

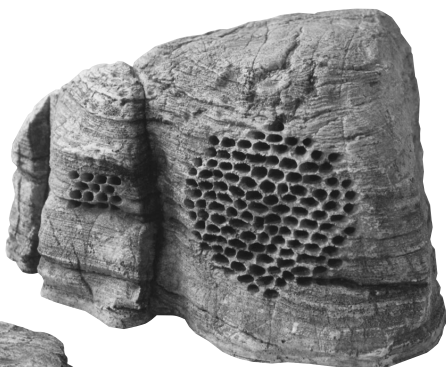
N·E·A·R.®

OWNER'S GUIDE

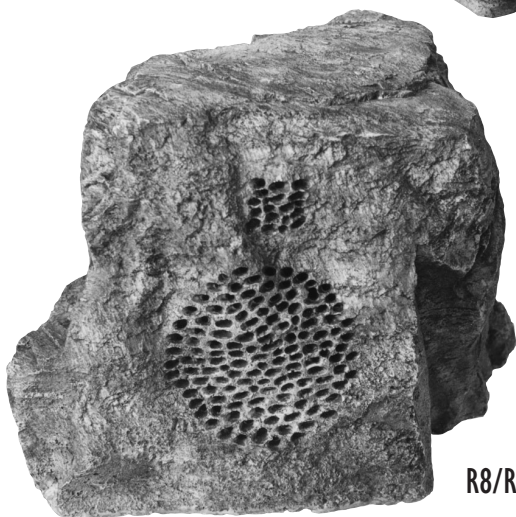
NEAR ROCK

LANDSCAPE LOUDSPEAKERS

Models R6/R6T and R8/R8T



R6/R6T



R8/R8T

SPECIFICATIONS

MODEL NUMBER	R6/R6T	R8/R8T
MID/BASS DRIVER	6" MDT™	8" MDT™
TWEETER	1-1/8" inverted-dome	1-1/8" inverted-dome
FREQUENCY RESPONSE	75Hz – 20kHz	60Hz – 20kHz
NOMINAL IMPEDANCE	R6: 8Ω R6T: 70V	R8: 8Ω R8T: 70V
MAXIMUM POWER	R6: 100W @ 8Ω R6T: 32W @ 70V	R8: 175W @ 8Ω R8T: 64W @ 70V
SENSITIVITY (1W @ 1M)	88dB	90dB
SOUND DISPERSION	Horiz - 100°, Vert - 45°	Horiz - 100°, Vert - 45°
DIMENSIONS (in / cm)	(in.) 18 W x 14 D x 10 H (cm) 46 W x 36 D x 25 H	(in.) 23 W x 15 D x 16 H (cm) 58 W x 38 D x 41 H
WEIGHT (lbs / kg)	R6: 35 lbs; 15.9 kg R6T: 37 lbs; 16.8 kg	R8: 64 lbs; 29.1 kg R8T: 67 lbs; 30.4 kg

NEAR® TECHNOLOGIES

NEAR's exclusive MDT™ metal-alloy diaphragm is about as light as is physically possible – nearly the ideal **massless piston**. The benefits are immediately recognized in the musical accuracy, fine detail of sound, and ease of listening. Here is a summary of MDT benefits:

- **High rigidity** and **low mass** of metal versus traditional papers and plastics
- Extremely **stable cone structure** over long periods of time
- Fast transmission of sound *through* the diaphragm means **low energy storage**
- Special anodizing process creates a ceramic coating for **increased stiffness**
- Efficient heat-sinking of voice coils under long-term, high-power situations

In addition to MDT, another unique technology is incorporated into NEAR speakers: **Magnetic Liquid Suspension (MLS™)**. MLS eliminates the traditional mechanical centering device (the "spider") for the voice coil and replaces it with a magnetic fluid that remains **permanently suspended** in the gap of the magnet, allowing the voice coil to stay centered and to operate with extreme linearity. In fact, the louder it plays, the more **accurate** the centering forces become. Here is a summary of MLS benefits:

- Voice coil is constantly centered as it moves up and down, for **lower distortion**
- Voice coil is more efficiently heat-sunked by fluid instead of air
- **Dual-layer voice coil** with separate inner and outer windings reduces distortion at high output levels
- **Greater linearity** is accomplished because the mechanical spider is eliminated
- Constant lubrication of the gap **prevents oxidation** from outdoor use
- **Long-term operation** is more consistent since fluid doesn't change characteristics
- **Longer excursions** with smaller diameter woofers; spiders limit excursions

BOGEN®
COMMUNICATIONS, INC.

P.O. Box 575, Ramsey, NJ 07446 U.S.A.
tel 201-934-8500 • fax 201-934-9832

e-mail: nearspeakers@bogen.com • www.nearspeakers.com

Specifications are subject to change without notice. ©2000 Bogen Communications, Inc.

Download from Www.Somanuals.com. All Manuals Search And Download.

Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>