

*auray*<sup>TM</sup>

RF-CPB-18

# Reflection Filter

Owner's Manual



## Introduction

Thank you for choosing Auray.

Congratulations on your purchase of the Auray RF-CPB-18 Reflection Filter. This lightweight and sturdy reflection filter is an ideal solution for any recording application where microphone isolation is needed. Designed for use in studios, acoustically untreated rooms, and desktop recording, the RF-CPB-18 absorbs and diffuses external noise and room reflections to create a drier and closer sound that provides cleaner vocal tracks.

High-density open-cell acoustic foam minimizes room ambiance, and the curved shape of the shield ensures clean and dry vocals. Locking adjustable brackets and sturdy metal mounting hardware provide easy height and depth adjustment and ensure that the shield will be at the precise height and distance from the microphone for optimum results. Standard 5/8" threaded adapters fit most microphone clips and shock mounts, making the RF-CPB-18 compatible with most mic stands. The durable ABS plastic frame is lightweight yet rigid, making the RF-CPB-18 portable and able to withstand the rigors of transportation.

The professional musician, broadcaster, and podcaster will find that the RF-CPB-18 Reflection Filter is a valuable studio accessory that will improve the quality of recordings by providing isolation for vocals and voiceovers.

## Warnings

Before using your RF-CPB-18 please read the following safety notices carefully and thoroughly to ensure proper use and to help prevent damage to your reflection filter.

- Keep this manual in a safe place for future reference.
- Do not attempt to disassemble or repair the 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 over tighten or improperly thread any threaded fittings, such as bolts and locking knobs.
- All photos are for illustrative purposes only.

## Overview



## Specifications

**Shield Dimensions (W × H × D):** 19.3" × 11.4" × 7.1" (49 × 29 × 18 cm)

**Weight (with mounting hardware):** 3 lb. (1.4 kg)

# Instructions

## Assembling the RF-CPB-18

1. On a flat surface, place the shield upside down with the foam side toward you so that the threaded stud on the edge of the shield points up. **1**
2. Place the sliding mounting bracket over the threaded mount of the shield so that the rim of the plastic surrounding the stud fits snugly into the slot of the sliding mounting bracket.
3. Place the washer over the sliding mounting bracket and threaded stud, and screw in the locking wheel.



## Mounting the RF-CPB-18 onto a Microphone Stand

1. Securely screw in the large 5/8" adapter onto the threaded stud of your mic stand.

**2**

If the mic stand already has a star nut or flange, you can use it instead of the large 5/8" adapter described in this step.

2. Turn the shield assembly upright, and place the slot of the sliding mounting bracket over the threaded stud of the large 5/8" adapter. Make sure the shield faces the adapter.
3. Secure the sliding mounting bracket and shield assembly to the threaded stud with the small 5/8" adapter by screwing it onto the threaded stud of the large 5/8" adapter.

**3**

If the star nut is supporting the sliding mounting bracket, secure it with the large 5/8" adapter.

4. Attach the mic stand nut to the threaded stud.
5. Before proceeding make sure all connections are secure and the RF-CPB-18 is not unstable on the mic stand.



## Attaching the Microphone

1. Attach a shock mount or microphone clip to the threaded stud of the smaller 5/8" adapter that extends above the sliding mounting bracket. **4**
2. Once you are sure it is securely attached, you can insert the microphone into the shock mount or mic clip.



## Adjusting the RF-CPB-18 to the Microphone

For the RF-CPB-18 to be the most effective, the microphone diaphragm should be as close to the shield as possible, and it ideally should be centered vertically. Before adjusting the position of the shield, remove the microphone from the shock mount or mic clip and set it aside on a secure surface. To adjust the position of the shield, do the following:

1. Slightly loosen the locking wheel and slide the shield to the desired distance from the microphone. **5**
2. Once the shield is in place, securely tighten the locking wheel and return the microphone to the shock mount or clip.



To adjust the height of the shield, do the following:

1. Release the adjusting lock on the back of the shield by sliding it up approximately 1/2" until it clicks. **6**
2. Lift the shield to extend the adjustment rail to the desired height.
3. Lock the shield into place by pressing the adjusting lock down until it clicks into its original position.
4. After making sure the RF-CPB-18 is secure, return the microphone to the shock mount or clip.



## Desktop recording

The RF-CPB-18 is ideal for desktop recording applications like voiceovers, broadcasting and podcasting. For the best desktop recording results with the RF-CPB-18, use a desktop mic stand with a weighted metal base to ensure stability of your microphone and reflection filter.

To attach the RF-CPB-18 to a desktop microphone stand, follow the directions for assembling and mounting on page 4.

# 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](http://www.aurayaudio.com) or call Customer Service at 212-594-2353.

Product warranty provided by the Gradus Group.  
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