

# QRD Acoustic Diffuser

Contact Us for Price

Size

42" tall

16" tall

Custom height

Material

Maple

Oak

Cherry

Finishing

Unfinished

Clear Coat

Stain

The J&M Studio Furniture acoustic diffuser is built by hand in Fort Wayne, Indiana.

There's a reason you see QRD, or quadratic residue diffusers, in every major recording studio around the world. The design uses Dr. Manfred Schroeder's formula developed in the 1970s, and the mixture of different well depths diffuse reflected sounds in a very predictable and musical way.

J&M has precisely calculated the depth and width of each of the 7 wells. On a standard panel, the well on the left-hand end is always flush with the surface (or zero-depth). The J&M acoustic diffuser uses the frame as a half-width well. This design not only gives a more symmetrical appearance but allows multiple diffusers to be placed side by side, as pictured below.



## Wood and Options

The J&M QRD Acoustic Diffuser is available in custom heights and three different finishing options.

Choose from maple, oak, or cherry.

**Enjoy a 15% discount on any order of 5 or more using the code **GETMORE**.**

Each J&M diffuser is made to order and will be shipped two weeks after you place your order.

### ☆ Acoustic Properties

This root 7 diffuser starts scattering at 420 Hz, diffusing at 840 Hz, and has a high frequency cut off of 3 kHz.

For best results, sit at least 4' away from the diffusers.

### 🗑️ Materials

Choose from Solid Maple, Oak, or Cherry hardwoods

### 📏 Dimensions

16" long x 4 3/4" wide x 42" or 16" tall

Height can be customized up to 5' to fit your needs at no additional cost and heights over 5 feet are available upon request.

### 📦 Shipping, Returns, & Payment

#### Shipping

J&M will custom build your diffuser once you place your order.

Please allow **two - four weeks** production time for unstained diffusers, and **four to five weeks** for stained diffusers.

Shipping cost is calculated at checkout.

#### Returns

Every item is carefully inspected before it is shipped. If your item is defective or damaged upon receipt please contact us immediately after your package arrives for a full refund or exchange.

Each diffuser is custom made to your exact specifications, so returns of non-defective merchandise are not accepted.

#### Payments

Payments are arranged at the time of order.

At this time, J&M Studio Furniture accepts **Check, PayPal, or Venmo**



## Show off your sound

QRD diffusers not only make your room sound more even and your mixes more transferrable, but they also look great.

Choose from maple, oak, or cherry and over 50 different stain options. Or, choose a clear coat to show off the natural beauty of the wood.

J&M is here to help you match any color to the look at feel of your dream studio or listening environment.



### Our mission

Provide quality studio furniture that's hand built using real wood, has accurate acoustic responses, beautiful looks, and comes with best-in-class customer service.