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> MAGICYOYO V12 Professional Yoyo Instruction Manual

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Model: V12 | Brand: MAGICYOYO

1. INTRODUCTION

The MAGICYOYO V12 TOPIONEER is a versatile professional yoyo designed for both beginners and advanced players. It features a dual-function design, allowing it to be used as a responsive yoyo for easy returns, or converted to an unresponsive yoyo for complex string tricks and finger spins. Crafted from high-quality aluminum alloy, the V12 offers superior stability and durability.



Image: The MAGICYOYO V12 yoyo in black and golden, shown with included accessories such as strings, bearing, axle, and tools.

2. WHAT'S IN THE BOX

- 1 x MAGICYOYO V12 (Black Golden, responsive setup pre-installed)
- 12 x Yoyo Strings (Random colors)
- 1 x 10-ball Unresponsive Stainless Steel KK Bearing
- 1 x M4*10mm Axle (for unresponsive mode)
- 1 x Bearing Puller
- 1 x Mini Allen Key

- 1 x Yoyo Storage Case

3. SPECIFICATIONS

Feature	Detail
Model	V12 TOPIONEER
Material	Aluminum Alloy 6061
Diameter	54.3mm
Width	48.3mm
Weight	66.3g
Bearing (Responsive)	Flat Bearing + 8mm Axle
Bearing (Unresponsive)	Concave Bearing + 10mm Axle
Recommended Age	8 years and up




Image: Detailed view of the MAGICYOYO V12 showing its dimensions (54.3mm diameter, 48.3mm width) and the two bearing types for responsive and unresponsive play.

4. SETUP

4.1 Attaching the String

To attach the yoyo string, first untwist one end of the string to form a loop. Place the loop over the yoyo axle and then twist the string back to secure it. Ensure the string is not tangled around the bearing.




Image: A four-step visual guide demonstrating how to properly attach the yoyo string to the yoyo.

4.2 Switching Between Responsive and Unresponsive Modes

The MAGICYOYO V12 comes pre-installed in responsive mode. To switch to unresponsive mode, you will need to replace the responsive bearing and axle with the included unresponsive 10-ball KK bearing and 10mm axle.

1. Unscrew the two halves of the yoyo.
2. Use the bearing puller to carefully remove the pre-installed responsive bearing from the yoyo.

3. Remove the 8mm responsive axle.
4. Insert the longer 10mm unresponsive axle into one half of the yoyo.
5. Place the unresponsive 10-ball KK bearing onto the axle.
6. Screw the two yoyo halves back together, ensuring they are tightly secured.




Image: A visual comparison of the components for responsive (flat bearing + 8mm axle) and unresponsive (concave bearing + 10mm axle) yoyo setups, illustrating the conversion process.

5. OPERATING INSTRUCTIONS

5.1 Responsive Yoyo Mode (Beginner)

In responsive mode, the yoyo will return to your hand with a simple tug. This mode is ideal for learning basic throws and catches.

1. **Wind the String:** Hold the yoyo in your dominant hand with the string wound tightly around the axle.
2. **The Throw:** With your palm facing up, throw the yoyo downwards with a strong, smooth motion. As it reaches the end of the string, snap your wrist slightly.
3. **The Return:** When the yoyo reaches the end of the string and spins at the bottom, give a gentle tug upwards with your hand. The yoyo should climb back up the string and return to your hand.

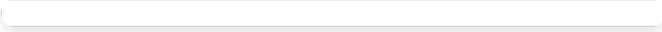


Image: Visual steps for performing a responsive yoyo throw and return (top row) and an unresponsive throw with a bind return (bottom row).

5.2 Unresponsive Yoyo Mode (Advanced)

In unresponsive mode, the yoyo will not return to your hand automatically. You must perform a 'bind' trick to make it return. This mode is used for advanced string tricks.

1. **The Throw:** Perform a strong downward throw, similar to responsive mode. The yoyo will spin at the end of the string without returning.
2. **The Bind:** To make the yoyo return, you need to create friction on the bearing. There are many bind techniques, but a common one involves placing your non-throw hand's index finger into the string loop near the yoyo, then pulling the string over the yoyo's gap while simultaneously tugging your throw hand upwards. This forces the string to catch the bearing and wind up.

5.3 Advanced Tricks

The MAGICYOYO V12 is designed for various advanced tricks, including finger spins and edge hook finger spins, thanks to its conical finger spin groove and concave outer ring.



Image: A person demonstrating a finger spin trick, where the yoyo spins on their finger.

Image: A person demonstrating an edge hook finger spin trick, showcasing the yoyo's design for such maneuvers.

5.4 Official Product Video: DNA Yoyo V12 Tricks Performance

Video: A demonstration of various advanced yoyo tricks, including DNA spins, performed with the MAGICYOYO V12. This video provides visual guidance for mastering complex maneuvers. (Duration: 0:25)

6. MAINTENANCE

6.1 String Replacement

Yoyo strings wear out over time and should be replaced regularly to ensure optimal performance and safety. Replace the string if it becomes frayed, dirty, or loses its elasticity.

6.2 Bearing Care

Keep the bearing clean and free of debris. If the bearing becomes noisy or spins poorly, it may need cleaning. Use a bearing cleaning solution or mineral spirits. Avoid using thick lubricants, as they can make an unresponsive yoyo responsive.

6.3 General Care

Store your yoyo in the included storage case to protect it from dust and impacts. Avoid dropping the yoyo on hard surfaces, as this can damage the aluminum body or the bearing.

7. TROUBLESHOOTING

- **Yoyo not returning (Responsive Mode):** Ensure the string is properly attached and not too worn. The bearing might be dirty or need a small amount of thin yoyo lube.
- **Yoyo not returning (Unresponsive Mode):** This is normal. Ensure you are performing a proper bind trick. If the yoyo is unexpectedly responsive, the bearing might be dirty or have too much lubricant.
- **Yoyo wobbles:** Check if the yoyo halves are screwed together tightly. Ensure the string is not twisted or tangled. A bent axle can also cause wobbling.
- **String breaks frequently:** Inspect the yoyo's gap for any sharp edges that might be cutting the string. Replace the string regularly.

8. SAFETY INFORMATION

WARNING: Not for children under 3 years old. Contains small parts which may present a choking hazard. Adult supervision is recommended for younger users.

Always ensure the yoyo string is in good condition. A frayed or broken string can cause the yoyo to fly off unexpectedly. Do not throw the yoyo near people, animals, or fragile objects.

9. WARRANTY AND SUPPORT

For any questions, concerns, or support regarding your MAGICYOYO V12, please refer to the contact information provided with your purchase or visit the official MAGICYOYO website. Keep your proof of purchase for warranty claims.

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