

BOYA BY-BA20

BOYA BY-BA20 Microphone Boom Arm Instruction Manual

Model: BY-BA20

1. INTRODUCTION

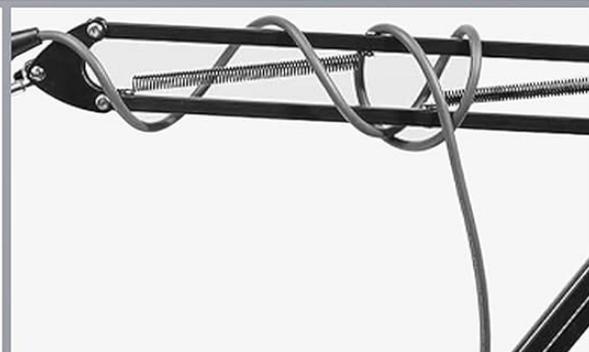
The BOYA BY-BA20 Microphone Boom Arm is designed to provide a stable and adjustable mounting solution for microphones. Its robust construction and flexible design allow for optimal microphone positioning in various recording, streaming, podcasting, and gaming environments. This manual provides detailed instructions for assembly, operation, and maintenance to ensure proper use and longevity of your boom arm.

Groove Hidden Design

Keep audio cables manageable



Inner channel for storing cable



Messy and Disorderly

Image 1.1: The BOYA BY-BA20 Microphone Boom Arm.

2. WHAT'S IN THE BOX

Please verify that all components are present before proceeding with installation:

- Microphone Arm (1)
- Desk Mount Clip (1)
- Velcro Strips (4)

- Screw Adapter (3/8" to 5/8") (1)

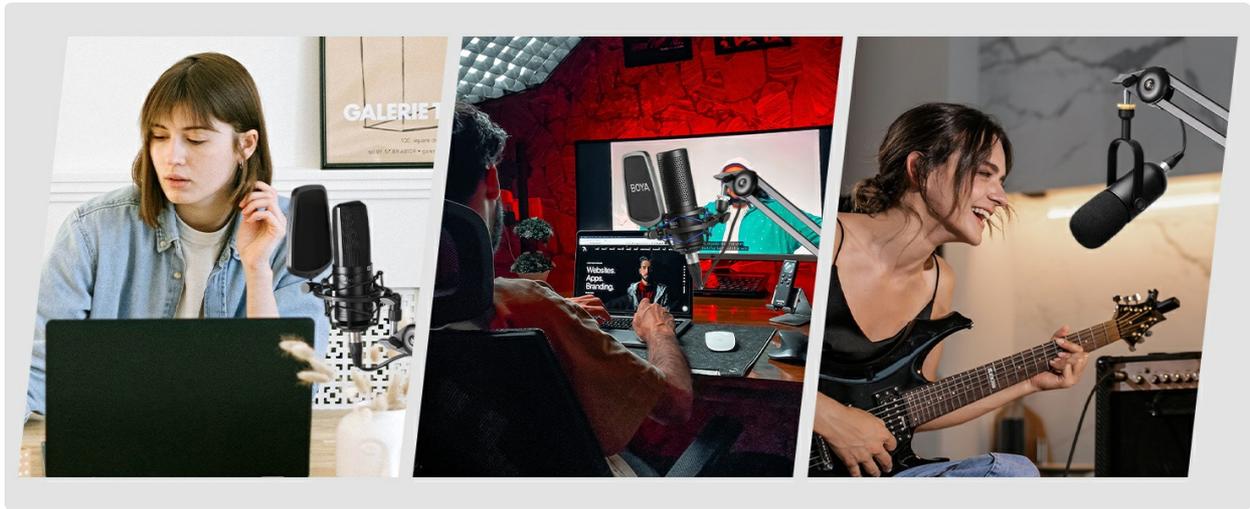


Image 2.1: All components included with the BY-BA20 boom arm.

3. SETUP INSTRUCTIONS

3.1. Mounting the Desk Clamp

1. Identify a suitable flat surface on your desk, up to 2 inches (5 cm) thick. Ensure the surface is sturdy enough to support the boom arm and microphone.
2. Place the desk mount clip onto the edge of your desk. The clip features a sponge and special texture to protect your table from scratches.
3. Tighten the screw on the desk mount clip until it is securely fastened to the desk. Do not overtighten.



Image 3.1: Securely attaching the desk mount clamp to a table.

3.2. Attaching the Boom Arm

1. Insert the base of the microphone boom arm into the hole on the desk mount clip.
2. Tighten the adjustment knob on the desk clamp to secure the boom arm in place. The arm can rotate 360 degrees at its base.

3.3. Connecting the Microphone

1. The boom arm features a universal 3/8-inch screw. If your microphone or shock mount has a 5/8-inch thread, use the included 3/8-inch to 5/8-inch screw adapter.
2. Screw your microphone or microphone shock mount onto the threaded end of the boom arm. Ensure it is firmly attached.



Image 3.2: Using the 3/8-inch to 5/8-inch screw adapter for microphone attachment.

3.4. Cable Management

The boom arm features a groove hidden design to keep audio cables organized and out of the way. Route your microphone cable along the arm and secure it using the provided Velcro strips.



Image 3.3: Utilizing the integrated cable management system.

4. OPERATING INSTRUCTIONS

4.1. Adjusting Arm Position

The BY-BA20 boom arm offers extensive flexibility for microphone positioning:

- **Horizontal Reach:** The arm can extend horizontally up to 22 inches (55 cm).
- **Vertical Reach:** The arm can extend vertically up to 24 inches (62 cm).
- **Rotation:** The arm allows for 180-degree vertical adjustment and 135-degree horizontal adjustment at its joints, in addition to the 360-degree rotation at the base.

Gently move the arm to your desired position. The internal spring mechanism will hold the microphone in place once adjusted.



Image 4.1: Demonstrating the flexible movement and rotation capabilities of the boom arm.

4.2. Load Capacity

The BOYA BY-BA20 is designed for heavy-duty use, capable of supporting microphones weighing up to 4.4 lbs (2 kg). Ensure your microphone and any accessories do not exceed this weight limit to maintain stability and prevent damage.

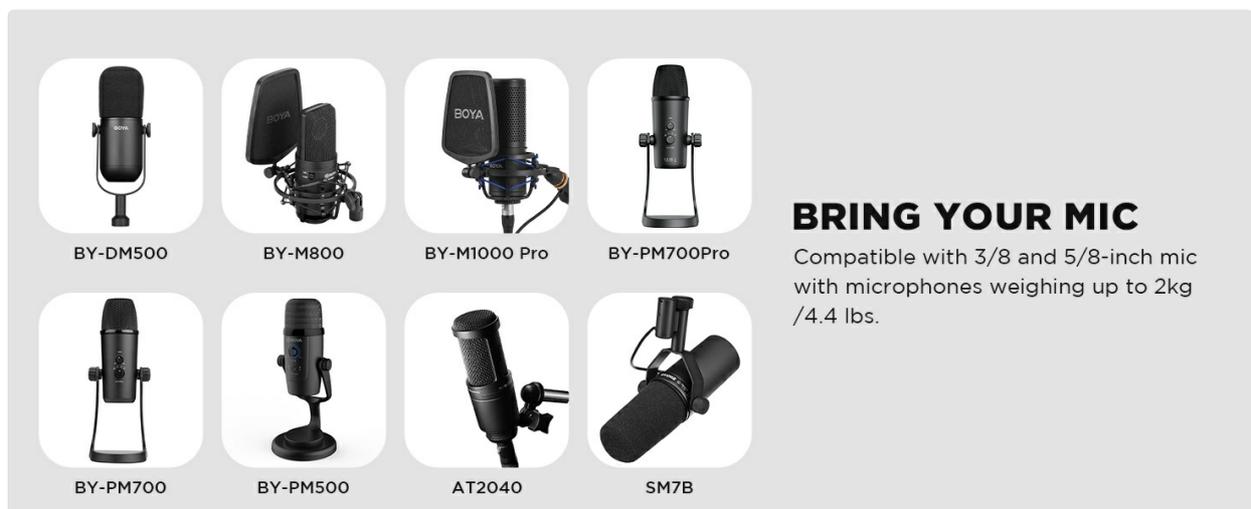


Image 4.2: The boom arm's maximum load capacity of 4.4 lbs.

5. MAINTENANCE

To ensure the longevity and optimal performance of your BOYA BY-BA20 Microphone Boom Arm, follow these maintenance guidelines:

- **Cleaning:** Wipe the boom arm and desk clamp with a soft, dry cloth to remove dust and debris. Avoid using abrasive cleaners or solvents.
- **Joints:** The internal springs are designed for durability. Avoid forcing the arm beyond its natural range of motion.
- **Desk Clamp:** Periodically check the tightness of the desk clamp screw to ensure it remains secure.
- **Storage:** When not in use for extended periods, the arm can be folded for compact storage.

6. TROUBLESHOOTING

- **Microphone not fitting the screw adapter:** Ensure you are using the correct adapter (3/8" to 5/8") for your microphone. Some microphones may have slightly different threading. If the included adapter does not fit, a compatible adapter may need to be sourced separately.
- **Boom arm feels stiff or difficult to move:** The arm is designed with internal springs for stability. If movement is excessively stiff, ensure no cables are caught in the joints and that the arm is not overtightened at the base clamp.
- **Boom arm is unstable or sags:** Verify that the desk clamp is securely tightened to a stable surface. Ensure the total weight of your microphone and accessories does not exceed the 4.4 lbs (2 kg) load capacity.
- **Desk scratches from clamp:** The desk clamp includes protective sponge and texture. Ensure these are properly positioned and that the clamp is not overtightened.

7. SPECIFICATIONS

Feature	Specification
Model Number	BA20-US
Material	Alloy Steel, Metal
Color	Black
Item Weight	2.42 pounds (1.1 Kilograms)
Max Load Capacity	4.4 lbs (2 kg)
Horizontal Reach	Up to 22 inches (55 cm)
Vertical Reach	Up to 24 inches (62 cm)
Desk Clamp Thickness	Up to 2 inches (5 cm)
Screw Adapter	3/8" to 5/8"

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official BOYA website or contact your local distributor. Keep your purchase receipt for warranty claims.