

## DV8 POWERED MICROMAIN

- Compact, High Fidelity, High Output
- Exceptional Sound Quality
- Ultra-Wide Horizontal Coverage
- Broad Frequency Range, Long Throw
- Line-Array Performance from Pairs
- 1500 W Class D Powersoft Amp



An elegant and extremely versatile loudspeaker that delivers a remarkable combination of flat frequency response, high output, broad coverage and long throw from a very compact, lightweight and visually attractive loudspeaker.

The DV8 is an extraordinarily versatile loudspeaker for the professional who needs high-quality sound with outstanding audience coverage. The DV8 provides excellent speech intelligibility, extremely wide dispersion, even sound projection over distance and ultra high-fidelity music reproduction. The cabinets are small, light, attractive, unobtrusive and they can get extremely loud. If these things are important to you, the DV8 is the single best loudspeaker to have atop your tripods.

**Frequency response that is  $\pm 1.5$  dB from 45 to 18,000 Hz.** The DV8 processing includes 4 presets. Preset 1 allows them to be used in stand-alone mode as full-range speakers for smaller events and offers LF response to 45Hz. Preset 2 can be used for speech and music with or without a subwoofer. Presets 3 and 4 are intended for use with subs. Each higher preset provides slightly less LF output from the DV8 but increases the maximum SPL the DV8 can achieve, so the more subwoofer output you have available, the higher the preset number you use.

**Self-powered by a 1500W amplifier, the DV8 can run on mains voltage from 90 to 250V, and is compatible with all power supplies worldwide.** The extensive amplification makes it capable of extremely high output, with a full and rich presence. Providing remarkable output for a speaker of its size, the DV8 can replace much larger, heavier cabinets.

**Ideal for the mobile professional who moves gear on a regular basis, the handles incorporated in the sides, top and bottom of the cabinet extend past the amplifier to protect it in transit.** With handles designed for ergonomic and balanced transport, it is very easy to handle. The cabinet is compact, only 22" high x 18" deep, weighs just 42 pounds and is made entirely of Baltic Birch in the USA.

**Ultra-wide horizontal coverage of 120 degrees helps to provide consistent, intelligible coverage to audience areas that are to the far left and right, outside the coverage of ordinary portable loudspeakers.** This extremely wide coverage is made possible through the use of a line-array waveguide, which, along with the vertical alignment of the drivers, helps to constrain vertical coverage to a nominal 20 degrees. The tight vertical pattern provides more consistent coverage over greater distances and minimizes ceiling and floor reflections, enhancing intelligibility.

**The DV8 uses a narrow midrange driver to maintain the widest possible horizontal dispersion through the midrange.** Rather than using one 12" or one 15" woofer, two 8" drivers are used because they offer a combination of wide horizontal dispersion and good low-frequency response while using minimal cabinet volume. The 8-inch drivers have octagonal cast aluminum baskets so they can be mounted directly adjacent to each other, minimizing cabinet frontal area.

**The high frequency wave guide is mounted forward of the loudspeaker baffle and above the grill to minimize edge diffraction and deliver consistent and extended horizontal dispersion.** It's also mounted at the very extreme top edge of the cabinet, which allows a second box to be inverted on the first for seamless summing of the high-frequencies, delivering line-array performance when two boxes are coupled. When a second box is added, the adjustments in the linkage allow for 4-degrees down through 4-degrees up on the second box.

**Cabinet construction incorporates a 4-degree down-angle when deployed on a pole stand or resting on a flat surface, so the cabinet is automatically at the appropriate downward angle to cover a large room while maintaining outstanding near field sound quality.** The down-angle ensures even coverage over the additional distance afforded by the tight vertical coverage pattern and the line-array wave guide.

**Seamless Coupling and Line-Array performance from pairs.** Unlike almost every other speaker in this market, two DV8s can be coupled together coherently, delivering a true 6dB increase in output with no loss of sound quality. Although technically not a line-array, the DV8 offers multiple benefits that make them perform like a line array, and better than a constant-curvature array.

**Perfect for expansion.** The seamless coupling feature of the DV8s makes them much more versatile than any other choice on the market because they offer the extremely wide 120-degree horizontal coverage whether using one or two per side AND the choice of tighter, the same, or expanded vertical coverage when using two per side.

## ACOUSTICAL

Loudspeaker Description	Wide dispersion compact full-range speaker
Frequency Response (+/-3 dB)	45 – 19,000 Hz
Maximum Sustained Output	117 dB SPL, 1m, 2pi, half-space
Max SPL (Peak)*	135 dB
Nominal Dispersion (H° x V°)	120 x 20

## ELECTRICAL

Amplification	1500 Watt 2 Channel Powersoft Class D Amplifier
Processing	Integrated comprehensive DSP provides high pass, low pass, equalization, phase alignment and limiting
Electrical Connectors, Amplifier	Neutrik powerCON Input (Blue) NAC3FCA, Neutrik powerCON Through (Grey) NAC3FCA
Electrical Connector, Mains	Standard US 3-pin 120V electrical plug: NEMA 5-15 (Edison)
Voltage Operating Range	90-250V. Auto-sensing, auto-switching, PFC universal power supply.
Current Draw, Nominal	360 W, 3A @ 120 volts (typical, 1/8 max power)
Signal Input Connector	XLR-F
Signal Output Connector	XLR-M (pass-through only)

## PHYSICAL

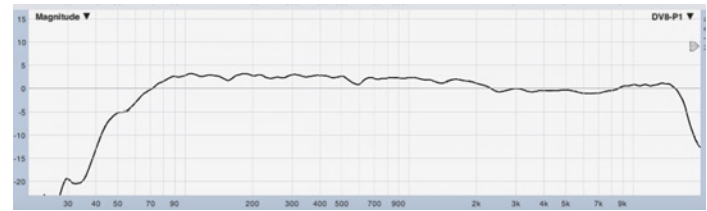
Enclosure Type	2-way mid-high. Helmholtz resonator LF section, horn-loaded HF section
Transducer (Low Frequency)	2 x 8 in. diameter (200 mm) neodymium motor woofers with 2 in. (51 mm) copper winding voice coil
Transducer (High Frequency)	1 x 1.7 in. (44 mm) diaphragm compression driver on 1 in. throat isophasic wave guide
Cabinet Construction	15 mm Baltic Birch plywood. Equipped with 6 handles. Includes 4 internally braced fly points and a 35mm pole socket mount
Dimensions (HxWxD)	22.5 in. x 10.75 in. x 18 in. with 8.5 in. wide rear
Net Weight	42 lbs
Shipping Weight	48 lbs
Exterior Finish	Rugged, weatherproof, black textured, bonded high-pressure polyurethane coating
Grill	Perforated, powder-coated steel
Pole Sockets	1 (35 mm)
Handles	6 Integrated Handles

## OPTIONAL

Suspension System	8 x 3/8 in.-16tpi threaded flypoints
Flying Hardware	Shoulder Eye Bolts
Stacking Bracket	Adjustable bracket set, mounts second cabinet inverted for near-perfect summed response, provides splay-angle adjustment from 0 to 8 degrees
Pole Options	Unthreaded Pole for DV8, SV8, AT212, AT312
Stand	35mm Pole Stand – Supports loudspeaker above subwoofer equipped with pole socket; Tripod Stand – Supports loudspeaker from ground
Covers	Heavy-duty padded nylon transport covers for 1 cabinet

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### RESPONSE GRAPH



\*Peak output is calculated using “industry standard” techniques. These calculation methods create theoretical specifications that are inflated over what can actually be achieved. BASSBOSS real world output specifications are provided as “Maximum Sustained Output” ratings, which reflect actual measured, continuous output levels.



With optional Stacking Bracket

