

# RealQuad Studio350



New England School of Communication

## Specifications:

Width: 23 5/8"

Height: 23 5/8", 47 1/4", 60" and 72"

Depth: 9 1/8"

Sequence 11 QRD

One-dimensional pattern

Real wood veneers over MDF with stain and paint options available.

The RealQuad Studio350 is the second largest 1D diffuser in the RealAcoustix line. With a low cutoff of greater than 350Hz, the RQS350 can optimize the diffusive nature of even the largest room. Due to its thinner cells and higher prime number it also performs better than any quadratic residue diffuser in its class. Available in a wide variety of wood veneers, stains or paints, you can truly have it all with the RealQuad Studio350.

## Test Data

| Freq.[Hz] | Scattering | Norm.Diffusion | Diffusion |
|-----------|------------|----------------|-----------|
| 100       | 0.022      | 0.094          | 0.686     |
| 125       | 0.035      | 0.145          | 0.699     |
| 160       | 0.055      | 0.219          | 0.717     |
| 200       | 0.085      | 0.321          | 0.743     |
| 250       | 0.129      | 0.448          | 0.776     |
| 315       | 0.186      | 0.581          | 0.811     |
| 400       | 0.215      | 0.603          | 0.797     |
| 500       | 0.538      | 0.807          | 0.889     |
| 630       | 0.563      | 0.784          | 0.869     |
| 800       | 0.144      | 0.226          | 0.495     |
| 1000      | 0.573      | 0.595          | 0.720     |
| 1250      | 0.818      | 0.575          | 0.690     |
| 1600      | 0.779      | 0.717          | 0.783     |
| 2000      | 0.675      | 0.337          | 0.466     |
| 1500      | 0.947      | 0.461          | 0.546     |
| 3150      | 0.968      | 0.392          | 0.470     |
| 4000      | 0.954      | 0.417          | 0.477     |