One-Inch Exit Compression Drivers

with all the emphasis on larger 1.5- and 2-inch exit compression drivers, it seems that the long-time, industry-standard 1-inch exit drivers have less importance today. Yet, actually the opposite is true, and with the rise of small-format line array designs and compact top boxes for speaker-on-a-stick systems, our old friend the 1-inch exit HF driver is back in style, big time. We surveyed the market looking at entries in this category from a number of manufacturers and found a wide range of models to suit nearly any budget (prices given quire more information, datasheets, etc., each company's URL is included, for more exploring.

B-52 COMP-4CLB



Magnet: Ferrite Diaphragm: PETB film Power Rating: 80 Watts Frequency Response: 800 Hz to 18 kHz Impedance: 8 ohms Voice Coil: 1.75" **Crossover Frequency:** >1.2 kHz Weight: 6 pounds

Mount: Bolt-on (screw-on also avail.)

b-52pro.com

Community VHF100

Magnet: Ferrite

Diaphragm: Non-metallic Power Rating: 50 Watts

Frequency Response: 1.8 kHz to 18 kHz

Sensitivity: 111 dB SPL, 1W/1m Impedance: 8 ohms

Voice Coil: 2"

Crossover Frequency: >1.8 kHz Weight: 5.9 pounds

Mount: 4-hole bolt-on

Price: \$307



communitypro.com

B&C DE500



Magnet: Neodymium **Diaphragm:** Titanium **Power Rating:** 50 Watts Frequency Response: 1 kHz to 18 kHz Sensitivity: 107 dB SPL, 1W/1m Impedance: 8 ohms (16-ohm avail) Voice Coil: 1.7" Crossover Frequency: >1.5 kHz Weight: 3.3 pounds Mount: 2-hole bolt-on Price: \$190

bcspeakers.com

DAS M-50N

Magnet: Neodymium **Diaphragm:** Titanium Power Rating: 50 Watts

Frequency Response: 1 kHz to 20 kHz Sensitivity: 107 dB SPL, 1W/1m Impedance: 8 ohms

Voice Coil: 1.75" Crossover Frequency: >1 kHz

Weight: 2 pounds Mount: Screw-on Price: \$199



dasaudio.com

Beyma CD10Nd



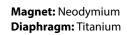
Magnet: Neodymium Diaphragm: Aluminum Power Rating: 70 Watts Frequency Response: 700 Hz to 19k Hz Sensitivity: 111 dB SPL, 1W/1m Impedance: 8 ohms Voice Coil: 1.75" Crossover Frequency: >1.2 kHz Weight: 2.7 pounds Mount: 2-hole or 3-hole bolt-on

profesional.beyma.com

Price: \$199

Magnet: Neodymium

Eighteen Sound ND1090



Power Rating: 50 Watts Frequency Response: 1.6 kHz to 20 kHz Sensitivity: 110 dB (1W/1m)

Impedance: 8 ohm (16 ohm also avail.) Voice Coil: 1.75"

Crossover Frequency: >1.6 kHz Weight: 2.6 pounds

Mount: 4-hole (M6) **Price:** \$200



eighteensound.com

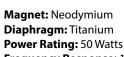
Celestion CDX1-1720



Diaphragm: PETP film Power Rating: 75 Watts Frequency Response: 1.2 kHz to 20 kHz Sensitivity: 110 dB SPL, 1W/1m Impedance: 8 ohms Voice Coil: 1.75" Crossover Frequency: >2.2 kHz Weight: 1.4 pounds **Mount:** 4-hole bolt-on (M6 thread)

celestion.com

Eminence NSD:2005-8



Frequency Response: 1.5 kHz to 20 kHz Sensitivity: 111 dB SPL, 1W/1m Impedance: 8 ohms (16-ohm also avail.)

Voice Coil: 2" **Crossover Frequency:** >1.5 kHz

Weight: 2 pounds Mount: 2-hole bolt-on **Price:** \$155



eminence.com

Fostex D1400



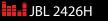
Magnet: Alnico **Diaphragm:** Titanium **Power Rating:** 60 Watts Frequency Response: 650 Hz to 20 kHz Sensitivity: 104 dB SPL, 1W/1m Impedance: 8 ohms

Crossover Frequency: >750 Hz Weight: 7.6 pounds Mount: 3-hole bolt-on

Price: \$596

Voice Coil: 2"

fostexinternational.com





Magnet: Ferrite Diaphragm: Titanium **Power Rating:** 70 Watts Frequency Response: 800 Hz to 20 kHz **Sensitivity:** 110 dB SPL, 1W/1m Impedance: 8 ohms (2426J 16-ohm also

Voice Coil: 1.75"

Crossover Frequency: >800 Hz Weight: 9.5 pounds

Mount: 3-hole bolt-on/removable flange for screw-on

Price: \$440 retail/\$350 street

jblpro.com

P. Audio PreNeo-450N



Magnet: Neodymium **Diaphragm:** Titanium Power Rating: 80 Watts Frequency Response: 1 kHz to 20 kHz Sensitivity: 110 dB SPL, 1W/1m Impedance: 8 ohms Voice Coil: 1.75" **Crossover Frequency:** >1.5 kHz Weight: 4.2 pounds

Mount: 3-hole bolt-on **Price:** \$158

paudiothailand.com

Peavey RX22



Magnet: Ferrite **Diaphragm:** Titanium Power Rating: 70 Watts Frequency Response: 500 Hz to 20 kHz Sensitivity: 111 dB SPL, 1W/1m Impedance: 8 ohms Voice Coil: 2" Crossover Frequency: >1.2 kHz

Weight: 5.4 pounds Mount: Screw-on **Price:** \$99

peavey.com

PRV D245-NDY

Magnet: Neodymium Diaphragm: Titanium

Power Rating: 50 watts Frequency Response: 1 kHz to 18 kHz Sensitivity: 105 dB SPL, 1W/1m

Impedance: 8 ohms Voice Coil: 1.75"

Crossover Frequency: >2 kHz Weight: 1.1 pounds Mount: 3-hole bolt-on

Price: \$75



prvaudio.com

Radian 475PB

Magnet: Ferrite V **Diaphragm:** Aluminum alloy Power Rating: 50 Watts

Frequency Response: 800 Hz to 21 kHz Sensitivity: 111 dB SPL, 1W/1m Impedance: 8 ohms (16-ohm avail.) Voice Coil: 1.75"

Crossover Frequency: >800 Hz Weight: 6.4 pounds Mount: 2-hole bolt-on

Price: \$178



radianaudio.com

RCF ND350

Magnet: Neodymium Diaphragm: Titanium

Power Rating: 50 Watts Frequency Response: 1.2 kHz to 20 kHz

Sensitivity: 109 dB SPL, 1W/1m Impedance: 8 ohms

Voice Coil: 1.75" **Crossover Frequency:** >1.5 kHz

Weight: 2.2 pounds Mount: 4-hole bolt-on **Price:** \$120



rcf.it

Selenium Pro D220TI

Magnet: Barium Ferrite Diaphragm: Titanium Power Rating: 27 Watts

Frequency Response: 1kHz to 21kHz Sensitivity: 109 dB SPL, 1W/1m Impedance: 8 ohms (16-ohm avail)

Voice Coil: 1.7"

Crossover Frequency: >2kHz Weight: 3.9 pounds Mount: Screw-on **Price:** \$50



jblselenium.com





