



RF-C20

Professional Studio Isolation Filter

Owner's Manual



Thank you for choosing Auray.

The Auray RF-C20 Professional Studio Isolation Filter provides music producers, broadcasters, and podcasters with a solution for advanced microphone isolation. It's designed with four layers of acoustic treatment to absorb unwanted ambient noise and control acoustic reflections. When recording vocals, voiceovers, or podcasts in acoustically untreated rooms, the RF-CF20 creates clean and dry recordings.

The filter employs a layer of acoustic composite fiber to absorb unwanted noise. A vented-metal mesh offers natural and open-sounding recordings while preventing bounce-back reflections. And the RF-C20 sets up easily on medium to heavy-duty boom and standard mic stands.

Precautions

- Keep this manual in a safe place for future reference.
- Do not attempt to disassemble or repair this equipment—doing so will void the warranty, and Auray will not be responsible for any damage.
- Handle the unit with care.
- Make sure everything is secure before proceeding.
- Make sure the item is intact and that there are no missing parts.
- To avoid damage to your reflection filter, be careful not to overtighten or improperly thread any of the threaded fittings.
- All images are for illustrative purposes only.

Overview

- Isolation filter 1
- 5/8 in. to 3/8 in. adapter 2
- Microphone depth locking knob 3
- L bracket 4
- Extension bar 5
- Star nut 6
- 5/8 in. mic mount 7
- Angle adjustment wheel 8
- Clamp locking wheels 9
- Microphone stand clamp 10
- Microphone height locking wheel 11



Instructions

Setting Up the RF-C20

It is important to attach the RF-C20 Professional Studio Isolation filter to a stand that can support its sturdy build. We recommend you use a heavy-duty tripod mic stand such as the Auray RFMS-580 Reflection Filter Tripod Mic Stand.

Attaching the RF-C20 with the Clamp

1. Loosen the clamp, and fit it onto the mic stand's shaft. **1**
2. Tighten both locking wheels until secure. Alter the angle with the adjustment wheel. **2**



Attaching the RF-C20 with the 5/8 in. Adapter

1. Loosen the depth locking knob, and separate it from the extension bar.
2. Place the opening of the L-bracket over the stand's 5/8-inch threaded mic mount, and screw on the 5/8-inch adapter. Leave the adapter a little loose so you can adjust the mic depth if needed. **3**



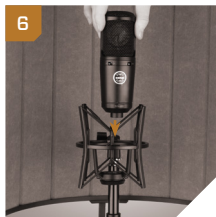
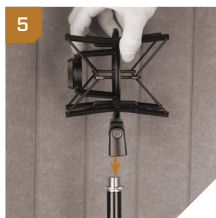
3. Screw the extension bar onto the adapter until secure. **4**

Attaching a Microphone

1. If you're using a handheld-style or shotgun microphone, attach a mic clip (not included) to the 5/8-inch mic mount.

If you're using a large-diaphragm microphone with a shock mount, attach the shock mount to the 5/8-inch mic mount, and tighten until secure. **5**

2. Make sure the mic is facing you, and use the star nut to further secure the attached shock mount. You can adjust the mic's direction by loosening the star nut and rotating the mic assembly to face you. **6**



Adjusting the Microphone Position

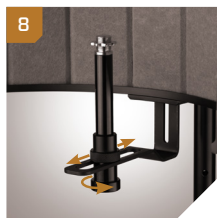
Microphone Height

1. Support the mic or filter assembly with one hand, and rotate the height locking wheel counterclockwise to loosen. **7**
2. Raise or lower the L-bracket or filter to adjust the mic height, and tighten the locking wheel until secure. **7**



Microphone Depth

1. Support the mic or filter assembly with one hand, and slightly loosen the 5/8-inch adapter. You may need to use extra force to rotate the adapter, but do not loosen all the way. **8**
2. Slide the assembly to the desired depth. The farther away the microphone is from the filter, the more room ambience you will record. **8**
3. Rotate the adapter clockwise until secure.



Specifications

Material: Composite fiber
Aluminum

Dimensions (H × W × D): 14.6 × 17.5 × 13.3 in.
(37.2 × 44.5 × 33.7 cm)

Weight: 8.2 lb. (3.7 kg) with mount

One-Year Limited Warranty

This Auray product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Auray Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Auray along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit www.aurayaudio.com or call Customer Service at 212-594-2353.

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