200-WATT AMPLIFIER

The 18" subwoofer enclosure is divided into two separate compartments. The front chamber serves as the cabinet for the cast-framed, 4" voice coil, 18" subwoofer. The rear chamber houses all of the system's electronic circuitry, which includes the amplification for all three components, power supply, compressor and preamps.

<< FREE DUST COVERS



V2 UPGRADES: THE BEST JUST GOT BETTER

- High-performance compression driver for a smoother frequency response and lower distortion throughout the upper midrange frequencies
- Elliptical wave guide with more uniform dispersion
- Voltage controlled amplifier (VCA) on all three amplifier channels minimizes the effects of amplifier clipping. This lowers the maximum distortion produced at very high drive levels and offers protection for the speaker components
- Durable *FREE* dust cover
- Improved B-52 handles

HIGH-FREQUENCY DEVICE

The titanium diaphragm compression driver is mounted to an elliptical wave guide resulting in improved on-axis and off-axis coverage. The wave guide is rotatable for a choice of two high-frequency dispersion patterns.

BUILT-IN THREE-CHANNEL 700-WATT AMPLIFIER

The 15" subwoofer enclosure has two separate compartments. The front chamber serves as the cabinet for the custom B-52 15" subwoofer. The rear chamber houses all of the MATRIX-1000 V2's electronic circuitry. This includes a 400-watt amplifier for the subwoofer, 2 x 150-watt amplifiers for the satellites, electronic crossover, VCA compressor, electronic equalization, pre-amp and power supply.

MATRIX-1000



700-WATT ACTIVE SYSTEM 15" SUB & 2x10" SATELLITES

The MATRIX-1000 V2 is a complete sound reinforcement solution comprising of two 10" two-way satellites, a dedicated 15" subwoofer and a built-in three-channel 700-watt power amplifier. The three-channel amplifier features three distinct volume controls, electronic crossover with equalization and a VCA compressor. The circuitry is designed and fine-tuned to integrate all components for the best possible sound. There is no need to finesse settings on a crossover or compressor to make your system sound great. Simply roll the system into place on its heavy duty casters, plug in the AC, connect the two speaker cables, run two XLR cables to your mixer and you're ready to go!

MATRIX-1000 V2 SPECIFICATIONS

System amp output:	700 watts
Subwoofer amp output:	400 watts
Satellite amp output:	2 x 150 watts
Subwoofer:	15" custom-built transducer
Mid-frequency:	2 x 10" custom built transducers
HF driver:	1" titanium diaphragm compression driver on elliptical wave guide
HF dispersion:	90° x 60° (upright)
Subsonic filter:	18 dB/octave @ 40 Hz
Active x-over freq.:	120 Hz; 24 dB/octave
Passive x-over freq.:	2.5K Hz; 12 dB/octave
Line In / Parallel Out:	XLR connectors
System freq. response:	40-19K Hz +/- 3dB
Sub freq. response:	40-120 Hz +/- 3dB
Sat freq. response:	120-19K Hz +/- 3dB
Speaker output:	Speakon™ connectors
Max. SPL:	127 dB
Power requirements:	115V/230V 60/50Hz
Dimensions:	19" (H) x 12" (W) x 11" (D) - Sats 19" (H) x 32" (W) x 23" (D) - Sub
Weight:	39" (H) x 19" (W) x 23" (D) - Sys 30 lbs. — each satellite 120 lbs. — subwoofer 180 lbs. — system

<< FREE DUST COVER

MATRIX-600

600-WATT ACTIVE SYSTEM POWERED STEREO MIXER WITH DSP & 2x10" 3-WAY SATELLITES

The MATRIX-600 is the first compact all-in-one system so rich in performance it will leave you looking for a hidden subwoofer. The custom designed, high-fidelity 10" 3-way speakers are powered by a robust 2x300 Watt RMS stereo power amplifier that incorporates specialized equalization and limiter circuitry to enhance the performance of the loudspeakers. The result is an astonishingly clean and accurate sound unattainable from traditional 2-way systems. The MATRIX-600 is a compact yet powerful system that delivers maximum SPL, a ruler flat frequency response and a wide dispersion pattern. With its exceptional performance, bullet-proof reliability and amazing value, the MATRIX-600 has set a new standard for our competition to follow. *Again...*

7-CHANNEL MIXER FEATURES

- Pan, 3-band EQ, monitor level and effect LEVEL controls on each channel (Ch. 1-5)
- Channels 1-4 with balanced, combo 1/4" & XLR mic inputs & balanced 1/4" jack line level inputs
 - 48Vdc phantom power on balanced combo 1/4" & XLR inputs for condenser microphones
- Channel 5: Stereo input channel with high impedance 1/4" stereo input to connect variety of stereo sources & combo 1/4" & XLR inputs to connect either mono acoustic instrument with a pick-up or a low impedance dynamic mic
- Channel 6: Stereo input channel for stereo sources
 - Dual stereo inputs with 1/4" TRS and 3.5mm mini-jack to connect any 2-channel source
 - 3-band EQ, monitor level and effect level controls
- Channel 7: House input with stereo RCA connectors and a dedicated level control
- Stereo RCA record outputs
- Switchable XLR subwoofer output
- Monitor output (1/4" jack)
- Dedicated headphones amp with level control and routing to main and monitor
- LED indicators on output



INCLUDED ACCESSORIES

- Two 20' speaker cables (with 1/4" plugs)
- Two speaker covers
- One mixer/amplifier carrying bag

24-BIT DIGITAL EFFECTS

The customized 24-bit, 16-position digital effects provide powerful routing to MAIN, MONITOR and RECORD outputs allowing you to conveniently incorporate the effects into your mix. Use the Parameter control to explore a wide gamut of sounds.



STEREO POWER AMPLIFIER

- Output stage with discrete output devices - not integrated IC amps
- 2 x 300w RMS with high headroom
- Efficient cooling, utilizing a large heatsink and two direct-flow fans
- Dual voltage (115/230V) switch
- Comprehensive amplifier and speaker protection circuitry
- Built-in high quality stereo clip limiters
- Combo Speakon™ / 1/4" connectors on both amp outputs and speakers

3-WAY LOUDSPEAKERS

- 3-way rear-ported speakers out-perform traditional 2-way designs
- 10" high excursion woofer for extended and tight bass
- 6.5" midrange provides clarity and wide coverage area
- 1" exit phenolic tweeter on exponential horn
- Light bulb protection circuitry on the tweeters
- Built in suspension points for permanent installation
- 16-gauge steel grilles, rubber feet, pole mounting cup and ergonomic top handle

MATRIX-200



LOUDSPEAKERS

- High power dual 6.5" woofers
- 1" compression driver (no piezos)

- Advanced crossover design with light-bulb protection circuitry on the tweeters
- Pole-mounting cup



24-BIT DIGITAL EFFECTS

Built-in, 24-bit, 8-position digital effects with a level control on each channel allows you to conveniently incorporate the effects into your mix. Effects offered:

- Chorus • Chorus/reverb • Slap-back • Echo • Large room • Small room • Small hall • Large hall

MATRIX-200 REAR PANEL

Speaker Outputs: Two 100-watt full-range outputs. The frequency response is equalized to optimize the acoustic performance of the MATRIX-200 speakers.

Subwoofer Output: Switchable XLR allows you to add a powered subwoofer to extend the low frequency range.

Headphones: A 1/4" TRS phone jack stereo output is included for monitoring by headphones.



200-WATT ACTIVE SYSTEM POWERED STEREO MIXER WITH DSP & TWO DUAL 6.5" SATELLITES

The MATRIX-200 is the most compact member of our popular B-52 MATRIX family of active systems. Compact, powerful and portable the MATRIX-200 delivers clean, accurate sound ideal for both stage and music playback applications. The MATRIX-200 has a true 200-watt RMS stereo amplifier, built in 5-channel mixer, studio-quality digital effects, phantom power and numerous patch inputs / outputs.

STEREO POWER AMPLIFIER FEATURES

- 2x100w RMS with high headroom
- Output stage with discrete devices, not integrated IC amps
- Comprehensive amplifier and speaker protection circuitry
- Built-in stereo clip limiters
- Equalization customized to enhance and optimize speaker system performance
- Output for stereo headphones on rear panel
- Very efficient cooling, utilizing a large heatsink and two direct flow fans
- Dual voltage selector switch

5-CHANNEL MIXER FEATURES

- Four channels with both balanced XLR mic inputs and unbalanced 1/4" jack line level inputs
 - 15Vdc phantom power on balanced XLR inputs for condenser microphones
 - Pan, tone and effects level controls
- One stereo input channel for stereo sources
 - Dual input with 1/4" TRS jack and 3.5mm Jack to connect 2-channel source
 - Dedicated mono 1/4" jack instrument input for acoustical instruments
 - Pan/balance, tone and effects control
- Low distortion, low noise circuitry
- Playback input/output RCA connectors with level control
- 3-band master EQ section



Speaker cables and suitcase included.

ACT-SERIES

ACT-18XV2

**1200-WATT ACTIVE
18" SUBWOOFER**

ACT-18XSV2

**1000-WATT PASSIVE
18" SUBWOOFER**

Our new generation of ACT-Series subwoofers are the ultimate solution for low frequency sound reinforcement. These innovative active subs deliver up to 135dB of deep, rich, chest pounding bass. At the heart of the ACT subwoofers is our award-winning 1200-watt class H amplifiers. The overbuilt amp design includes a compressor/limiter, subsonic filter, phase switch, stereo XLR inputs and both full-range and high-pass XLR outputs. The built-in 18dB/octave electronic crossover provides 70Hz, 100Hz and 140Hz settings allowing you to perfectly match your top cabinets to this subwoofer. What sets the ACT-18XV2 apart is its ability to **ALSO** power the passive ACT-18XSV2 subwoofer using the Neutrik™ output on the amplifier panel. Get one active and one passive – connect them together and feel the walls shake!

ACT-18XV2 AMP FEATURES

- 1200-watt RMS Class H amplifier
- 800 watts RMS @ 8 ohms (ACT-18XV2)
- 1200 watts RMS @ 4 ohms (ACT-18XV2 & ACT-18XSV2 connected)
- Frequency response: 30-140 Hz
- Built-in 18dB/octave electronic crossover with 70Hz, 100Hz and 140Hz settings
- Subsonic filter: 24dB/octave @ 30 Hz
- Built-in compressor / limiter
- XLR balanced inputs
- XLR balanced FR & HP outputs
- 0-180° phase switch
- Neutrik™ speaker output (ACT-18XV2)
- Full thermal & short circuit protection
- Oversized convection cooled heatsink for worry-free operation
- Power requirements: 115V/230V 60/50Hz



Ergonomic
B-52 handle
for easy lifting

ACTIVE POWERS PASSIVE

The ACT-18XV2 (active) subwoofer is designed to power an additional passive subwoofer (ACT-18XSV2). The passive subwoofer has the same physical dimensions as the active model. Connecting them together increases the available amp power from 800 to 1200 watts. An additional 3dB SPL boost is achieved if subs are placed near each other.



BLACK CARPET FINISH WITH
TILT-BACK HANDLE & 3" CASTERS



CABINET FEATURES

- Made in the U.S.A.
- Superior grade 13-ply Baltic birch plywood
- Heavy-duty scratch resistant durable black paint finish (ACT-18XV2, ACT-18XSV2)
- Carpet finish with tilt-back handle & 3" casters (ACT-18V2, ACT-18SV2)
- 16-gauge perforated steel grille for maximum protection
- Steel pole-mounting cup
- Dimensions (W) x (H) x (D):
ACT-18V2 (carpet) - 24" x 32.5" x 22"
ACT-18XV2 (paint) - 22.5" x 30.5" x 24"
- Weight (lbs):
ACT-18V2: 117
ACT-18SV2: 99
ACT-18XV2: 110
ACT-18XSV2: 93



Superior
grade of
13-ply
Baltic Birch
plywood

B-52 18-220S SUBWOOFER

- Power handling: 1000 watts continuous
- 4-layer, 4" diameter voice coil
- Vented motor for superior cooling
- Double spider anti-rocking suspension
- Cast-aluminum frame



ACT-SERIES

CABINET FEATURES

- Made in U.S.A
- 13-ply Baltic birch construction
- Heavy-duty scratch resistant durable black paint finish (ACT-15X & ACT-1515X)
- Carpet finish (ACT-15 & ACT-1515)
- Tilt-back handle & 3" casters (ACT-1515)
- Steel pole-mount cup (ACT-15 & ACT-15X)
- 16-gauge perforated steel grille for maximum protection
- Aeroports lower distortion and increase output
- Dimensions (W) x (H) x (D):
ACT-1515(X): 21.25" x 48.5" x 18.5"
ACT-15(X): 19.75" x 32" x 18.5"
- Weight:
ACT-1515(X): 140 lbs
ACT-15(X): 95 lbs

BUILT-IN COMPRESSOR & EQUALIZER

The highly sophisticated compression circuitry in the ACT-15(X) & ACT-1515(X) allows for impressive SPLs while minimizing the risk of damage to either the amplifier or loudspeakers. The four-stage equalization network built into the amplifier acts as the perfect complement to the system's loudspeaker components.

ACT-15 & ACT-1515



BLACK CARPET FINISH WITH
TILT-BACK HANDLE & 3" CASTERS



ACT-15(X) & ACT-1515(X) FEATURES

- Class H amplifier with 2-stage power supply
- 1000 watts @ 4 ohms - ACT-1515(X)
- 600 watts @ 8 ohms - ACT-15(X)
- Max system SPL: 136dB - ACT-1515(X)
- Max system SPL: 130dB - ACT-15(X)
- Frequency response: 35-19K Hz - ACT-1515(X)
- Frequency response: 40-19K Hz - ACT-15(X)
- Amplifier rated THD: 0.03%
- Built-in compressor/limiter
- 4-stage loudspeaker equalization
- Amplifier S/N ratio > 100dB A-weighted
- Amplifier damping factor > 800
- Subsonic Filter: 24 dB/octave @ 30 Hz
- Power requirements: 115V/230V 60/50 HZ factory configured
- XLR balanced inputs (Pin 2 = +)
- XLR full range output
- Amplifier thermal & short circuit protection
- Signal sensing circuitry with LED indicators
- Oversized convection cooled heatsink for worry-free operation

The ACT-Series full-range systems are capable of producing rich, clear, sound at extreme SPLs. The ACT amplifiers employ sophisticated circuitry including four stages of equalization, a built-in compressor/limiter and short circuit/over-current protection. The ACT-Series has an extra high current output stage, which sets it apart from the competition, allowing for uninterrupted extended play.

ACT-15X & ACT-15

ACTIVE 600-WATT 15" TWO-WAY

The ACT-15(X) is a 600-watt single 15" two-way, ideal for use by itself or with an ACT-Series subwoofer for a powerful full-range system. Available in your choice of roadworthy black paint or black carpet finish.

ACT-1515X & ACT-1515

ACTIVE 1000-WATT DUAL 15" TWO-WAY

The B-52 ACT-1515(X) is a high-output dual 15" two-way active system capable of producing rich, clear, full-range sound at even extreme SPLs. The ACT-1515(X) is the perfect solution for permanent installations or mobile entertainers. Available in your choice of roadworthy black paint finish or black carpet finish with a tilt-back handle and 3" casters.



ARCHITECTURAL

COMPACT FULL-RANGE SYSTEMS

B-52's compact full-range Systems are the ultimate solution for mid-sized venues where maximum output is essential but spacial constraints are a factor. These systems are designed specifically for permanent installations in discotheques, churches, theme parks, corporate audio-visual or live sound applications. Each speaker is built for maximum SPL and sound clarity with a focus on both on-axis and off-axis coverage. All three compact and powerful models are optimized for mid/high frequency definition and a rich full-range response.

PA-212 12" TWO-WAY

The PA-212 is a versatile cabinet ideal for a wide variety of venues where limited space is a key factor. The PA-212 offers high-power handling and efficiency from an extremely compact enclosure. An exceptional three-way system can be achieved by combining any Architectural Series subwoofer.

PA-215 15" TWO-WAY

The PA-215 has excellent high-output and full bandwidth coverage from an extremely compact full-range cabinet. Components include a B-52 15-200 loudspeaker with a cast-aluminum frame, a precision-wound 4" polyamide voice coil and a 1" exit titanium diaphragm compression driver. The PA-215 is designed for those seeking a maximum output system that is modest in both size and weight.

PA-315 15" THREE-WAY

The PA-315 produces a remarkable full-range response with deep bass, smooth mids and pristine highs. It is ideal for venues where wide coverage and extremely high-output is required. The PA-315 utilizes a B-52 15-120 loudspeaker, an 8" midrange housed in a dampened and sealed sub-enclosure and a 1" exit titanium diaphragm compression driver mounted on a wave-guide.

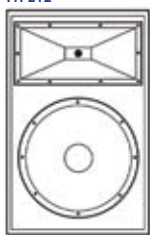


FLYING HARDWARE

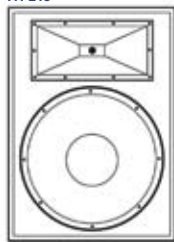


All Architectural full-range cabinets include certified 3/8" - 16 TPI flying hardware

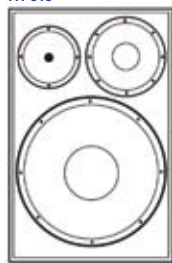
PA-212



PA-215

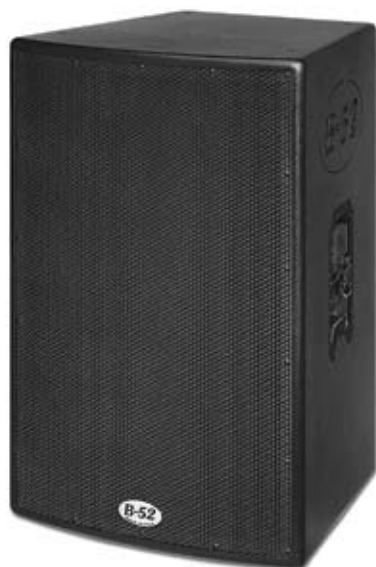


PA-315

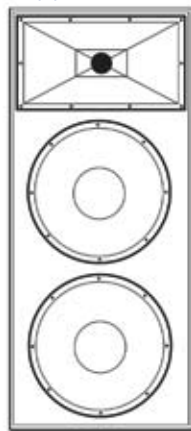


Model:	PA-212	PA-215	PA-315	PA-15X	PA-1515X
Nominal Impedance:	8 Ohms	8 Ohms	8 Ohms	8 Ohms	4 Ohms
Frequency Response:	50-19K Hz	40-19K Hz	40-19K Hz	40-19 Hz	35-19 Hz
High-Freq. Dispersion:	60° x 40°	60° x 40°	100°	90° x 40°	90° x 40°
X-Over Points:	1.6K Hz	1.6K Hz	500 & 2.5K Hz	1.4K Hz	1.4K Hz
Power Handling:	650 watts	650 watts	400 watts	650 watts	1300 watts
SPL @ 1w1m:	97dB	98dB	100dB	98dB	101dB
Peak SPL:	128dB	129dB	131dB	129dB	132dB
Dimensions (W" x H" x D"):	16 x 24 x 16	19 x 26 x 16	19 x 27 x 16	21 x 31 x 21	21 x 46 x 21
Weight (lbs):	53	73	84	94	143

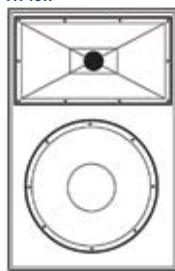
- Made in the U.S.A.
- High-temperature 4" polyamide voice coils
- Cast-aluminum frames
- 2" exit titanium diaphragm compression drivers
- 13-ply void-free Baltic birch construction
- Black scratch resistant paint finish
- Internal flying hardware (3/8" - 16 TPI)
- Internal bracings and acoustic dampening
- Enhanced-grip B-52 handles
- Pole-mounting cup (PA-15X)
- Dual Neutrik™ NL4 Speakon™ connectors
- Full-range/bi-amp selector switch



PA-1515X



PA-15X



TITANIUM COMPRESSION DRIVER



The COMP-3300 compression driver features a 2" exit pure titanium diaphragm with an impregnated polymer fiber surround for high sensitivity, low distortion and a smooth extended frequency response. An optimized aluminum phase plug prevents phase cancellation problems. High flux density magnetic assembly with copper shorting ring lowers distortion and reduces the voice coil self-inductance. The compression driver's base and cover are injected aluminum assuring high resistance.

ARCHITECTURAL

LARGE FULL-RANGE SYSTEMS

The PA-15X and PA-1515X are designed for the largest of venues where touring sound performance, immense power handling and strong, yet accurate projection is essential. Each speaker is designed to reproduce live sound and music replay with absolute sonic accuracy. They offer high-power, full-fidelity and an extended low-frequency response. Both models feature 4" voice-coiled loudspeakers and 2" exit titanium diaphragm compression drivers, which produce accurate mids and highs with solid projection and clarity.

PA-15X 15" TWO-WAY

The PA-15X provides high acoustic output with smooth mids and accurate highs that are not fatiguing to the ear. The PA-15X is ideally mated with a B-52 Architectural Series subwoofer for a high-power, full-fidelity system. The COMP-3300 2" exit compression driver is coupled to a large format horn for wide dispersion, while the B-52 15-200 4" voice-coiled loudspeaker delivers rock-solid low end. A full-range/bi-amp selector switch is included.

PA-1515X DUAL 15" TWO-WAY

The PA-1515X has a remarkable full-range response by combining rock-solid low end, smooth mids and detailed, yet pristine highs. Ideal for live sound and playback environments, the PA-1515X delivers the performance usually found in a subwoofer-equipped system. A full-range/bi-amp selector switch is included.

ARCHITECTURAL

LARGE VENUE SUBWOOFERS

B-52's direct radiating subwoofers are built for the largest of venues, where touring performance, immense power handling and thunderous bass is essential. The B-52 18-220S subwoofer is designed to withstand a tremendous amount of abuse such as amplifier clipping and overpowering, without failure. These subwoofers are mechanically engineered as true "subwoofers" in that they will naturally roll-off at 160 Hz even with a full-range signal. An electronic crossover is recommended.

PA-18S

18" PASSIVE SUBWOOFER

The PA-18S is a sound reinforcement subwoofer that can be used in a variety of permanent installs. The PA-18S produces deep, thundering bass with a usable frequency response down to 30 Hz. At the heart of this cabinet is the B-52 18-220S with a cast-aluminum frame and a precision-wound 4" voice coil.

PA-1818S

DUAL 18" PASSIVE SUBWOOFER

The PA-1818S is our largest passive direct-radiating subwoofer. It has two B-52 18-220S subwoofers with cast aluminum frames and high temperature 4" voice coils. Each subwoofer is housed in a separate compartment, reducing port noise and preventing loudspeaker interaction. With 2000 watts power handling, the PA-1818S complements any B-52 full-range system that needs to be both heard and felt.



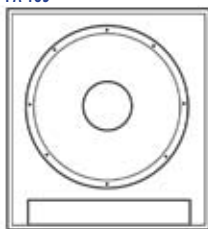
- Made in the U.S.A.
- Scratch resistant paint finish
- 4" high-temperature polyamide voice coils
- Cast-aluminum frames & vented magnet assemblies
- Enhanced-grip B-52 handles
- Pole mounting cup (PA-18S)
- 13-ply, void-free Baltic birch construction
- Dual Neutrik™ NL4 Speakon™ connectors

B-52 18-220S SUBWOOFER

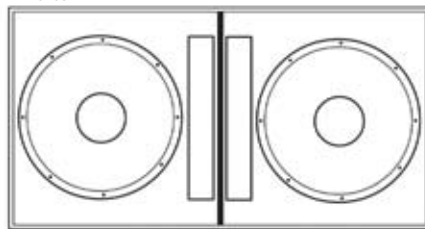
- Power Handling: 1000 watts continuous
- 4-layer, 4" diameter voice coil
- Vented motor for superior cooling
- Double spider anti-rocking suspension
- Cast-aluminum frame



PA-18S



PA-1818S



Model:	PA-18S	PA-1818S
Nominal Impedance:	8 Ohms	4 Ohms
Frequency Response:	30-160 Hz	30-160 Hz
Power Handling:	1000 watts	2000 watts
SPL @ 1w1m:	97 dB	100 dB
Peak SPL:	128 dB	131 dB
Dimensions (W" x H" x D"):	24 x 26 x 24	24 x 48 x 26
Weight (lbs):	100	177

- Made in the U.S.A.
- Cast-aluminum frames & vented magnet assemblies
- Titanium diaphragm compression drivers
- 13-ply Baltic birch construction
- Black paint finish
- Dual Neutrik™ NL4 Speakon™ connectors
- High-temperature polyamide voice coils



All B-52 full-range systems utilize flange porting. Flange porting results in a smoother sound wave since the inherent problems associated with the interaction between loudspeakers and ports are virtually eliminated. This design smoothes the air flowing in and out of the cabinet, reducing port turbulence and exit noise inherent to conventional porting. The Aeroport increases linearity, lowers distortion, reduces harmonic distortion and provides an increase in overall output.



STAGE MONITORS

The PA-MN 12 and PA-MN 15X are dedicated stage monitors with a cabinet shape that provides dual sitting positions for either close or medium-distance monitoring. Their compact size makes them perfect for performers that are reluctant to share the limelight with oversized monitors.

PA-MN 12 12" STAGE MONITOR

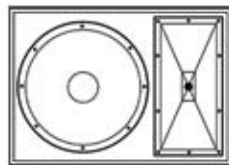
The PA-MN 12 is a compact and powerful stage monitor that delivers sound clarity that is not fatiguing to your ears. Components include a B-52 12-200 loudspeaker and a 1" exit titanium diaphragm compression driver.

PA-MN 15X 15" STAGE MONITOR

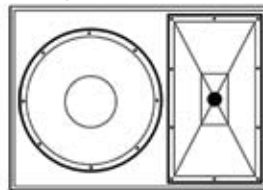
The PA-MN 15X is ideal for large stage applications. The COMP-3300 2" exit compression driver is coupled to a large format horn that delivers smooth mids and accurate highs. The B-52 15-200 4" voice coiled loudspeaker delivers clear mids and solid low end. The PA-MN 15X includes a full-range/bi-amp switch.

Model:	PA-MN 12	PA-MN 15X
Nominal Impedance:	8 Ohms	8 Ohms
Frequency Response:	50-19K Hz	40-19K Hz
High-Freq. Dispersion:	60° x 40°	90° x 40°
X-Over Points:	1.6K Hz	1.4K Hz
Power Handling:	650 watts	650 watts
SPL @ 1w1m:	97 dB	98 dB
Peak SPL:	128 dB	129 dB
Dimensions (W"x H" x D"):	25 x 15 x 17	29 x 19 x 23
Weight (lbs):	48	87

PA-MN 12



PA-MN 15X



SOUND CONTRACTORS DIVISION

B-52's Sound Contractors Division assists audio contractors and dealers in customizing any Architectural Series speaker system. This division is a small factory within our 100,000 sq/ft facility that can modify B-52 speakers within a short time. This includes modifying the physical dimensions and finish of any enclosure.



LX-SERIES

V3

LX-18EV3

COMPACT 18" PASSIVE FOLDED HORN SUBWOOFER

The LX-18EV3 delivers intense long-throw bass from a powerful, mobile and extremely affordable subwoofer. Ideal for live sound and music replay applications, the LX-18EV3 features the B-52 18-220X subwoofer. The made in the U.S.A. cabinet features 7-layer 3/4" plywood construction, reinforced internal bracings, and is finished with impact forgiving black carpet and 4" heavy-duty casters.



AT THE HEART OF THE BEAST

All B-52 folded-horn cabinets are loaded with the new B-52 18-220X subwoofer which provides high-power handling, great efficiency, very low distortion and accurate sound reproduction. Key features include:

- 4-inch "inside/outside" voice coil wound on both sides of the glass fiber coil former, providing more effective cooling through greater air contact
- The light weight and robust cast aluminum frame is shaped to minimize reflections on the back of the cone
- The entire loudspeaker is designed to work as a "heat sink" for extreme cooling efficiency
- The advanced magnet topology ensures an even distribution of magnetic flux throughout the whole magnet assembly, resulting in symmetrical motor movement preventing stray flux which can cause interference
- The glass-fiber impregnated cone incorporates a sealed surround and added edge-damping to greatly reduce the occurrence of unwanted cone resonances
- The vented magnet ensures constant air circulation to drive heat away from the magnet assembly



- Made in the U.S.A.
- Rugged, impact-resistant black carpet finish
- Void-free, 7-layer, 3/4" plywood construction for maximum durability and minimum weight
- Input connections: (2) 1/4" metal phone jacks and (1) Neutrik™ NL 4 Speakon™ connector
- Reinforced internal bracings are used to fortify the cabinet
- 4" heavy-duty casters
- Pole-mounting cup



BUILT-IN COMPRESSION CHAMBER

The 18" subwoofers are housed in a compression chamber that minimizes the excursion of the driver while maximizing the subwoofers' output. The optimally-sized acoustic aperture of the compression chambers forms the throat of the horn and helps force the air at an increased velocity and pressure. The compression chamber optimizes the horn's output, allowing for amazing output levels.

Model: **LX-18EV3**

Nominal Impedance: 8 Ohms

Frequency Response: 30-160 Hz

Power Handling: 1000 watts

SPL @ 1w1m: 108

Peak SPL: 138

Dimensions (W" x H" x D"): 24 x 37 x 32

Weight (lbs): 137



Combine the LX-18EV3 with the LX-1515V3 for a powerful mobile system



LX-SERIES **V3**

FOLDED HORN SUBWOOFERS

The LX-18AV3 (active) and LX-18V3 (passive) are the third generation of our powerful folded horn subwoofer design, hailed by music professionals for their reliability, performance and affordability. The V3 is bigger, louder and better. V3 improvements include a larger cabinet with an improved horn design and our new overbuilt class H amplifier. At the heart of these folded horn cabinets is the new 18-220X subwoofer which provides higher efficiency and an ultra-efficient heat management system which keeps the speaker cool even when driven at high SPLs.

LX-18AV3

ACTIVE 18" FOLDED HORN

The LX-18AV3 is powered by our award-winning 1200-watt class H amplifier. The overbuilt design includes a compressor/limiter, subsonic filter, phase switch, stereo XLR inputs and both full-range and high-pass XLR outputs. The built-in 18dB/octave electronic crossover provides 70Hz, 100Hz and 140Hz settings allowing you to perfectly match your top cabinets to this sub. What sets the LX-18AV3 apart is its ability to ALSO power the passive LX-18V3 subwoofer using the Neutrik™ output on the amplifier panel. Get one active and one passive – connect them together and feels the walls shake!

LX-18V3

PASSIVE 18" FOLDED HORN

The LX-18V3 takes the traditional folded horn design to the next level. The made in the U.S.A. cabinet is built to withstand the abuse of the road and is backed by a lifetime cabinet construction warranty. A specially-designed internal compression chamber provides intense, clean and controlled bass. At the heart of the LX-18V3 is the new B-52 18-220X with a cast-aluminum frame, massive 220 oz magnet, double spider anti-rocking surround and innovative 4" dual-layered, tempered voice coil.



EFFICIENT ALUMINUM HEATSINK DESIGN

The new aluminum heatsink design dissipates heat in the cabinet's compression chamber. This provides increased

thermal power handling, decreased power compression, increased output and cooler long-term operation.

All Made in the U.S.A. LX-Series cabinets feature a tilt-back metal bar handle and 4" heavy-duty for increased mobility. A lifetime cabinet construction warranty is provided.

LX-18AV3 AMP FEATURES

- 1200-watt RMS class H amplifier
- 800 watts RMS @ 8 ohms (LX-18AV3)
- 1200 watts RMS @ 4 ohms (LX-18AV3 & LX-18V3 connected)
- Frequency response: 30-140 Hz
- Built-in 18dB/octave electronic crossover with 70Hz, 100Hz and 140Hz settings
- Subsonic filter: 24dB/octave @ 30 Hz
- Built-in compressor/limiter
- XLR balanced inputs
- XLR balanced FR & HP outputs
- 0-180° phase switch
- Neutrik™ speaker output
- Full thermal & short circuit protection

Model: **LX-18V3**

Nominal Impedance: 8 Ohms

Frequency Response: 30-160 Hz

Power Handling: 1000 watts

SPL @ 1w1m: 108

Peak SPL: 138

Dimensions (W" x H" x D"): 24 x 39 x 36

Weight (lbs): 165

LX-SERIES V3

LX-1818V3

PASSIVE DUAL 18" FOLDED HORN

The LX-1818V3 delivers 2000 watts of earth-shaking bass. While the subwoofers are connected in parallel, precision-placed internal dividers allow each driver to fire into the throat of the horn without cancellation. Each subwoofer is housed in a compression chamber, allowing the subwoofers to produce tight, punchy bass without over excursion.



POWERFUL SUBWOOFER

The new 18-220X 18" subwoofer features a cast-aluminum frame, 220 oz magnet

structure, double spider anti-rocking surround, a bumped back plate for greater excursion and 4" dual-layered tempered voice coil. The voice coil is wound with 4 layers of 25-gauge copper wire, optimally sized for this motor.

SUPERIOR CABINET CONSTRUCTION

These subwoofers are built for the abuse of the road. Each roadworthy enclosure is constructed with 7-layer 3/4" plywood and reinforced internal bracings.

- Made in the U.S.A.
- An aluminum front panel heat sink dissipates heat in the subwoofer compression chamber. This provides greater power handling, more overall output and cooler long-term operation.
- The LX-1818V3 is finished in a rugged, impact-resistant black carpet.
- Void-free, 7-layer, 3/4" plywood construction for maximum durability and minimum weight.
- Input connections: (2) 1/4" metal phone jacks; (1) Neutrik™ NL 4 Speakon™ Connector.
- Reinforced internal bracings are used to fortify the LX-1818V3.



All LX-Series cabinets feature a tilt-back metal bar handle and 4" heavy-duty for increased mobility. A lifetime cabinet construction warranty is provided.



Model: **LX-1818V3**

Nominal Impedance: 4 Ohms

Frequency Response: 30-160 Hz

Power Handling: 2000 watts

SPL @ 1w1m: 113

Peak SPL: 143

Dimensions

(W" x H" x D"): 24 x 55 x 36

Weight (lbs): 260



BUILT-IN COMPRESSION CHAMBER

The B-52 18" subwoofers used in the LX cabinets are housed in a compression chamber that minimizes the excursion of the driver while maximizing the subwoofers' output. The optimally-sized acoustic aperture of the compression chambers forms the throat of the horn and helps force the air at an increased velocity and pressure. The compression chamber optimizes the horn's output, allowing for amazing output levels.



The LX-1515V3 is fitted with metal bar handles, protective metal corners, rubber feet, a 16-gauge perforated steel grille, 3" tilt back casters and is finished with impact-forgiving black carpet. B-52 offers a LIFETIME cabinet construction warranty. Input connections: (2) 1/4" phone jacks and (1) Neutrik™ Speakon™ connector.

COMP-4CLB COMPRESSION DRIVER

The LX-1515V3 utilizes the COMP-4CLB 1" exit PETP film diaphragm compression driver, providing smooth mids and extended high-frequency reproduction.



ELLIPTICAL WAVE

GUIDE B-52's new elliptical waveguide perfectly complements the COMP-4CLB compression driver. The coverage is

uniform over more than 3 octaves and the overall response is smooth and extended. The asymmetrical shape allows close physical coupling to the woofer and a slight tilt of the sound down to the listening level.

ADVANCED CROSSOVER

The advanced tapered array crossover network design directs low frequencies to both 15" speakers while limiting the midrange to just the top woofer resulting in improved low-end and cleaner sound in the high-frequency range. The crossover utilizes low-loss components including Mylar capacitors, air-core inductors and ceramic resistors. Light-bulb tweeter protection circuitry is included.



Model: LX-1515V3

Nominal Impedance: 4 Ohms

Frequency Response: 40-19K Hz

High-Freq. Dispersion: 90° x 40°

X-Over Points: 1.6K Hz

Power Handling: 1000 watts

SPL @ 1w1m: 101

Peak SPL: 133

Dimensions (W" x H" x D"): 23 x 49 x 20

Weight (lbs): 133



Includes a rugged tilt-back metal handle & 3" casters



LX-SERIES V3

LX-1515V3

DUAL 15" TWO-WAY TAPERED ARRAY DESIGN

The new LX-1515V3 delivers powerful and clean sound that will please your ears and rattle your chest. This 1000-watt full-range system features a quasi 3-way design with a sophisticated tapered array crossover network which directs low frequencies to both 15" speakers while limiting the midrange to only the top woofer. The result is improved low-end and clearer sound in the high frequency range. The ultra-efficient compression driver, mounted to a custom elliptical wave guide, delivers smooth mids and vivid highs that are not fatiguing to the ears.



Combine the LX-1515V3 with any B-52 folded horn subwoofer for a powerful mobile system



OWN THE STAGE.

- Made in the U.S.A.
- Void-free, 7-layered, 3/4" plywood construction
- Finished with impact resistant black carpet
- 4" heavy-duty casters, steel bar handles and metal corners
- Enhanced-grip B-52 handles
- (2) Neutrik™ NL-4 Speakon™ connectors



FX-SERIES

The FX-Series is designed for large venue mobile applications. FX-Series systems reproduce live sound and music playback with exceptional sonic accuracy from detailed highs to thundering lows. Built for maximum SPL and clarity, the full-range cabinets can be used as stand-alone systems or combined with the FX-1818S subwoofer for a compact concert rig.

FX-1515X DUAL 15" TWO-WAY

The FX-1515X has remarkable full-range response and sonic accuracy by combining rock solid low end, natural midrange and detailed, pristine highs. The COMP-3300 2" exit compression driver is coupled to a large format horn for wide dispersion, while the B-52 15-200 4" voice-coiled loudspeakers delivers rock-solid low end. It has the power handling capability of 1300 watts by utilizing two B-52 15-200 loudspeakers with 4" voice coils and cast-aluminum frames.

FX-1818S DUAL 18" SUBWOOFER

The FX-1818S is an excellent large venue mobile sound-reinforcement subwoofer. Utilizing two B-52 18-220S subwoofers with cast-aluminum frames and 4" voice coils, the FX-1818S delivers 2000 watts of earth-shaking bass with a usable frequency response down to 30 Hz.

TITANIUM COMPRESSION DRIVER



The COMP-3300 compression driver features a 2" exit pure titanium diaphragm with an impregnated polymer fiber surround for high sensitivity, low distortion and a smooth extended frequency response. An optimized aluminum phase plug prevents phase cancellation problems. High flux density magnetic assembly with copper shorting ring lowers distortion and reduces the voice coil self-inductance. The compression driver's base and cover are injected aluminum assuring high resistance.



FX-Series models include a rugged tilt-back metal handle and 4" casters for easy transportation.



Model:	FX-1515X	FX-1818S
Nominal Impedance:	4 Ohms	4 Ohms
Frequency Response:	40-19K Hz	30-160 Hz
High-Freq. Dispersion:	90° x 40°	n/a
X-Over Points:	1.4K Hz	n/a
Power Handling:	1300 watts	2000 watts
SPL @ 1w1m:	101 dB	100 dB
Peak SPL:	132 dB	131 dB
Dimensions (W" x H" x D"):	22 x 50 x 22	24 x 48 x 30
Weight:	140	170

SL-SERIES

The SL-Series is designed for the true professional unwilling to make any compromises in the quality of their sound. Designed for live sound and music-replay applications, the SL-Series provides maximum SPL and sound clarity from reliable and cost-effective cabinets. The SL-Series is ideal for mobile DJs, live sound, nightclubs and equipment rentals. Each trapezoidal-shaped full-range system combines substantial power handling with crisp highs and intense bass.

SL-12 12" TWO-WAY

The SL-12 is ideal for small venues, where a powerful system is desired, yet limited space is available. The SL-12 offers high power handling, efficiency and sound clarity from an exceptionally compact enclosure. The SL-12 includes a 1" exit PETP film diaphragm compression driver and a B-52 12-60 loudspeaker.

SL-15 15" TWO-WAY

The SL-15 combines great power handling, sound clarity and deep bass from a cost-effective and compact cabinet. Ideal for mobile DJs or live sound, the SL-15 includes a 1" exit PETP film diaphragm compression driver mounted on an elliptical wave guide. The B-52 15-120 loudspeaker features a 3" polyamide voice coil and 120 oz magnet structure.

SL-315 15" THREE-WAY

The SL-315 produces an outstanding full-range response with deep bass, natural midrange and detailed highs. It is ideal for venues where a wide coverage angle, extremely high output and absolute sonic accuracy is required. The SL-315 utilizes a B-52 15-120 loudspeaker with a 3" polyamide voice coil, an 8" midrange housed in a dampened and sealed sub-enclosure and a 1" exit PETP film diaphragm compression driver.



HANDLING YOUR SUCCESS B-52's enhanced-grip metal handles are the ultimate solution for carrying your B-52 loudspeakers. Constructed of bullet-proof stamped steel with a pressure-sensitive rubber backed grip, these handles are specially designed to fit in the palm of your hand.

Model:	SL-12	SL-15	SL-18S	SL-315	SL-1515
Nominal Impedance:	8 Ohms	8 Ohms	8 Ohms	8 Ohms	4 Ohms
Frequency Response:	45-19K Hz	45-19K Hz	30-160 Hz	40-19K Hz	40-19K Hz
High-Freq. Dispersion:	90° x 40°	90° x 40°	n/a	100°	90° x 40°
X-Over Points:	1.6K Hz	1.6K Hz	n/a	500 & 2.5K Hz	1.6K Hz
Power Handling:	300 watts	400 watts	550 watts	400 watts	800 watts
SPL @ 1w/1m:	97dB	98dB	99dB	98	100
Peak SPL:	128 dB	129 dB	130 dB	130	132
Dimensions (W" x H" x D"):	17 x 28 x 17	18 x 32 x 20	24 x 33 x 22	19 x 34 x 17	21 x 48 x 18
Weight:	57	81	100	84	128



ELLIPTICAL WAVE GUIDE

B-52's new waveguide perfectly complements the COMP-4CLB compression driver. The coverage is uniform over more than 3 octaves and the overall response is smooth

and extended. The asymmetrical shape allows close physical coupling to the loudspeaker and a slight tilt of the sound down to listening level.



SL-SERIES

CABINET FEATURES

Reinforced bracings are used to fortify each SL-Series enclosure. All ruggedly built models are fitted with custom B-52 handles, protective metal corners, rubber feet, 16-gauge perforated steel grilles and finished with impact-forgiving black carpet. A pole-mounting cup is provided on all models except SL-1515. A tilt-back handle and 3" casters are provided on the SL-1515 and SL-18S.

SL-1515

DUAL 15" TWO-WAY

The SL-1515 is the largest SL-Series system with 800 watts power handling. The reliable 1" exit PETP film diaphragm compression driver provides smooth highs, while dual B-52 15-120 loudspeakers with 3" high temperature precision-wound polyamide voice coils provide an outstanding low-frequency performance.

SL-18S

18" SUBWOOFER

The SL-18S will extend the low frequency response of any SL-Series full-range system to their lowest octave. The SL-18S utilizes a cast-framed 18" subwoofer with a 3.5" high temperature and precision-wound polyamide voice coil.



FLANGE PORTS GREATLY INCREASE EFFICIENCY

SL-Series cabinets are ported using flange ports. The port's design smoothes air flow in

and out of the cabinet, reducing turbulence and noise. It also increases linearity, lowers distortion, reduces harmonic distortion and provides an increased output.

COMP-4CLB COMPRESSION DRIVER



SL-Series full-range systems utilize the COMP-4CLB 1" exit PETP film diaphragm compression driver, which provides smooth mids and extended high-frequency reproduction.



ROBUST HANDLES AND CASTERS

The SL-1515 and SL-18S include a rugged tilt-back metal handle and 3" casters.

MX-SERIES

The MX-Series outperforms its rivals not only in quality but also price point. Designed for live sound and music replay, the MX-Series offers exceptional performance from compact and powerful systems. B-52 components include high performance loudspeakers and 1" exit titanium diaphragm compression drivers. Each rugged cabinet features metal bar handles, 16-gauge perforated steel grille, rubber feet and protective metal corners. Input connectors include (2) 1/4" metal phone jacks and a genuine Neutrik™ NL4 connector. Each cabinet is finished with impact-resistant black carpet or available in a paint version.

MX-15 15" TWO-WAY

The MX-15 offers excellent output and full bandwidth coverage. The sonic accuracy of the MX-15 makes it ideal for both live sound and music replay. It can be coupled to a B-52 subwoofer for an outstanding three-way system.

MX-1515 DUAL 15" TWO-WAY

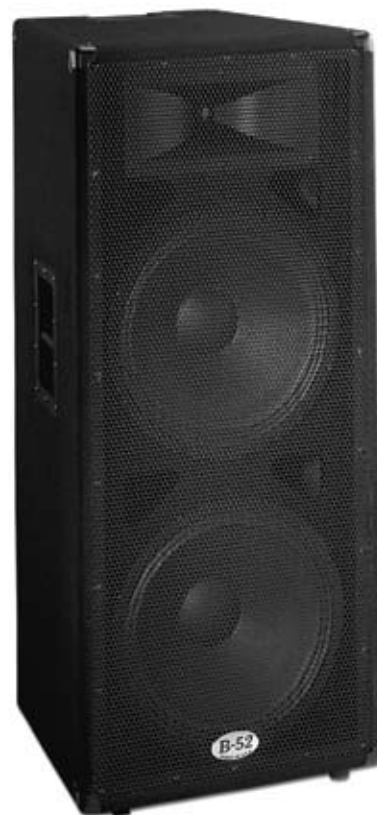
The MX-1515 combines substantial SPL and accuracy from a compact dual 15" two-way cabinet. The 1" exit titanium compression driver delivers smooth and detailed highs while the dual B-52 15-85 woofers, with 2.5" edge wound voice coils produce tight, punchy low end.

MX-MN 15 15" STAGE MONITOR

The MX-MN 15 is an ideal short to medium distance stage monitor that provides two discrete sitting angles. This monitor utilizes the B-52 15-85 with a 2.5" polyamide voice coil and a 1" exit titanium compression driver, coupled to a constant directivity horn. It is the perfect companion for performers reluctant to share the limelight with oversized monitors.

MX-18S 18" SUBWOOFER

The MX-18S delivers deep, rich bass and extends the low frequency response of any MX-Series full-range system to its lowest octave. It utilizes a cast-framed 18" subwoofer with a 3.5" high-temperature, polyamide voice coil.



MX-SERIES PAINTED



ALL MX MODELS AVAILABLE
IN A BLACK PAINT FINISH

Model:	MX-15	MX-1515	MX-18S	MX-MN 15
Nominal Impedance:	8 Ohms	4 Ohms	8 Ohms	8 Ohms
Frequency Response:	40-19K Hz	40-19K Hz	30-160 Hz	40-19K Hz
High-Freq. Dispersion:	90° x 40°	90° x 40°	n/a	90° x 40°
X-Over Points:	1.6K Hz	1.6K Hz	n/a	1.6K Hz
Power Handling:	300 watts	600 watts	550 watts	300 watts
SPL @ 1w1m:	97 dB	99 dB	99 dB	97 dB
Peak SPL:	128 dB	130 dB	130 dB	128 dB
Dimensions (W" x H" x D"):	19 x 27 x 18	19 x 45 x 18	23 x 26 x 22	27 x 18 x 21
Weight:	66 lbs	98 lbs	90 lbs	58 lbs



B-52 12-60 12" Loudspeaker

Power Handling: 300 Watts R.M.S.
 Frequency Response: 40-2.5K Hz
 Voice Coil Diameter: 2.5" (62.5mm)
 Nominal Impedance: 8 Ohms
 Magnet Structure: 60 oz
 Weight: 12 lbs.



B-52 15-85 15" Loudspeaker

Power Handling: 300 Watts R.M.S.
 Frequency Response: 35-2.5K Hz
 Voice Coil Diameter: 2.5" (62.5mm)
 Nominal Impedance: 8 Ohms
 Magnet Structure: 80 oz
 Weight: 13 lbs.



B-52 15-120 15" Loudspeaker

Power Handling: 400 Watts R.M.S.
 Frequency Response: 35-2.5K Hz
 Voice Coil Diameter: 3" (75mm)
 Nominal Impedance: 8 Ohms
 Magnet Structure: 120 oz
 Weight: 17 lbs.

B-52 COMPONENTS

RAW-FRAME LOUDSPEAKERS

Each transducer is built to exact engineering standards using innovative design concepts and materials. All components are manufactured to maximum tolerances and are subjected to a wide array of quality-assurance tests pre and post assembly. It is for these reasons that you can rely on B-52. A five-year warranty is included.



B-52 15-130 15" Loudspeaker

Power Handling: 500 Watts R.M.S.
 Frequency Response: 35-2.5K Hz
 Voice Coil Diameter: 3.5" (87.5mm)
 Nominal Impedance: 8 Ohms
 Magnet Structure: 130 oz
 Weight: 19 lbs.



B-52 15-200 15" Loudspeaker

Power Handling: 650 Watts R.M.S.
 Frequency Response: 35-2.5K Hz
 Voice Coil Diameter: 4" (100mm)
 Nominal Impedance: 8 Ohms
 Magnet Structure: 200 oz
 Weight: 22 lbs.



B-52 18-190S 18" Subwoofer

Power Handling: 550 Watts R.M.S.
 Frequency Response: 20-160 Hz
 Voice Coil Diameter: 3.5" (87.5 mm)
 Nominal Impedance: 8 Ohms
 Magnet Structure: 190 oz
 Weight: 22 lbs.



B-52 18-220S 18" Subwoofer

Power Handling: 1000 Watts R.M.S.
 Frequency Response: 20-160 Hz
 Voice Coil Diameter: 4" (100mm)
 Nominal Impedance: 8 Ohms
 Magnet Structure: 220 oz
 Weight: 26 lbs.

For front-loaded cabinets



B-52 18-220X 18" Subwoofer

Power Handling: 1000 Watts R.M.S.
 Frequency Response: 20-160 Hz
 Voice Coil Diameter: 4" (100mm)
 Nominal Impedance: 8 Ohms
 Magnet Structure: 220 oz
 Weight: 26 lbs.

For folded-horn cabinets

COMP-4CLS/B - 1" Exit PETP film Diaphragm Compression Driver

Power Handling: 80 watts
 Frequency Response: 1200-20K Hz
 Voice Coil Diameter: 1.75"
 Nominal Impedance: 8 Ohms
 Magnet Structure: 35 oz
 Weight: 6 lbs
 Available in bolt-on and screw-on versions



COMP-4MX - 1" Exit Titanium Diaphragm Compression Driver

Power Handling: 75 watts
 Frequency Response: 1200-18K Hz
 Voice Coil Diameter: 1.75"
 Nominal Impedance: 8 Ohms
 Magnet Structure: 35 oz
 Weight: 6 lbs



COMP-3300: 2" Exit Titanium Diaphragm Compression Driver

Power Handling: 125 watts
 Frequency Response: 800-20K Hz
 Voice Coil Diameter: 3"
 Nominal Impedance: 16 Ohms
 Magnet Structure: 70 oz
 Weight: 12 lbs.



GUITAR AMPLIFICATION

LS-100 100-WATT SOLID-STATE THREE-CHANNEL AMPLIFIER

The LS-100 features the latest advancements in preamp technology making this three-channel tone machine an outstanding choice for the professional player or the weekend warrior. The clean channel features the innovative B-52 "Mid Cut" control. This push button allows you to select a classic, warm vintage sound or a pristine, almost acoustic-like tone with tons of headroom. The overdrive channels go from moderate classic breakup to monstrous gain, controllable thanks to the individual gain and volume controls for each channel. The overdrive channels feature the new B-52 assignable contour control. This allows you to preset the contour and have it automatically activate on the gain channel of your choice. You can set one overdrive channel for a punchy midrange tone with the contour off and turn the contour on the second overdrive channel for a massive, scooped out metal tone. All channels share a master volume and reverb control.

LS-412A & LS-412B 400-WATT 4x12" SLANT & STRAIGHT SPEAKER CABINETS

The LS-Series extension cabinets perfectly complement the LS-100 head. These cabs are loaded with custom voiced 12" speakers rated at 100 watts each with incredible tone, crystal clear highs and heavy distortion with classic breakup. The innovative rear porting design delivers maximum low-end efficiency. Mono or Stereo outputs and detachable casters included.



LS-100 Rear Panel



LS-100 FEATURES

- Overdrive channel with gain 1, gain 2, assignable contour, 3-band EQ and individual volume 1 and volume 2 controls
- Clean channel with volume, 3 band EQ and a mid cut switch
- Master section with volume and reverb controls
- Rugged footswitch for channel select, gain select and reverb on/off
- Front panel push switches for channel, gain select and contour assign
- Effects send and return with level controls
- Cabinet simulated line out with level control for direct recording
- Two speaker output jacks
- International voltage select switch for 115 volts and 230 volts

LS CABINET FEATURES

- 4 x 100-watt, custom built, heavy-duty speakers
- 16-gauge metal grille for ultimate protection
- Rear porting for extended low-frequency response
- Metal handles, rubber feet and metal corners
- Detachable casters for easy transport
- Black Tolex covering
- Mono-stereo switchable output

GUITAR AMPLIFICATION



ATX-100 Rear Panel

ATX-100 FEATURES

- All-tube signal path
- Overdrive channel: gain 1 and gain 2 each with independent master volumes, 3-band EQ, assignable mid-cut control
- Clean channel: master volume, 3-band EQ and bright switch
- Global controls: volume, low-res (resonance) and reverb
- Effects loop (footswitchable)
- Selectable 4 / 8 / 16 ohms external speaker jacks
- 4-position footswitch: channel, gain, reverb and effects loop
- Chrome-plated front and rear panels

ATX-100 TUBES

- Power: 4 – 6L6 / 5881
- Preamp: 6 – 12AX7

ATX CABINET FEATURES

- 4x120-watt RMS custom B-52 speakers
- Mono/stereo switchable
- Reinforced Baltic birch construction
- Custom B-52 handles, metal corners and rubber feet
- Detachable casters for easy transport
- Black Tolex covering (matches ATX-100)
- Black grille cloth & silver piping



ATX-100

100-WATT ALL-TUBE THREE-CHANNEL AMPLIFIER

The ATX-100 is our newest and most powerful all-tube guitar amplifier. The three-channel ATX will take you from shimmering cleans with just the right touch of its lush spring reverb, to an all out metal assault. The clean channel is designed to stay clean all the way up unless you push the master volume to get that nice warm power tube break-up. The clean channel features a volume, responsive 3-band EQ as well as a bright switch. The overdrive section features 2 channels with separate volume and gain controls that share a 3-band EQ. The newly designed mid-cut feature is assignable to either of the overdrive channels giving you the ability for a brutal rhythm channel and a searing lead tone. All channels share a master volume, low-res (resonance) and reverb control.

AT-412A & AT-412B

480-WATT 4x12" SLANT & STRAIGHT CABINETS

The AT-412A/B extension cabinets perfectly complement the ATX head and are loaded with custom-voiced 12" speakers rated at 120 watts. These speakers are designed to stay accurate no matter how hard you drive them, giving you crystal clear cleans and the ability to handle over-the-top distortion at almost any wattage level. The AT-412A/B provides the option for a Mono or Stereo output with the flick of a switch.

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