



Founder 120H



Founder 100F



Founder 80F



Founder 90C



Founder 70LCR



Founder 40B

	Founder 120H	Founder 100F	Founder 80F	Founder 90C	Founder 70LCR	Founder 40B
DESIGN	5-driver, 3 way hybrid floorstanding with active bass, ported enclosure	5-driver, 3 way floorstanding, ported enclosure	4-driver, 2.5 way floorstanding, ported enclosure	4-driver, 2 passive radiator, 3 way center channel, sealed enclosure	4-driver, 3 way LCR, sealed enclosure	2-driver, 2 way standmount, ported enclosure
HIGH-FREQUENCY DRIVER	1" (25mm) AL-MAC™ Ceramic Dome with Oblate Spheroid Waveguide (OSW™) and Perforated Phase-Aligning (PPA™) Tweeter Lens, ferro-fluid damped / cooled	1" (25mm) AL-MAC™ Ceramic Dome with Oblate Spheroid Waveguide (OSW™) and Perforated Phase-Aligning (PPA™) Tweeter Lens, ferro-fluid damped / cooled	1" (25mm) AL-MAC™ Ceramic Dome with Oblate Spheroid Waveguide (OSW™) and Perforated Phase-Aligning (PPA™) Tweeter Lens, ferro-fluid damped / cooled	Coaxial 1" (25mm) AL-MAC™ Ceramic Dome with Oblate Spheroid Waveguide (OSW™) and Perforated Phase-Aligning (PPA™) Tweeter Lens, ferro-fluid damped / cooled, Patent Pending Dual Gap Motor Structure	Coaxial 1" (25mm) AL-MAC™ Ceramic Dome with Oblate Spheroid Waveguide (OSW™) and Perforated Phase-Aligning (PPA™) Tweeter Lens, ferro-fluid damped / cooled, Patent Pending Dual Gap Motor Structure	1" (25mm) AL-MAC™ Ceramic Dome with Oblate Spheroid Waveguide (OSW™) and Perforated Phase-Aligning (PPA™) Tweeter Lens, ferro-fluid damped / cooled
MID FREQUENCY DRIVER	6" (152mm) AL-MAG™ Cone with Perforated Phase-Aligning (PPA™) Lens, SHOCK-MOUNT™ Isolation Mounting System, and a 2" high-temp multi-layered voice coil with ventilated Apical™ former	6" (152mm) AL-MAG™ Cone with Perforated Phase-Aligning (PPA™) Lens, SHOCK-MOUNT™ Isolation Mounting System, and a 2" high-temp multi-layered voice coil with ventilated Apical™ former	--	Coaxial 6" (152mm) AL-MAG™ Cone with SHOCK-MOUNT™ Isolation Mounting System, a 2" high-temp multi-layered voice coil with Apical™ former, Patented Dual-Sync™ Continuous Flux Motor	Coaxial 6" (152mm) AL-MAG™ Cone with SHOCK-MOUNT™ Isolation Mounting System, a 2" high-temp multi-layered voice coil with Apical™ former, Patented Dual-Sync™ Continuous Flux Motor	--
MID/BASS FREQUENCY DRIVER	--	--	6" (152mm) Ultra-High-Excursion AL-MAG™ Cone with Perforated Phase-Aligning (PPA™) Lens, Gen3 Active Ridge Technology (ART™) with Vertical Mounting System, Advanced SHOCK-MOUNT™ Isolation, and a 1.5" high-temp multi-layered voice coil with ventilated Apical™ former	--	--	6" (152mm) Ultra-High-Excursion AL-MAG™ Cone with Perforated Phase-Aligning (PPA™) Lens, Gen3 Active Ridge Technology (ART™) with Vertical Mounting System, Advanced SHOCK-MOUNT™ Isolation, and a 1.5" high-temp multi-layered voice coil with ventilated Apical™ former
BASS FREQUENCY DRIVER	Three 8" (215mm) Ultra-High-Excursion CARBON-XT™ Unibody Cone, Gen3 Active Ridge Technology (ART™) with Vertical Mounting System, Advanced SHOCK-MOUNT™ Isolation, and a 1.5" high-temp multi-layered voice coil with ventilated Apical™ former	Three 7" (177mm) Ultra-High-Excursion CARBON-XT™ Unibody Cone, Gen3 Active Ridge Technology (ART™) with Vertical Mounting System, Advanced SHOCK-MOUNT™ Isolation, and a 1.5" high-temp multi-layered voice coil with ventilated Apical™ former	Two 6" (152mm) Ultra-High-Excursion CARBON-XT™ Unibody Cone, Gen3 Active Ridge Technology (ART™) with Vertical Mounting System, Advanced SHOCK-MOUNT™ Isolation, and a 1.5" high-temp multi-layered voice coil with ventilated Apical™ former	Two 7" (177mm) Ultra-High-Excursion CARBON-XT™ Unibody Cone, Gen3 Active Ridge Technology (ART™) with Vertical Mounting System, Advanced SHOCK-MOUNT™ Isolation, and a 1.5" high-temp multi-layered voice coil with ventilated Apical™ former	Two 5.5" (127mm) Ultra-High-Excursion CARBON-XT™ Unibody Cone, Gen3 Active Ridge Technology (ART™), and a 1.5" high-temp multi-layered voice coil with ventilated Apical™ former	--
PASSIVE RADIATOR	--	--	--	Two 7" (177mm) Ultra-High-Excursion CARBON-XT™ Unibody Cone, Gen3 Active Ridge Technology (ART™) with Vertical Mounting System, Advanced SHOCK-MOUNT™ Isolation, Passive	--	--
FREQUENCY RESPONSE ON-AXIS	±2dB from 22 Hz - 23 kHz	±2dB from 42 Hz - 23 kHz	±2dB from 50 Hz - 23 kHz	±2dB from 55 Hz - 23 kHz	±2dB from 79 Hz - 23 kHz	±2dB from 69 Hz - 23 kHz
FREQUENCY RESPONSE 30° OFF-AXIS	±2dB from 22 Hz - 20 kHz	±2dB from 42 Hz - 20 kHz	±2dB from 50 Hz - 20 kHz	±2dB from 55 Hz - 17 kHz	±2dB from 79 Hz - 17 kHz	±2dB from 69 Hz - 20 kHz
LOW FREQUENCY EXTENSION**	18 Hz (DIN)	26 Hz (DIN)	28 Hz (DIN)	37 Hz (DIN)	47 Hz (DIN)	41 Hz (DIN)
SENSITIVITY ROOM / ANECHOIC	95 dB / 92 dB	93 dB / 90 dB	93 dB / 90 dB	94 dB / 91 dB	92 dB / 89 dB	92 dB / 89 dB
CROSSOVER	2nd order at 2.4 kHz (tweeter), 2nd order digital/analog @ 300 Hz (bass)	2nd order electro-acoustic at 2.1 kHz (tweeter), 2nd order @ 500 Hz (bass)	2nd order electro-acoustic at 1.8 kHz (tweeter), 2nd order @ 500 Hz (bass)	2nd order electro-acoustic at 2.5 kHz (tweeter), 2nd order @ 500 Hz (bass)	2nd order electro-acoustic at 2.2 kHz (tweeter), 2nd order @ 700 Hz (bass)	2nd order electro-acoustic at 1.6kHz (tweeter/midbass)
SUITABLE AMPLIFIER POWER RANGE	15 - 400 watts	15 - 350 watts	15 - 220 watts	15 - 260 watts	15 - 220 watts	15 - 150 watts
MAXIMUM INPUT POWER†	300 watts	250 watts	180 watts	200 watts	150 watts	120 watts
IMPEDANCE	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
WEIGHT	92 lbs (41.7 kg) each	72 lbs (32.7 kg) each	52 lbs (23.6 kg) each	48 lbs (21.8 kg) each	30 lbs (13.6 kg) each	25lbs (11.3kg) each
DIMENSIONS (h x w x d)*	45.4" x 13.9" x 17.4" (115.3cm x 35.4cm x 44.1cm)	41.9" x 12.9" x 16.1" (106.5cm x 32.8cm x 40.9cm)	38.2" x 11.7" x 14" (97.1cm x 29.8cm x 35.6cm)	8.9" x 35.7" x 12.9" (22.6cm x 90.8cm x 32.7cm)	8" x 18.9" x 12.3" (20.4cm x 48cm x 31.2cm)	14.5" x 7.8" x 12.8" (36.8cm x 19.7cm x 32cm)
FINISHES	Piano Black, Black Walnut, Midnight Cherry, Walnut	Piano Black, Black Walnut, Midnight Cherry, Walnut	Piano Black, Black Walnut, Midnight Cherry, Walnut	Piano Black, Black Walnut, Midnight Cherry, Walnut	Piano Black, Black Walnut, Midnight Cherry, Walnut	Piano Black, Black Walnut, Midnight Cherry, Walnut

All specifications are subject to change without notice. * Includes grille and terminal posts for all models. Includes feet with rubber pads on Founder 120H, 100F and 80F. Includes isolation pads for all other models. ** DIN 45 500. Indicates -3 dB in a typical listening room. † With typical program source provided the amplifier clips no more than 10% of the time.