

PHENOLIC

COMPRESSION DRIVER LINE



D405



D250-X



D305

TITANIUM



D3300Ti



D202Ti



D220Ti



D405 TRIO

PHENOLIC

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- Recommended for midrange applications in multi-way PA's, stage monitors, side fills and high SPL car audio systems.
- High sensitivity, low distortion and smooth response.
- Precisely formed phenolic diaphragm produces high fidelity sound through out the midrange.
- Diaphragm voice coil is bonded to Kapton™ with high temperature adhesives to increase durability and raise power handling.
- "Phase Plug" is an acoustic transformer with optimized geometry to reduce phase cancellations.
- Magnetic Fluid in the gap (models D305 and D405) helps center the coil, improves heat dissipation, and reduces distortion.
- Quick change drop in diaphragm for easy repair.

TITANIUM

- Recommended for use in high performance compact, two-way, multi-way and line array systems.
- For use in sound reinforcement, side fill and stage monitor loudspeakers.
- World class drivers with excellent performance.
- High sensitivity and linear frequency response.
- Pure TITANIUM Diaphragm is accurately shaped to produce high frequencies with clarity.
- Innovative IPF® - Impregnated Polymer Fiber (models D3300Ti, D3305Ti) diaphragm surround reduces ringing and makes the high frequencies more linear.
- DPD® - Driver Protection Device protection circuit (models D3300Ti, D3305Ti), protects the compression driver by reducing the input power during clipping and overload conditions.
- Precisely designed "Phase Plug" is an acoustic transformer that helps prevent phase cancellations.
- Copper shorting ring on the pole piece reduces the modulation of the magnetic field, lowers distortion and increases high frequency output.
- Magnetic Fluid in the gap (models D408Ti, D3300Ti, and D3305Ti) lowers distortion, helps to center the voice coil and wicks away heat.
- Repair of the driver is easy because the quick change diaphragm indexes to center and has a unique gold-plated contact system (models D3300Ti and D3305Ti).

MODEL	D200	D250-X	D305	D405	D405 TRIO
Throat diameter		1"		2"	2"
Impedance (Ω)		8		8	8
RMS (W)	50 ⁽¹⁾	100 ⁽²⁾	75 ⁽²⁾	100 ⁽²⁾	150 ⁽²⁾
Musical Program (W)	100	200	150	200	300
SPL 1W @ 1m (dB)	107	107	110	110	110
Frequency Resp. @ -10dB (Hz)	500 to 7,000	400 to 9,000	400 to 9,000	300 to 7,000	300 to 7,000
Rec. X-over, 12dB/oct min. (Hz)	500		500		1000
Voice coil diameter in (mm)	2 (51)		3 (75)	4 (100)	4 (100)
Magnet weight oz. (g)	10 (290)	12 (332)	1,600	2,640	2,640
Housing material	Plastic	Aluminum	Plastic		Aluminum
Horn connection	Screw on		Bolt on		

(1) Xover 500Hz 12dB/oct. (2) Xover 1,000Hz 12dB/oct.

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MODEL	D202Ti	D202Ti OMF	D220Ti	D220Ti OMF	D3300Ti DPD	D3305Ti DPD	D408Ti	D4400Ti
Throat diameter	1"				2"			
Impedance (Ω)	8 and 16							
RMS (W)	60 ¹		80 ¹		75 ²	75 ²	125 ³	125 ³
Musical Program (W)	120		160		150		250	
SPL 1W @ 1m (dB)	106		109		110	108	111	112
Frequency Resp. @ -10dB (Hz)	1,000 to 20,000		1,000 to 21,000		500 to 25,000	500 to 20,000	400 to 20,000	
Rec. X-over, 12dB/oct min. (Hz)	1,500				800			
Voice coil diameter in (mm)	1.7 (44)				3 (75)		4 (100)	
Voice coil	Kapton®/CCAW				Kapton®/CCAW edgewound			
Magnet Weight oz.(g)	8 (210)		24 (675)		57 (1,600)		93 (2,640)	120 (3,440)
Housing material	Plastic				Aluminum	Plastic		Aluminum
Horn connection	Screw on	Bolt on	Screw on	Bolt on	Bolt on			

(1) Xover 2.000Hz 12dB/oct (2) Xover 800Hz 12dB/oct (3) Xover 1.200Hz 12dB/oct