

Klipsch[®]

REFERENCE[™]

2022





Klipsch®

REFERENCE SERIES NEXT-GEN

HOME THEATRE SPEAKERS

The Klipsch Reference Series has been one of the top-selling speaker series for years. This new series capitalises on those strengths and combines modern materials and technological advancements to create even more impactful, unrivaled music and movie listening experiences.



R-800F FLOORSTANDING SPEAKER



SPECIFICATIONS	
FREQUENCY RESPONSE	34Hz - 21kHz +/- 3dB
SENSITIVITY*	98 dB (In-Room)
POWER HANDLING (CONT/PEAK)	150W/600W
NOMINAL IMPEDANCE	8 ohms Compatible
CROSSOVER FREQUENCY	1,400 Hz
HIGH FREQUENCY DRIVER	1" Aluminum LTS tweeter mated to a 90 x 90 square Tractrix® Horn
LOW FREQUENCY DRIVER	Dual 8" spun-copper TCP woofers
ENCLOSURE MATERIAL	MDF
ENCLOSURE TYPE	Bass-Reflex via rear-firing Tractrix® ports
INPUTS	Single Gold Plated Binding Posts
HEIGHT INCHES (MM)	43" (1093 mm)
WIDTH INCHES (MM)	10.9" (277 mm)
DEPTH INCHES (MM)	17.5" (443 mm)
PRODUCT WEIGHT LBS (KG)	54 lbs (24.5 kg)
FINISH	Black Textured Wood Grain Vinyl
INCLUDED ACCESSORIES	Injection molded feet & screws

*SPL at 1M, half-space anechoic with 2.83V input

R-600F FLOORSTANDING SPEAKER



SPECIFICATIONS	
FREQUENCY RESPONSE	38Hz - 21kHz +/- 3dB
SENSITIVITY*	96 dB (In-Room)
POWER HANDLING (CONT/PEAK)	100W/400W
NOMINAL IMPEDANCE	8 ohms Compatible
CROSSOVER FREQUENCY	1,440 Hz
HIGH FREQUENCY DRIVER	1" Aluminum LTS tweeter mated to a 90 x 90 square Tractrix® Horn
LOW FREQUENCY DRIVER	Dual 6.5" spun-copper TCP woofers
ENCLOSURE MATERIAL	MDF
ENCLOSURE TYPE	Bass-Reflex via rear-firing Tractrix® ports
INPUTS	Single Gold Plated Binding Posts
HEIGHT INCHES (MM)	40" (1017 mm)
WIDTH INCHES (MM)	9.4" (240 mm)
DEPTH INCHES (MM)	15.2" (386 mm)
PRODUCT WEIGHT LBS (KG)	41 lbs (18.6 kg)
FINISH	Black Textured Wood Grain Vinyl
INCLUDED ACCESSORIES	Injection molded feet & screws

*SPL at 1M, half-space anechoic with 2.83V input

R-605FA DOLBY ATMOS FLOORSTANDING SPEAKER



SPECIFICATIONS - MAIN CHANNEL

FREQUENCY RESPONSE	38Hz - 21kHz +/- 3dB
SENSITIVITY*	96 dB (In-Room)
POWER HANDLING (CONT/PEAK)	100W/400W
NOMINAL IMPEDANCE	8 ohms Compatible
CROSSOVER FREQUENCY	1,440 Hz
HIGH FREQUENCY DRIVER	1" Aluminum LTS tweeter mated to a 90 x 90 square Tractrix® Horn
LOW FREQUENCY DRIVER	Dual 6.5" spun-copper TCP woofers
ENCLOSURE MATERIAL	MDF
ENCLOSURE TYPE	Bass-Reflex via rear-firing Tractrix® ports
INPUTS	Single Gold Plated Binding Posts
HEIGHT INCHES (MM)	40" (1017 mm)
WIDTH INCHES (MM)	9.5" (240 mm)
DEPTH INCHES (MM)	18.2" (463 mm)
PRODUCT WEIGHT LBS (KG)	50 lbs (22.7 kg)
FINISH	Black Textured Wood Grain Vinyl
INCLUDED ACCESSORIES	Injection molded feet & screws

*SPL at 1M, half-space anechoic with 2.83V input

SPECIFICATIONS - HEIGHT CHANNEL

FREQUENCY RESPONSE	Conforms to Dolby Atmos Specifications
SENSITIVITY	Conforms to Dolby Atmos Specifications
POWER HANDLING	75W/150W
NOMINAL IMPEDANCE	8 ohms Compatible
HIGH FREQUENCY DRIVER	1" Aluminum LTS tweeter mated to a 90 x 90 square Tractrix® Horn
LOW FREQUENCY DRIVER	5.25" spun-copper IMG woofer
ENCLOSURE TYPE	Acoustic Suspension
INPUTS	Single Gold Plated Binding Posts



R-50C CENTRE SPEAKER



SPECIFICATIONS	
FREQUENCY RESPONSE	90Hz - 21kHz +/- 3dB
SENSITIVITY*	96 dB (In-Room)
POWER HANDLING (CONT/PEAK)	100W/400W
NOMINAL IMPEDANCE	8 ohms Compatible
CROSSOVER FREQUENCY	1,650 Hz
HIGH FREQUENCY DRIVER	1" Aluminum LTS tweeter mated to a 90 x 90 square Tractrix® Horn
LOW FREQUENCY DRIVER	Dual 5.25" spun-copper TCP woofers
ENCLOSURE MATERIAL	MDF
ENCLOSURE TYPE	Sealed
INPUTS	Single Gold Plated Binding Posts
HEIGHT INCHES (MM)	7" (178 mm)
WIDTH INCHES (MM)	18.75" (476 mm)
DEPTH INCHES (MM)	8.2" (208 mm)
PRODUCT WEIGHT LBS (KG)	14 lbs (6.3 kg)
FINISH	Black Textured Wood Grain Vinyl

*SPL at 1M, half-space anechoic with 2.83V input



R-30C CENTRE SPEAKER



SPECIFICATIONS	
FREQUENCY RESPONSE	78Hz - 21kHz +/- 3dB
SENSITIVITY*	96 dB (In-Room)
POWER HANDLING (CONT/PEAK)	100W/400W
NOMINAL IMPEDANCE	8 ohms Compatible
CROSSOVER FREQUENCY	1,650 Hz
HIGH FREQUENCY DRIVER	1" Aluminum LTS tweeter mated to a 90 x 90 square Tractrix® Horn
LOW FREQUENCY DRIVER	Quad 3.5" spun-copper TCP woofers
ENCLOSURE MATERIAL	MDF
ENCLOSURE TYPE	Bass-Reflex via forward-firing Tractrix® ports
INPUTS	Single Gold Plated Binding Posts
HEIGHT INCHES (MM)	5.0" (126 mm)
WIDTH INCHES (MM)	26" (660 mm)
DEPTH INCHES (MM)	6.8" (173 mm)
PRODUCT WEIGHT LBS (KG)	13 lbs (5.9 kg)
FINISH	Black Textured Wood Grain Vinyl

*SPL at 1M, half-space anechoic with 2.83V input

R-50M BOOKSHELF SPEAKER



SPECIFICATIONS	
FREQUENCY RESPONSE	58Hz - 21kHz +/- 3dB
SENSITIVITY*	92 dB (In-Room)
POWER HANDLING (CONT/PEAK)	75W/300W
NOMINAL IMPEDANCE	8 ohms Compatible
CROSSOVER FREQUENCY	1,560 Hz
HIGH FREQUENCY DRIVER	1" Aluminum LTS tweeter mated to a 90 x 90 square Tractrix® Horn
LOW FREQUENCY DRIVER	Single 5.25" spun-copper TCP woofer
ENCLOSURE MATERIAL	MDF
ENCLOSURE TYPE	Bass-Reflex via rear-firing ports
INPUTS	Single Gold Plated Binding Posts
HEIGHT INCHES (MM)	13.9" (354 mm)
WIDTH INCHES (MM)	7" (178 mm)
DEPTH INCHES (MM)	9" (229 mm)
PRODUCT WEIGHT LBS (KG)	11 lbs (5 kg)
FINISH	Black Textured Wood Grain Vinyl

*SPL at 1M, half-space anechoic with 2.83V input

R-40M BOOKSHELF SPEAKER



SPECIFICATIONS	
FREQUENCY RESPONSE	71Hz - 21kHz +/- 3dB
SENSITIVITY*	91 dB (In-Room)
POWER HANDLING (CONT/PEAK)	50W/200W
NOMINAL IMPEDANCE	8 ohms Compatible
CROSSOVER FREQUENCY	1,770 Hz
HIGH FREQUENCY DRIVER	1" Aluminum LTS tweeter mated to a 90 x 90 square Tractrix® Horn
LOW FREQUENCY DRIVER	Single 4" spun-copper TCP woofer
ENCLOSURE MATERIAL	MDF
ENCLOSURE TYPE	Bass-Reflex via rear-firing ports
INPUTS	Single Gold Plated Binding Posts
HEIGHT INCHES (MM)	11.7" (298 mm)
WIDTH INCHES (MM)	5.8" (146 mm)
DEPTH INCHES (MM)	8.5" (216 mm)
PRODUCT WEIGHT LBS (KG)	7 lbs (3.2 kg)
FINISH	Black Textured Wood Grain Vinyl

*SPL at 1M, half-space anechoic with 2.83V input

R-40SA SURROUND/ATMOS SPEAKER



SPECIFICATIONS	
FREQUENCY RESPONSE	Conforms to Dolby Atmos Specifications
SENSITIVITY*	Conforms to Dolby Atmos Specifications
POWER HANDLING (CONT/PEAK)	50W/100W
NOMINAL IMPEDANCE	8 ohms Compatible
CROSSOVER FREQUENCY	4,400 Hz
HIGH FREQUENCY DRIVER	1" Aluminum LTS tweeter mated to a 90 x 90 square Tractrix® Horn
LOW FREQUENCY DRIVER	4" spun-copper TCP woofer
ENCLOSURE MATERIAL	MDF
ENCLOSURE TYPE	Acoustic Suspension
INPUTS	Single Gold Plated Binding Posts
HEIGHT INCHES (MM)	7" (178 mm)
WIDTH INCHES (MM)	5.75" (146 mm)
DEPTH INCHES (MM)	12.7" (298 mm)
PRODUCT WEIGHT LBS (KG)	6 lbs (2.8 kg)
FINISH	Black Textured Wood Grain Vinyl
INCLUDED ACCESSORIES	Rubber Feet (4)

*SPL at 1M, half-space anechoic with 2.83V input

R-101SW SUBWOOFER



SPECIFICATIONS	
FREQUENCY RANGE	29.5Hz - 120Hz
MAXIMUM ACOUSTIC OUTPUT	115 dB
AMPLIFIER	All Digital
AMPLIFIER POWER (CONT/PEAK)	150W/300W
AMPLIFIER FEATURES	Volume, Low-pass, 0/180 phase, Auto Power On
DRIVER COMPONENTS	10" high excursion spun-copper TCP woofer
ENCLOSURE MATERIAL	MDF
ENCLOSURE TYPE	Bass-Reflex via rear-firing port
INPUTS	Line level/LFE RCA jacks
HEIGHT INCHES (MM)	14.6" (370 mm)
WIDTH INCHES (MM)	14.0" (356 mm)
DEPTH INCHES (MM)	19.7" (500 mm)
PRODUCT WEIGHT LBS (KG)	31 lbs (13.9 kg)
FINISHES	Black Textured Wood Grain Vinyl

R-121SW SUBWOOFER



SPECIFICATIONS	
FREQUENCY RANGE	28Hz - 120Hz
MAXIMUM ACOUSTIC OUTPUT	118 dB
AMPLIFIER	All Digital
AMPLIFIER POWER (CONT/PEAK)	200W/400W
AMPLIFIER FEATURES	Volume, Low-pass, 0/180 phase, Auto Power On
DRIVER COMPONENTS	12" high excursion spun-copper TCP woofer
ENCLOSURE MATERIAL	MDF
ENCLOSURE TYPE	Bass-Reflex via rear-firing port
INPUTS	Line level/LFE RCA jacks
HEIGHT INCHES (MM)	16.6" (421 mm)
WIDTH INCHES (MM)	16" (406 mm)
DEPTH INCHES (MM)	19.7" (500mm)
PRODUCT WEIGHT LBS (KG)	35 lbs (16.0 kg)
FINISHES	Black Textured Wood Grain Vinyl

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REFERENCE SPEAKERS



					
	R-800F		R-600F	R-605FA	R-50C
DESCRIPTION	Floorstanding speaker		Floorstanding speaker	Floorstanding speaker with Dolby® Atmos®	Center channel
HIGH FREQUENCY DRIVER	1" Aluminum LTS tweeter mated to a 90 x 90 square Tractrix® Horn				
LOW FREQUENCY DRIVER	Dual 8" spun-copper TCP woofers		Dual 6.5" spun-copper TCP woofers	Floor speaker : Dual 6.5" spun-copper TCP woofers Elevation speaker: 5.25" spun-copper IMG woofer	Dual 5.25" spun-copper TCP woofers
FREQUENCY RESPONSE +/- 3 dB	34 Hz - 21 kHz		38 Hz - 21 kHz	38 Hz - 21 kHz	90 Hz - 21 kHz
POWER HANDLING (CONTINU / PEAK)	150 W / 600 W		100 W / 400 W	Floor speaker: 100 W / 400 W Elevation speaker: 75 W / 150 W	100 W / 400 W
SENSITIVITY* (IN-ROOM)	98 dB		96 dB	96 dB	96 dB
IMPEDANCE	8 Ohms Compatible				
CROSSOVER FREQUENCY	1 400 Hz		1 440 Hz	1 440 Hz	1 650 Hz
ENCLOSURE MATERIAL	MDF				
ENCLOSURE TYPE	Bass-Reflex via rear-firing Tractrix® ports				Sealed
INPUTS	Single Gold Plated Binding Posts				
DIMENSIONS (H x W x D)	43" (109.3 cm) x 10.9" (27.7 cm) x 17.5" (44.3 cm)		40" (101.7 cm) x 9.4" (24 cm) x 15.2" (38.6 cm)	40" (101.7 cm) x 9.5" (24 cm) x 18.2" (46.3 cm)	7" (17.8 cm) x 18.75" (47.6 cm) x 8.2" (20.8 cm)
WEIGHT	54 lbs (24.5 kg)		41 lbs (18.6 kg)	50 lbs (22.7 kg)	14 lbs (6.3 kg)
FINISH	Black Textured Wood Grain Vinyl				
ACCESSORIES INCLUDED	Injection molded feet and screws				-

* SPL at 1 M, half-space anechoic with 2.83 V input



				
	R-30C	R-50M	R-40M	R-40SA
	Slim center channel	Bookshelf speakers	Compact bookshelf speakers	Surround speakers with Dolby® Atmos®
	Quad 3.5" spun-copper TCP woofers	Single 5.25" spun-copper TCP woofer	Single 4" spun-copper TCP woofer	
	78 Hz - 21 kHz	58 Hz - 21 kHz	71 Hz - 21 kHz	Conforms to Dolby® Atmos® Specifications
	100 W / 400 W	75 W / 300 W	50 W / 200 W	50 W / 100 W
	96 dB	92 dB	91 dB	Conforms to Dolby® Atmos® Specifications
	1 650 Hz	1 560 Hz	1 770 Hz	4 400 Hz
	Bass-Reflex via forward-firing Tractrix® ports	Bass-Reflex via rear-firing ports		Acoustic Suspension
	5.0" (12.6 cm) x 26" (66 cm) x 6.8" (17.3 cm)	13.9" (35.4 cm) x 7" (17.8 cm) x 9" (22.9 cm)	11.7" (29.8 cm) x 5.8" (14.6 cm) x 8.5" (21.6 cm)	7" (17.8 cm) x 5.75" (14.6 cm) x 12.7" (29.8 cm)
	13 lbs (5.9 kg)		7 lbs (3.2 kg)	6 lbs (2.8 kg)
	-	-	-	Rubber Feet (4)

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SPEAKERS

	 	
	R-101SW	R-121SW
DESCRIPTION	10" Subwoofer	12" Subwoofer
AMPLIFIER	All digital	
WOOFER	10" high excursion spun-copper TCP woofer	12" high excursion spun-copper TCP woofer
FREQUENCY RESPONSE	29.5 Hz - 120 Hz	28 Hz - 120 Hz
MAXIMUM ACOUSTIC OUTPUT	115 dB	118 dB
AMPLIFIER POWER (CONTINU / PEAK)	150 W / 300 W	200 W / 400 W
AMPLIFIER FEATURES	Volume, Low-pass, 0/180 phase, Auto Power On	
ENCLOSURE MATERIAL	MDF	
ENCLOSURE TYPE	Bass-Reflex via rear-firing port	
INPUTS	Line level/LFE RCA jacks	
DIMENSIONS (H x W x D)	14.6" (37 cm) x 14.0" (35.6 cm) x 19.7" (50 cm)	16.6" (42.1 cm) x 16" (40.6 cm) x 19.7" (50 cm)
WEIGHT	31 lbs (13.9 kg)	35 lbs (16 kg)
FINISH	Black Textured Wood Grain Vinyl	

* SPL at 1M, half-space anechoic with 2.83V input







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