

**Key Features**

- **Reference-Quality Audio**—for broadcast, stage monitoring, multimedia presentations, and numerous additional applications.
- **Direct Radiator, 2-Way System**—in a multi-purpose compact enclosure.
- **Advanced Compositelite™ Carbon Fiber Enclosure**—for greater sonic accuracy and superior weather resistance.
- **High Power Handling**—“Industrial Strength” near-field components handle 160-200 watts of program material. With 86 dB sensitivity, 112 dB peak SPL is available (model 570: 89 dB sensitivity, 114 dB peak SPL).
- **QSC DSP Downloads**—for QSC-powered systems using the DSP-3 programmable processor, a growing selection of custom tailored downloads offer virtually perfect “dialed-in” performance right out of the box.
- **Color Options**—over 100 custom color options are available.

# ACE 540/550/570



QSC-ACE 500 Series Composite Nearfield Reference Monitors are two-way speakers designed for use in critical listening applications, including broadcast, stage monitoring, multimedia presentations, and foreground or background music playback.

The ACE 500 product line consists of three models: the ACE 540, ACE 550, and the ACE 570. The ACE 540 delivers excellent performance from a two-way, infinite baffle enclosure. The ACE 550 and ACE 570 are two-way, ported enclosures that boast extended low frequency response. All three models make use of a 1" dome tweeter for the HF transducer. The ACE 540 and ACE 550 use a 5.25" LF transducer while the ACE 570 uses a 7" LF transducer. All models are housed in a trapezoidal-shaped enclosure—making these speakers well suited for numerous audio environments.

All 500 Series loudspeakers employ a passive crossover and have a nominal coverage pattern of 120°. Neutrik® NL4 Speak-On connectors, binding posts, and mounting points are included.

QSC-ACE enclosures incorporate Compositelite™, a patented core composite technology that yields superior acoustic properties, lighter weight, and outstanding weather resistance compared to conventional enclosure materials. Multiple skins of carbon fiber are layered over a phenolic honeycomb core to form a rigid, seamless enclosure. The extreme stiffness of composite construction prevents flexing of the enclosure walls, significantly reducing transmission loss due to wall vibration. The result is reduced cabinet resonance, increased low-frequency output, and greater sonic accuracy. A comprehensive line of mounting accessories and optional color choices make the QSC-ACE 500 Series a versatile solution.



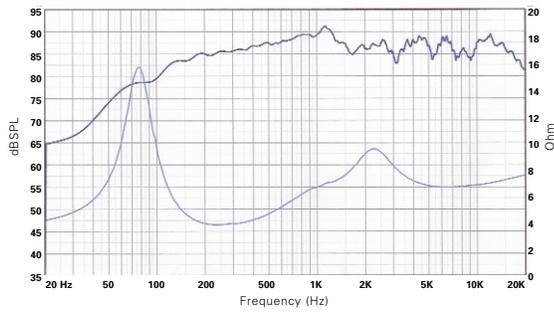
*Hear the Power of Technology.*

| Specifications                                    | 540 WR   | 550 WR   | 570 i  |
|---|--|--|--|
| <b>Configuration</b>                              | Two way, infinite baffle enclosure                 | Two way, ported enclosure                          | Two way, ported enclosure                          |
| <b>High Frequency Transducer</b>                  | 1" (25 mm) dome tweeter                            | 1" (25 mm) dome tweeter                            | 1" (25 mm) dome tweeter                            |
| <b>Low Frequency Transducer</b>                   | 5.25" (130 mm)                                     | 5.25" (130 mm)                                     | 7" (178 mm)  |
| <b>Crossover Configuration</b>                    | Passive  | Passive  | Passive  |
| <b>Frequency Response (Hz) ±3 dB</b>              | 73 Hz–20 kHz                                       | 52 Hz–20 kHz                                       | 75 Hz–20 kHz                                       |
| <b>Sensitivity (2.83V @ 1 meter) 20 Hz–20 kHz</b> | 86 dB  | 86 dB  | 89 dB  |
| <b>Nominal Impedance</b>                          | 4 ohms   | 4 ohms   | 8 ohms   |
| <b>Power Handling Continuous Program Material</b> | 200W   | 200W   | 160W   |
| <b>Nominal Coverage</b>                           | 120°   | 120°   | 120°   |
| <b>Video Shielding</b>                            | Yes  | Yes  | No   |
| <b>Enclosure</b>                                  |  |  |  |
| <b>Cabinet Shape</b>                              | Trapezoidal  | Trapezoidal  | Trapezoidal  |
| <b>Enclosure Materials</b>                        | Compositelite™ Composite Core                      | Compositelite™ Composite Core                      | Compositelite™ Composite Core                      |
| <b>Finish</b>                                     | Epoxy Resin  | Epoxy Resin  | Epoxy Resin  |
| <b>Weather Resistance</b>                         | Yes  | Yes  | No   |
| <b>Grill</b>                                      | Black anodized perforated aluminum w/67% open area | Black anodized perforated aluminum w/67% open area | Black anodized perforated aluminum w/67% open area |
| <b>Connectors</b>                                 | Neutrik NL4 Speakon, binding posts                 | Neutrik NL4 Speakon, binding posts                 | Neutrik NL4 Speakon, binding posts                 |
| <b>Suspension Hardware</b>                        | 500 Series Accessories                             | 500 Series Accessories                             | 500 Series Accessories                             |
| <b>Dimensions and Weight</b>                      |  |  |  |
| <b>Height</b>                                     | 14.38" (36.5 cm)                                   | 14.38" (36.5 cm)                                   | 14.38" (36.5 cm)                                   |
| <b>Width (Front)</b>                              | 8.75" (22.2 cm)                                    | 8.75" (22.2 cm)                                    | 8.75" (22.2 cm)                                    |
| <b>Depth</b>                                      | 9" (22.9 cm)                                       | 9" (22.9 cm)                                       | 9" (22.9 cm)                                       |
| <b>Trapezoid Angle</b>                            | 45 deg. Prism                                      | 45 deg. Prism                                      | 45 deg. Prism                                      |
| <b>Net Weight</b>                                 | 8 lb. (3.6 kg)                                     | 8 lb. (3.6 kg)                                     | 10 lb. (4.5 kg)                                    |
| <b>Shipping Weight</b>                            | 11 lb. (4.9 kg)                                    | 11 lb. (4.9 kg)                                    | 13 lb. (5.85 kg)                                   |

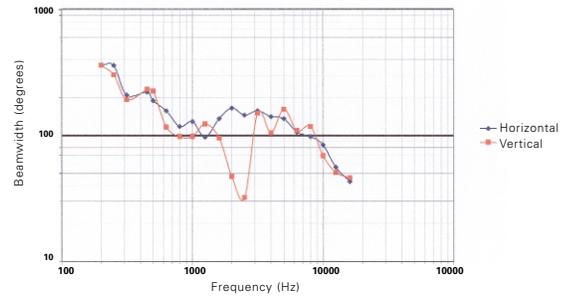
# 540/550/570 Frequency Response and Impedance / Enclosure Dimensions

## 540

### Frequency Response and Impedance



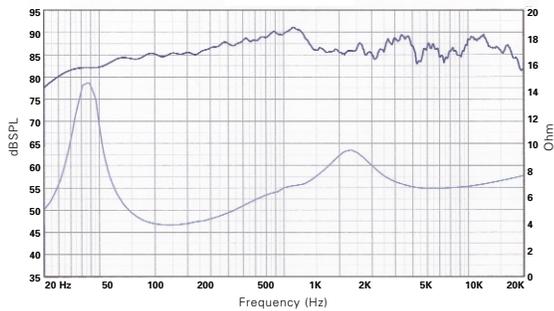
Frequency Response and Impedance



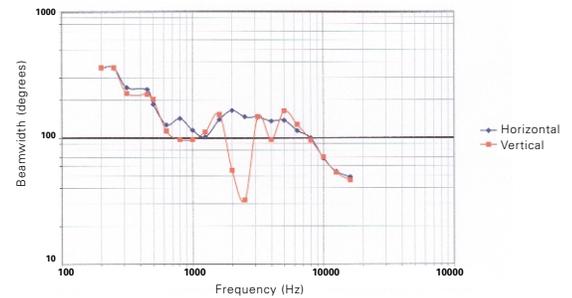
Beamwidth vs Frequency

## 550

### Frequency Response and Impedance



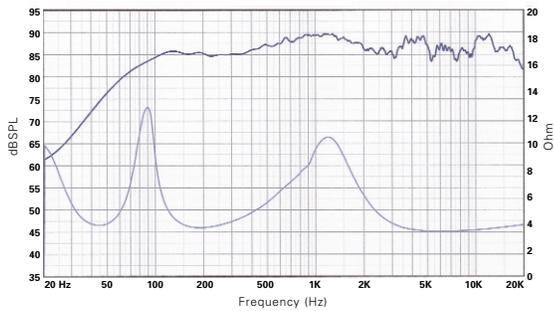
Frequency Response and Impedance



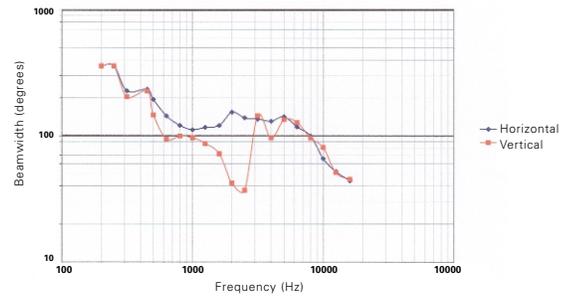
Beamwidth vs Frequency

## 570

### Frequency Response and Impedance

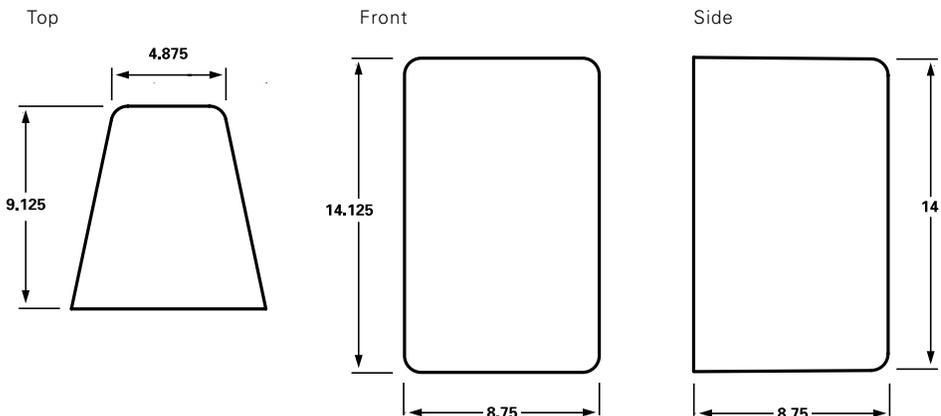


Frequency Response and Impedance



Beamwidth vs Frequency

## 540/550/570 Enclosure Dimensions Physical Dimensions / All units in inches



For more information about QSC professional loudspeakers, contact your local QSC sales representative, or call us toll-free at:  
**(800) 854-4079**



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