

# Shure Phonograph

## DJ / Turntablist Cartridges / Recordneedles

### M44-7X DJ



Shure's high-output **M44-7X** cartridge is a versatile DJ needle good for both scratching and mixing. This model provides an excellent combination of strong, resonant sound reproduction and highly reliable performance

All Shure DJ needles feature:

- Wide-diameter, high-strength stylus assemblies for dependable back-cueing.
- Spherical diamond tips that ride gently over a large footprint in the record groove.
- Cutaway grips for high visibility of the iridescent orange colored stylus tip.
- Standard ½ inch mounts that fit all leading DJ turntables

Since 1958, when Shure introduced the world's first successful stereo phonograph cartridge, it has been recognized worldwide as the leader in the development and production of high-performance cartridges and styli ("recordneedles.")

### **M44-7X FEATURES & SPECIFICATIONS**

#### **TONE ARM MOUNT**

Standard 1/2"

#### **CARTRIDGE TYPE**

Moving magnet

#### **CANTILEVER**

Shure Type I - Low mass

Heat-treated aluminum alloy / tubular

1.0 mil wall thickness / 30 mil diameter

#### **DIAMOND STYLUS TIP**

Polished natural gemstone

Spherical

Radius: 0.7 mil

#### **TRACKING FORCE**

Effective at stylus tip

Range: 1.5 to 3.0 grams

#### **FREQUENCY RESPONSE**

Essentially flat from 20 to 20,000 Hz

#### **STEREO CHANNEL BALANCE**

Within 2 dB

**CHANNEL SEPARATION**

Typical at 1 kHz:  
20 dB

**OUTPUT VOLTAGE**

Typical at 1 kHz  
6.0 mV RMS at 5 cm/sec peak velocity

**RECOMMENDED LOAD**

47kOhms in parallel with 250 pf

**NET WEIGHT**

6.2 grams

**HEIGHT**

15.875 mm

**ACCESSORIES INCLUDED:**

- User Guide
- Mounting hardware
- Stylus guard

**WARRANTY**

Full one-year

**REPLACEMENT NEEDLES**

User-replaceable

- SINGLE with box & User Guide **N44-7X**
- 12 PACK mounted on a card **N44-7XZ**

**ACCESSORY NEEDLE**

For wide groove / 78 RPM recordings **N78S**

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