



# RF-100

Reflection Filter  
User Manual

# RF-100 User Manual

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## **Description:**

The MXL RF-100 Reflection Filter is a lightweight portable device designed to minimize unwanted room ambiance and reflections in difficult environments. Utilizing a unique five panel design constructed with high quality metal and acoustic foam, the MXL RF-100 features two alternative mounting methods and is suitable for use on both straight and boom type microphone stands. The RF-100 will effectively give the “dry” vocal sound even in rooms with awkward reflections. Perfect for use in studio recording, personal recording, and other similar situations where it is required to isolate the microphone from ambient noise.

**Features:**

- Five Panel design, with adjustable outer panels for both easy transportation and simple fine tuning
- High quality metal construction, with acoustic foam lining
- Dual mounting methods
- Suitable for both floor and boom microphone stands

**Specifications:**

**Dimensions:** (W) 400mm (H) 320mm (D) 260mm

**Weight:** 2.5 Kg

**Support Set:**

**Max Length:** 150mm

**Adjustable Range:** 115mm

**Support height:** 105mm

**Package contents:**

- MXL RF-100 filter
- Adjustable support bar with microphone attachment
- Wrench
- User manual

**Using your RF-100 Reflection Filter:**

The RF-100 can be attached directly to a floor microphone stand via the mounting hole on the bottom of the unit. If required, the supplied adjustable support bar can be installed at this stage.

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Simply slide the support bar over the threaded portion of the mic stand using the single hole on the bar before affixing the RF-100 reflection filter. The microphone support post attaches to the elongated slot in the support bar with the supplied knurled nut and washers. The slotted configuration affords a degree of fore/aft adjustment to assist with optimally positioning your microphone.



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Alternatively, the RF-100 can be attached to a boom-type microphone stand using the two attached “u-clamp” fittings on the rear of the unit. By using this method, the boom portion can be used to afford a greater degree of adjustment in microphone position.



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The RF-100 provides the least 'colored' results when the microphone is centrally positioned within the body of the filter. Alternative positions however can prove very useful for obtaining specific treatments. For example, setting up the reflection filter with the microphone closer to the filter wall in front of a guitar cabinet or closer to the open front in a live sounding room lets more of the room sound into the microphone. As with any other piece of recording equipment, experimentation is key.



# Warranty

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## **Warranty:**

The Marshall reflection filter is guaranteed against defects in material and workmanship for one year from date of purchase. Should you encounter any problem with this unit, promptly contact the company you purchased it from for assistance. The original dated sales receipt will be necessary for any warranty claim. Do not send any unit directly to us without prior authorization from our service department! Warranty coverage is limited to repair or replacement (at our option) of the unit, and does not cover incidental damages due to use of this unit, nor damage caused by accidental misuse of this product.



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