

Data Sheet

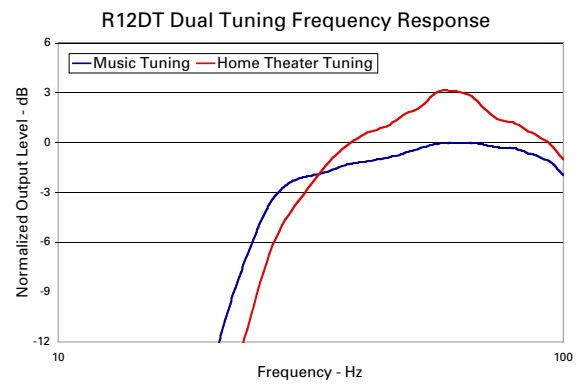
COMPLEMENT™ SERIES SUBWOOFERS

R8DT, R10DT, R12DT

Russound's Complement™ Series subwoofers are designed to deliver deep bass from a space-efficient enclosure. These subwoofers sonically match all of Russound's full-frequency loudspeakers for great performance in either a home theater or a multiroom audio system.



All three Complement models have an innovative dual tuning port design that allows listeners to acoustically optimize the bass contour for either a home theater or music application. With one of the ports blocked with a plug as shipped, the music tuning provides a flat response with extended low frequencies and more accurate timing for critical listening. The alternate home theater tuning provides increased output level to emphasize the impact of the soundtrack. The tuning ports are also symmetrically flared to balance driver and port interaction for smooth, noise-free operation even at high listening levels.



Each Complement model is housed in a black wood-grain cabinet. The R10DT and R12DT models feature MDF cabinet construction with asymmetrical internal bracing that reduces resonance for cleaner, less distorted sound.

The front-firing R10DT and R12DT models feature a black cloth grille while the downward-firing R8DT needs no grille. Inputs accommodate speaker-level, stereo line-level and low-frequency effects (LFE) signal options, depending on the model.

Russound's Complement Series subwoofers are designed for efficient operation with plenty of power for superior performance and will complement any system of your choosing.

Features	R8DT	R10DT	R12DT
Driver diameter (nominal)	8"	10"	12"
Driver orientation	Down	Front	Front
Amplifier power	60 watts	120 watts	200 watts
Dual tuning ports	✓	✓	✓
Auto-sensing power mode	✓	✓	✓
Volume control	✓	✓	✓
Phase control	✓	✓	Variable
Adjustable crossover	✓	✓	✓
Line- & speaker-level inputs	✓	✓	✓
Full-range speaker pass-through outputs	✓	✓	✓
LFE input		✓	✓
Asymmetrical internal bracing		✓	✓

Specifications

R8DT

Driver:	8-inch injection-molded polypropylene cone
Driver orientation:	Down firing
Amplifier power:	60 watts RMS @ 1.0% THD+N
Frequency response:	30 Hz - 160 Hz
Inputs:	Line level (RCA left and right) Speaker level (spring terminal left and right)
Outputs:	Full-range speaker pass-through (left and right)
Volume control:	Continuously variable
Crossover:	Continuously variable 60 - 160 Hz
Power modes:	On, off, auto sensing
Phase switch:	0°, 180°
Dimensions:	12.1" W x 13.3" D x 14.2" H (30.8 cm x 33.9 cm x 36.0 cm)
Weight:	19.9 lbs (9.0 kg)
Finish:	Black wood-grain cabinet



R10DT

Driver:	10-inch injection-molded polypropylene cone
Driver orientation:	Front firing
Internal bracing:	Asymmetric
Amplifier power:	120 watts RMS @ 1.0% THD+N
Frequency response:	28 Hz - 160 Hz
Inputs:	Line level (RCA left and right) Unfiltered LFE (RCA) Speaker level (spring terminal left and right)
Outputs:	Full-range speaker pass-through (left and right)
Volume control:	Continuously variable
Crossover:	Continuously variable 60 - 160 Hz
Power modes:	On, off, auto sensing
Phase switch:	0°, 180°
Dimensions:	14" W x 16.3" D x 17" H (35.6 cm x 41.5 cm x 43.2 cm)
Weight:	36.7 lbs (16.6 kg)
Finish:	Black wood-grain cabinet with black fabric grille



R12DT

Driver:	12-inch injection-molded polypropylene cone
Driver orientation:	Front firing
Internal bracing:	Asymmetric
Amplifier power:	200 watts RMS @ 1.0% THD+N
Frequency response:	25 Hz - 160 Hz
Inputs:	Line level (RCA left and right) Unfiltered LFE (RCA) Speaker level (5-way binding post left and right)
Outputs:	Full-range speaker pass-through (5-way binding post left and right)
Volume control:	Continuously variable
Crossover:	Continuously variable 60 - 160 Hz
Phase control:	Continuously variable 0° - 180°
Power modes:	On, off, auto sensing
Dimensions:	14.4" W x 18.3" D x 20.3" H (36.5 cm x 46.5 cm x 51.6 cm)
Weight:	50 lbs (22.7 kg)
Finish:	Black wood-grain cabinet with black fabric grille



All Complement models are covered by a two-year limited warranty. See the product manual for details.

Since 1967, innovation, quality and reliability have been the core of the Russound product tradition. Today, Russound offers everything for enjoying multiroom audio-video in your home. All distributed audio-video solutions are built to high standards and designed with the unique consideration of making products that are easy to enjoy and live with.

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