

## SPECIFICATIONS

<b>Loudspeaker Type:</b>	Weather Resistant Subwoofer
<b>Operating Range:</b>	30 Hz to 500 Hz 40 Hz to 150 Hz (±2 dB)
<b>Max Input Ratings:</b>	400W continuous, 1000W program 40 volts RMS, 89 volts momentary peak
<b>Recommended Power Amplifier:</b>	830W to 1200W @ 4 ohms
<b>Sensitivity in SPL (1W/1m half space):</b>	95 dB SPL (50 Hz to 125 Hz 1/3 octave bands)
<b>Maximum Output:</b>	121 dB SPL / 128 dB SPL (peak)
<b>Nominal Impedance:</b>	4 ohms
<b>Minimum Impedance:</b>	3.5 ohms @ 100 Hz
<b>Nominal -6dB Beamwidth:</b>	360°H x 180°V
<b>Axial Q / DI:</b>	2 / 3, 50 Hz to 125 Hz
<b>Crossover Frequency:</b>	N/A
<b>Recommended Signal Processing:</b>	35 Hz 24 dB/Oct high pass filter
<b>Drivers:</b>	LF 2 x 12" Cool-Coil™
<b>Driver Protection:</b>	DYNA-TECH protection circuitry
<b>Input Connection:</b>	12 foot (4 m) SJOW #16 gauge
<b>Controls:</b>	None
<b>Enclosure:</b>	Hand-laminated fiberglass, light grey gelcoat
<b>Mounting/Rigging Provisions:</b>	(5) 1/2-13 rigging points
<b>Grille:</b>	3-layer WeatherStop™, light grey (Zinc-rich epoxy dual-layer powder coated perforated steel grille, foam, woven poly mesh)
<b>Environmental Performance:</b>	IEC529 IP56W rating when mounted with included direct-firing kit
<b>Required Accessories:</b>	Electronic high pass filter
<b>Supplied Accessories:</b>	Community direct-firing kit (DFKIT)
<b>Optional Accessories:</b>	TRC400 400-watt transformer Digital signal processor
<b>Dimensions—Height:</b>	24.75 inches (629 mm)
<b>Loudspeaker Width:</b>	24.75 inches (629 mm)
<b>Alone Depth:</b>	30.75 inches (781 mm)
<b>Dimensions—Height:</b>	25 inches (635 mm)
<b>Loudspeaker Width:</b>	25 inches (635 mm)
<b>with DFKIT Depth:</b>	32.75 inches (832 mm)
<b>Weight (without DFKIT):</b>	68 lbs (30.84 kg)
<b>Weight (with DFKIT):</b>	77.5 lbs (35.15 kg)
<b>Shipping Weight:</b>	90.5 lbs (41.05 kg)

### NOTES:

1. Sensitivity: Free field pink noise measurement at 4 ft (1.2 m) at 80% power; extrapolated to 1 meter and an input of 2 volts RMS.
2. Watts: All wattage figures are calculated using the rated nominal impedance.



## APPLICATIONS

- Sports venues, athletic fields, arenas, field houses
- Stadia, ballparks, race tracks, skating rinks
- Theme and amusement parks, shopping malls
- Fairgrounds, rodeos, air shows, ski resorts
- Swimming pools, cruise ships
- Electronic carillons, music pavilions
- Gymnasiums, convention centers, ballrooms

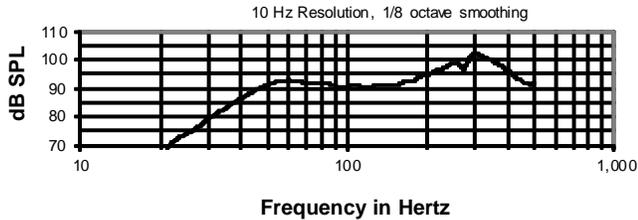
## FEATURES

- Weather resistant construction
- Weather-treated drivers and components
- Corrosion-resistant zinc-rich epoxy dual-layer powder coated steel grille and yoke
- Dual 12" Cool-Coil™ woofers
- Five (5) Integral ½"-13 threaded mounting points
- DYNA-TECH protection circuitry
- Direct-firing kit included, with vandal-resistant protective cable cover, for easy installation
- Location of the cable ingress allows cable to exit at surface level
- Five-year product warranty / Fifteen-year enclosure warranty

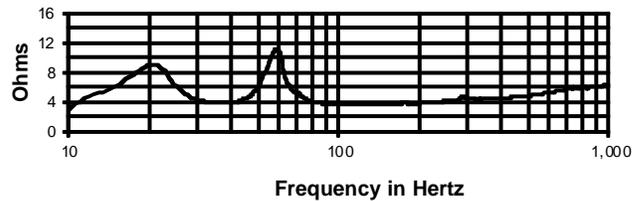
## DESCRIPTION

The R2SUBDF is a powerful dual 12-inch vented subwoofer system, offering all the weather-resistant features and benefits of the acclaimed R-Series. This 400-watt subwoofer system includes a direct-firing kit (model DFKIT) designed to attach the R2SUB subwoofer system to the floor, walls, or ceiling in order to take advantage of the surface as an acoustical boundary. A vandal-resistant cable cover is included to protect the cable from abrasion or tampering, as well as to provide a neat-looking installation. Featuring Community's DYNA-TECH protection circuitry, the R2SUBDF is engineered to provide quality low frequency reproduction in a wide variety of outdoor and indoor environments. Its weather resistant properties make it ideal for installation in amusement parks, sports arenas, cruise ships, race tracks and more, while its contemporary design makes it just as appropriate for indoor installations as well. Ready to complement all of Community's full-range R-Series loudspeakers, the R2SUBDF is a true low frequency system that can deliver extreme sonic performance down to 40 Hz.

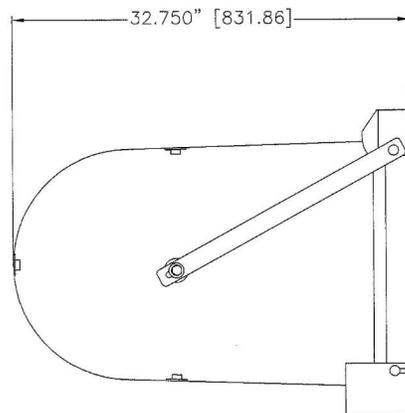
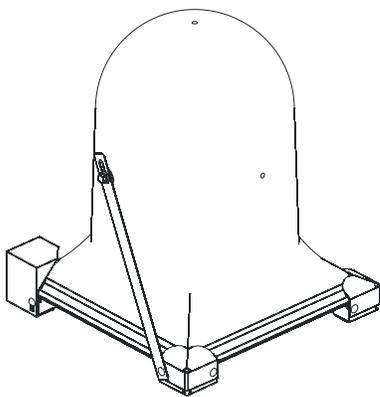
## FREQUENCY RESPONSE



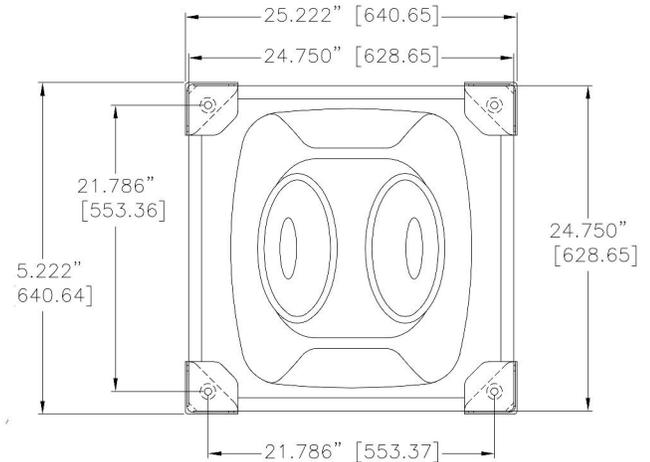
## IMPEDANCE



## DIMENSIONS



SIDE VIEW



FRONT VIEW

## ARCHITECTURAL SPECIFICATIONS

The loudspeaker system shall be a bass reflex design consisting of two 12" drivers inside the cabinet. The cabinet shall be hand laminated fiberglass enclosure providing weather and UV resistance with a three-layer WeatherStop™ grille. The input connection shall be one 12' (4m) SJOW #16 gauge cable with stripped ends. The enclosure shall incorporate five 1/2-13 rigging points for multiple mounting options. The loudspeaker will be supplied with one direct-firing mounting kit. The loudspeaker system shall have an amplitude response of 40 Hz - 150 Hz (+/- 2 dB SPL), an input capacity of 400W, 95 dB SPL sensitivity @ 2.0V / 1 meter between 50Hz - 125 Hz at a nominal 4 Ohm impedance. The nominal dispersion shall be omnidirectional. The dimensions of the loudspeaker enclosure are defined as 24.75" x 24.75" x 30.75" (HWD) at a weight of 68 lbs. The dimensions of the enclosure with the direct-firing kit attached are defined as 25" x 25" x 32.75" (HWD) at a weight of 77.5 lbs.

*Community strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.*