

# MC2™ RACING WHEEL

## FOR THE XBOX™ VIDEO GAME SYSTEM

ENGLISH

Thank you for purchasing the Mad Catz MC2 Racing Wheel for use with the Xbox video game system. The Mad Catz MC2 Racing Wheel will give you precision control and enhance the realism of all your Xbox driving games. This user guide will help you understand how to use your MC2 Racing Wheel and get the most from the features it has to offer.

The Mad Catz MC2 Racing Wheel is one of the most durable and reliable accessories you can buy. Be sure to visit [www.madcatz.com](http://www.madcatz.com) to register your product and check out our full line of other quality video game accessories.

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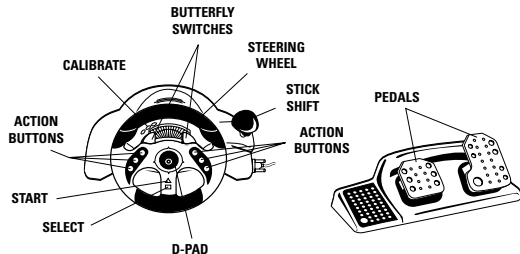
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## SETUP

**IMPORTANT!** Before using this product, read the Xbox video game system instruction manual for safety, health, and other information.

1. Make sure the Xbox video game system is turned OFF. Connect the MC2 Racing Wheel to the Xbox video game system.
2. Insert game and turn on power to the Xbox video game system on. **DO NOT MOVE THE STEERING WHEEL DURING START UP.** The controller uses this time to calibrate.

## MC2 RACING WHEEL LAYOUT



### Steering Wheel

This is the heart of the controller. It provides all of your steering control. Because it is true analog, you will get more responsive and accurate control.

### Pedals

Provide analog acceleration (right pedal) and braking (left pedal). The pedals emulate the right and left analog triggers (respectively).

### Stick Shift

Emulates buttons 'X' and 'A'. Press forward on the stick to press 'X', pull backwards for 'A'.

### Directional Pad

This emulates the D-pad found on most control pads. This is used for navigating through the menus and making menu changes.

### Action Buttons

These buttons are fully analog and correspond to specific game functions detailed in your software documentation and options menu.

## Butterfly Switches

Press the left butterfly IN and button 'A' is emulated (full on). Push the left butterfly OUT and the 'button under the left analog joystick' is emulated.

Press the right butterfly IN and button 'X' is emulated (full on). Push the right butterfly OUT and 'button under the right analog joystick' is emulated.

## Retractable Leg Straps

There are two retractable leg straps on the base of the MC2 that can extend to provide stability, comfort and added support when the wheel is on your lap.

## Suction Cups

There are three suction cups on the base of the MC2 for mounting to a table or desktop.

## Start Button

Functions the same as in the standard controller.

## Back Button

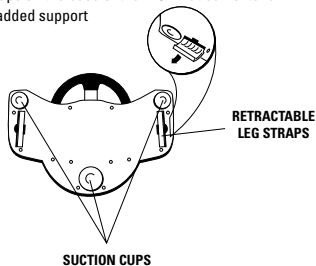
Functions the same as in the standard controller.

## Calibrate Button

Engages Accudrive mode (see Steering Wheel Adjustment section below).

## STEERING WHEEL ADJUSTMENT

Many steering wheel compatible and analog controller compatible games will offer a variety of controller configurations and settings in the game's options menu. The different controller configurations will allow the user to select and assign different functions to different buttons.



The MC2 comes equipped with AccuDrive™ Calibration System (ACS). The ACS display on the MC2 has two purposes: it provides a visual indication of throttle level during game play and provides visual feedback when adjusting calibration settings.

The ACS is designed to adjust characteristics of the steering response. There are two different attributes that can be adjusted in steering performance: maximum range, and deadband.

The deadband setting indicates how far from center the steering wheel must be turned before any action occurs. A large deadband setting requires a large movement from center before any action occurs on-screen; a small deadband setting results in almost immediate action when the wheel is moved off center.

Maximum range refers to how far the steering wheel must be turned to reach the maximum turn position. This is mostly a matter of personal preference; some people like to throw the steering wheel hard from side to side, while others like more sensitive steering. The sensitivity on the MC2 can be adjusted from full throw to less than half of that.

## Programming

To use the Accudrive feature simply press the 'Calibrate' button. Two red LED's near the center will show the current deadband setting, and two green LED's near each end of the display will show the current maximum range setting. To adjust the settings, use the 'Up/Down' buttons on the D-pad to widen/narrow the deadband, and the 'Left/Right' buttons to widen/narrow the amount of distance needed to move the wheel to achieve maximum turning position. The deadband and maximum range features offered on this controller are in addition to any calibration adjustments which may be made by the game software. Many games offer calibration screens in the game options menu. **BE AWARE THAT A LARGE CONTROLLER DEADBAND AND A LARGE SOFTWARE DEADBAND WILL ADD TOGETHER AND RESULT IN A VERY LARGE TOTAL DEADBAND, MAKING THE GAME DIFFICULT TO CONTROL.**

## CAUTIONS

- **IMPORTANT!** Before using this product read all accompanying information and your game system's instruction manual for safety, health and other information.
- To prevent fire or shock hazard, do not expose this unit to rain or moisture. Do not use with 30' of any water such as swimming pools, bathtubs, or sink.
- To avoid electrical shock, do not disassemble. Refer servicing to qualified personnel only.
- Never push objects of any kind, other than authorized items, into the product as they may touch dangerous voltage points or short out parts that could result in fire or electrical shock.
- Stop using this unit immediately if you begin to feel tired or if you experience discomfort or pain in your hands and/or arms while operating the unit. If the condition persists, consult a doctor.
- Do not attempt to operate the unit in any way except with your hands. Do not bring the unit in contact with your head, face, or near the bones of any other part of your body.
- The vibration function of this unit can aggravate injuries. Switch off or do not use the vibration function of the unit if you have any ailment of the bones or joints of your hands or arms.
- Avoid prolonged use of this unit. Take breaks every 30 minutes.
- Route all cords so that they are not likely to be walked on or tripped over. Make sure that cords are not placed in positions or areas where they may become pinched or damaged. Do not wrap this cord around any part of anyone's body.
- Do not allow children to play with cords.
- Use this unit only as intended.

## TROUBLESHOOTING

Below are answers to frequently asked questions.

- Problem:** The MC2 Racing Wheel will not function.  
**Solution:** If the MC2 Racing Wheel continues to not function, turn the power to your Xbox video game system® OFF, disconnect the MC2 Racing Wheel and reconnect the MC2 Racing Wheel. Turn the power on to your Xbox video game system and retry the game.
- Problem:** Vehicle control is touchy or sluggish.  
**Solution:** Go to the software options menu and adjust the steering sensitivity and dead zone if available.
- Problem:** The vehicle drifts in one direction.  
**Solution:** Unplug the controller and plug back into the console. Restart the system if necessary.
- Problem:** The game acts as if one of the pedals is being activated.  
**Solution:** Unplug the controller and plug back into the console. Restart the system if necessary.
- Problem:** I'm playing a Vibration Function compatible game and it's not vibrating.  
**Solution:** Some software titles require you to manually turn the vibration option on in the option menus.
- Problem:** User gets no response on screen to any movement of controls.  
**Solution:** Make sure you are not in Accudrive Mode.

## TECHNICAL SUPPORT

Mad Catz provides technical support for all of its products in a variety of ways.

**Online** - Check the Mad Catz Home Page at [www.madcatz.com](http://www.madcatz.com). There you will find up-to-the-minute solutions, tips, and information for all of our products. Our comprehensive Tech Support area offers answers to nearly every question.

**E-mail** - You can send e-mail to our Support Technicians at [techsupport@madcatz.com](mailto:techsupport@madcatz.com). In most cases, you will receive a reply within one business day.

**Telephone** - Technical Support is available from 8 A.M. to 4 P.M. pacific standard time, Monday through Friday (excluding holidays) at 1.800.659.2287 (U.S. only) or 1.619.683.9830 (outside U.S.)

**Fax** - Technical Support is available via fax at 1.619.683.9839.

## WARRANTY

When you purchase from Mad Catz, you purchase quality. We put our products through comprehensive tests to ensure the highest reliability and compatibility. You will probably never encounter a problem with our products, but if you should experience any difficulties, Mad Catz offers a five (5) year replacement warranty on this product. Mad Catz warrants to the original consumer purchaser that this product is free from defects in either material or workmanship. If a defect covered by this warranty occurs, Mad Catz, at its option, will repair or replace the product at no charge. Mad Catz' products are tested to withstand normal wear and tear, but are not indestructible and can be damaged if misused. The Mad Catz warranty does not cover normal wear and tear or abusive use. This warranty does not apply to products used for any industrial, professional or commercial purpose. This warranty does not apply to products that have been damaged by abuse, misuse, modification or tampering or by any other cause not relating to either materials or workmanship. If a replacement is necessary and your product is no longer available, a comparable product may be substituted at Mad Catz' sole discretion. The Mad Catz limited lifetime warranty is available to North American customers only, including Canada, Mexico and the United States

To activate your five (5) year warranty, you must:

- Register your Mad Catz product on the web at [www.madcatz.com](http://www.madcatz.com)
- To obtain warranty service, you must:
- Call Mad Catz Technical Support at 1.800.659.2287 (USA only) or 1.619.683.9830 (outside USA)
  - Obtain a Return Authorization Number from Mad Catz Technical Support
  - Return the product to Mad Catz with the postage prepaid and insured. Mad Catz will not be responsible for any loss or damage during shipment. Mad Catz will pay the full return shipping (see return address below)

- Enclose a copy of the original sales receipt showing a purchase date
- Enclose a full return address along with daytime and evening phone numbers

Be sure to package the product so that it will not become damaged in shipping. We recommend placing the original box inside another box packed with packaging material. Mad Catz, Inc. will not be responsible for any damage or loss to the product in shipment

All returns should be addressed to:

**Mad Catz, Inc.**  
**ATTN: WARRANTY**  
**7480 Mission Valley Rd**  
**Suite 101**  
**San Diego, CA**  
**92108-4406**

Please allow for 4 to 6 weeks for processing. In the event of a problem, we will contact you at one of the phone numbers provided.

### FCC Advisory Statement

Note: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed or used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Where shielded interference cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulations.

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Questions? Visit our web site at [www.madcatz.com](http://www.madcatz.com) or call 1.800.659.2287 (USA only) or 1.619.683.9830.

Product No. 4520 8/02