

**ROBOT ARENA™: CONSTRUCT DEMOLISH CONTROL**  
**PC MANUAL FRONT COVER**

<http://www.replacementdocs.com>

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## FIRST THINGS FIRST

### The ReadMe File

The *Robot Arena™: Construct Demolish Control* CD-ROM game has a ReadMe file where you can view both the License Agreement and updated information about the game. We strongly encourage you to take the time to read this file in order to get the benefit of changes made after this manual went to print.

To view this file:

- Double-click on it in the *Robot Arena 2* directory found on your hard drive (usually C:\Program Files\Infogrames\Robot Arena 2\ReadMe), or
- Click on the Start button on your Win98/Me/2000/XP taskbar, then on Programs, then on Infogrames, then on *Robot Arena 2*, then on *Robot Arena 2 Help*, and finally on the ReadMe file item, or
- From the launcher screen, click on ReadMe.

### System Requirements

|                   |  |
|-------------------|--|
| Operating System: | Windows® 98/Me/2000/XP   |
| Processor:        | 450 MHz Pentium® II or higher  |
| Memory:           | 64 MB RAM  |
| Hard Disk Space:  | 170 MB Free  |
| CD-ROM Drive:     | 4X Speed (8X recommended)  |
| Video:            | 16 MB 3D Windows® 98/Me/2000/XP-compatible video card*<br>(software mode not supported)    |
| Sound:            | Windows® 98/Me/2000/XP-compatible sound card*  |
| Multiplayer:      | TCP/IP (LAN or Internet)   |
| Modem:            | High-speed Internet connection required for online play<br>(DSL or cable modem, or faster) |
| DirectX®:         | DirectX® version 8.1 (included) or higher  |
| Controllers:      | Mouse/keyboard (Gamepad optional)  |

\* Indicates device should be compatible with DirectX® version 8.1 or higher.

## SETUP AND INSTALLATION

1. Start Windows® 98/Me/2000/XP.
2. Insert the game disc into your CD-ROM drive.
3. If AutoPlay is enabled, a launcher screen should appear. If AutoPlay is not enabled, double-click on the "My Computer" icon on your Windows® desktop. Next, double-click on your CD-ROM icon to install the game. If the install screen still does not appear at this point, locate the "setup.exe" file in the install folder of the game disc and double-click on it.
4. Follow the remainder of the on-screen instructions to finish installing the CD-ROM game.
5. Once installation is complete, click on the Start button on the Windows® taskbar and choose Programs/Infogrames /Robot Arena 2/Robot Arena 2 to start the game. Or, from the launcher screen, click on Play.

**Note:** You must have the *Robot Arena: Construct Demolish Control* game disc in your CD-ROM drive to play.

### Installation of DirectX®

The *Robot Arena: Construct Demolish Control* CD-ROM requires DirectX® 8.1 or higher in order to run. If you do not have DirectX® 8.1 or higher installed on your computer, click "Yes" when asked if you would like to install it.

## WELCOME TO ROBOT ARENA™!

Build the ultimate fighting robot!

It's machine versus machine in fast-paced, arcade-style combat where robots fight other robots. The action begins in the Robot Workshop, where players choose motors, frames, weapons and more to assemble totally unique creations to do battle. Then it's off to wage war in a variety of arena-style contests filled with ramps, platforms, obstacles and hazards that dramatically affect the match. It's no-holds-barred combat where the last one rolling wins!

## MAIN MENU

Following the opening animations, you will see the Main Menu screen. Here you can choose from the following options:

**Exhibition:** Begin an exhibition game of *Robot Arena*.

**Team HQ:** Create a team, design robots and play single-player tournaments.

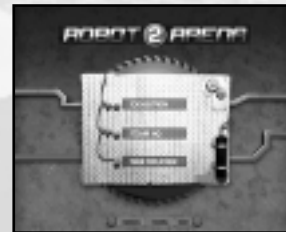
**Multiplayer:** Play *Robot Arena* with your friends (and enemies) via LAN or the Internet.

At the bottom of the Main Menu screen are the following three options:

**Options:** Change video and audio settings.

**Credits:** Read these carefully. There will be a quiz.

**Quit:** Don't forget to turn out the lights in the Robot Workshop before you go.



## EXHIBITION

Clicking on the Exhibition button at the Main Menu brings you to the exhibition match screen. Here you can set up a quick single-player match. You can also play an exhibition game with multiple people on the same computer as long as all the human-controlled robots in the exhibition match use different controls.

Click on the buttons on the upper left of the screen to choose from the following:

- **Game Settings**
- **Arena**
- **Robots**

### Game Settings

Choose a match type, weight class and match time (length).

### Match Types

*Robot Arena* matches come in five different flavors:

- **Deathmatch:** Two bots face off head-to-head in a standard combat arena. The object of a Deathmatch game is to disable (immobilize or destroy) your opponent, or at least cause more total damage than your opponent.
- **Battle Royal:** Three or Four bots meet in a Deathmatch free-for-all.
- **Team Match:** Four bots compete in a team Deathmatch.



- **Tabletop:** Up to four bots compete to knock one another off an elevated platform.
- **King of the Hill:** Two to four bots fight to occupy a point zone longer than any other competitor.

### Weight Classes

You can choose to allow all weight classes in the exhibition match or choose to restrict entrants to one of the three weight classes:

- **Lightweight:** 0 to 249.9 kilograms
- **Middleweight:** 250 to 399.9 kilograms
- **Heavyweight:** 400 kilograms and up

### Match Time

Choose a time limit (in minutes) for the match. If you choose No Limit, the match will continue until only one bot remains functional.

### Arena

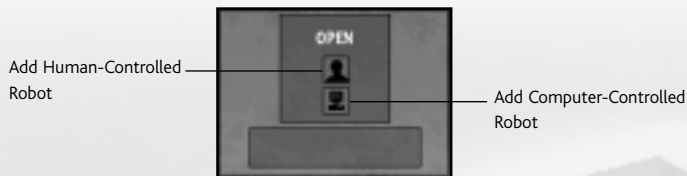
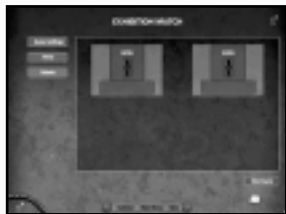
Choose an arena for your exhibition match. The arenas available will depend on the game type you have chosen in the Game Settings screen.

If the Hazards Enabled box is checked, the bots will have to contend with arena hazards such as hammers, saws and flamethrowers.



## Robots

Up to four bots may compete in an exhibition match, depending on the game type you have chosen in the Game Settings screen (Deathmatch, Tabletop, etc.). Click on the blue "human" icon to add a robot you control. Click on the green "computer" icon to add an AI (computer-controlled) robot. You'll see icons for the weight classes on the bot pictures: Lightweight (blue L), Middleweight (green M) and Heavyweight (red H).



**Note:** There are prefabricated (default) robots available if you don't feel like creating your own custom bot.

Once you have added a human or AI bot to an empty slot, the display changes:



Once all bots have been added, click on the Start Game button to begin the match.

## TEAM HQ

The Team HQ functions as the nerve center. Here you can create teams and custom robots as well as play against AI robots in league play lasting multiple seasons.

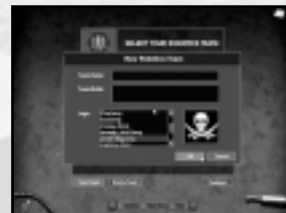
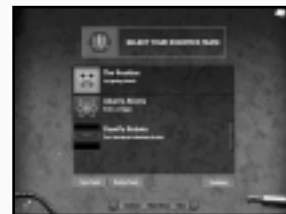
When you first install the game, only one team will be available ("The Rookies"). You can get started immediately with this team, or you can create your own team by clicking on the New Team button.

Enter a name to identify your team, add a motto if you desire, and choose a logo for your team. Once you have created or selected a team, click on the Continue button to proceed to the Team HQ.

## Robot Inventory

Your robot inventory lists all the robots on your team; every team can have up to six robots on its roster. If you create your own team, there will be no robots in your roster at first. You must either build or import at least one robot for your team.

To create a new robot in the Robot Workshop, select one of the slots marked New Robot and click on the Workshop button in the lower right of the screen. Similarly, if you wish to edit an existing robot, select the robot, then click on the Workshop button. If you do not want to create your own robot, click on the Import button to choose from one of the "extra" robots included in the game.



To share robot designs with friends, you can export and import designs by clicking on the appropriate buttons. Designs are exported to and imported from the “Robot Designs” folder in the *Robot Arena 2* directory on your hard drive (the full pathway to the default directory location is usually C:\Program Files\Infogrames\Robot Arena 2\Robot Designs).

You may also choose to scrap a robot design and start over by clicking on the Scrap Bot button.

For more details, see the Robot Workshop section of this manual, starting on page 18.

## League Standings

League Standings shows your team’s current rank in the league. Each time you create a team, it is entered in a league to compete in a series of events against the AI teams. Exhibition and multiplayer games have no effect on your league standings, and multiple teams stored on the same computer are considered to be in separate leagues and do not compete against one another.

## Event Schedule

The Event Schedule shows various events in which you can compete. Each event is different from the others in the schedule — for example, Deathmatch play against individual opponents, Tabletop games against three opponents, etc. Your performance in each event directly affects your league standing for the current season.

Click on a event to enter, then choose a robot to use for that tournament. You must use the same robot for the entire tournament, but you may use different robots in different events without affecting your league standings.

Once you have entered an event, you will see the “event bracket,” which lists the teams entered in the event and the current matchups. As teams win or lose matches within the event, the field is narrowed to the remaining winners. Click on the Play Next Round button to play your next match, or choose the Finish Later button to take a break from playing.

Each season has nine events. After you have played in all nine, the season will end and another season of nine events will begin. League standings do not carry over from season to season.

## Team History

This lists your “kills,” your current and past season rankings, and all of the trophies you have won.

## SAVING

Once a tournament match is complete, your win or loss is noted in League Standings and Team History. Additionally, your robot design is saved whenever you leave the Robot Workshop. However, you cannot save a specific game and load it later.

## MULTIPLAYER

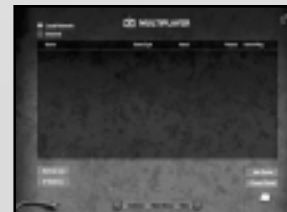
Clicking on the Multiplayer button on the Main Menu brings you to the Multiplayer screen. You can compete against other players over a LAN (Local Area Network) or via the Internet using GameSpy. **Note:** If you want to play a head-to-head match with more than one person playing on the same computer, choose Exhibition from the Main Menu.

To play a LAN game, make sure the option at the top of the screen is set to Local Network. If you want to play a game via the Internet, change the option to Internet.

Click the Refresh List button to show all available games on the LAN or on the Internet. Select a game to join in the list and click the Join Game button. Some games may be locked with a password if the host has decided it is a private match.

Depending on the game type selected by the game host, a multiplayer game can have two to four players in any individual match. More than four players can join a server as spectators, however.

Click on the Create Game button to host your own multiplayer game.



## Creating a Multiplayer Game

Clicking on the Create Game button brings you to the Create Multiplayer Game screen.

Give your game a server name so that other players can recognize it when they browse for the match. You can choose to make your game available only over a LAN, or open it up to players over the Internet.

Another option is to set a password so that other players who try to join the game must enter the password. This is to set up a private match between you and your friends and keep out anyone you have not invited beforehand.

Choose a match type and arena (see the Exhibition section on pages 6–8 for details). You will also notice that there is no button for choosing robots here. Robots are not selected until the game is hosted and players have joined. This allows you to change robots between matches in a multiplayer game.

Click on the Start Game button to start hosting the game once you have chosen your preferred settings. You can change the game settings and arena later if you need to, but the server name and other network settings cannot be changed after this point without starting a new multiplayer game session.

**Note:** *Robot Arena* uses GameSpy for hosting and joining Internet games. A firewall may prevent you from hosting an Internet game.

## Multiplayer Lobby

This screen is the multiplayer pre-match area. Players, including the host, enter this area and choose robots to compete. Up to four robots can compete at a time (only two in a Deathmatch), but more than four people can join the pre-match screen. Players who do not end up competing in a match will be able to watch the game as spectators.

At the bottom of the screen you can change your chat alias. This name identifies you in this screen.

**Chat Messages: Infogrames does not monitor, control, endorse, or accept responsibility for the content of chat messages. You are strongly encouraged not to give out identity or other personal information through chat message transmissions. Kids, check with your parent or guardian if you are concerned about any chat you receive.**

To enter a robot in the match, click on the Human Player icon in one of the four robot slots, (like adding a human player to an exhibition match). If all slots are full, you will need to wait until one becomes open, but you will be able to watch while waiting for your turn.

When you are ready, click the Ready box next to your robot.

The host has a few extra options here. You can eject players from a slot if they aren't playing nicely. You can also change the game settings to pick a new game type or different arena. When all players are ready, the host clicks the Begin Match button to actually start the match. You may also add computer-controlled robots to the game to fill out the roster while waiting for more players to join.

At the end of a match, all players and spectators return to this screen to either begin again or to select new robots.

## USING GAMESPY ARCADE

In addition to using the in-game browser to join and create games, you can also play *Robot Arena* online through GameSpy Arcade. If you haven't done so already, you may insert your game CD-ROM and install GameSpy Arcade at any time. Then, to play online, just follow these simple instructions:

**Launch GameSpy Arcade and Go to the *Robot Arena 2* Room:** Click on the GameSpy Arcade link in your Start Menu. When the software starts, you'll see a list of games and more along the left-hand side. There's plenty to do, but there's time for that later: Click on the *Robot Arena 2* button on the left to enter the *Robot Arena 2* room.

**Find or Start a Server:** Once you're in the *Robot Arena 2* room you can meet or greet other players, find servers or create your own server. The top half of the application will list all of the available servers, including the number of people playing and your connection speed. Click on the Create Room button to start your own server and wait for people to sign up. Or, double-click on a server of your choice to join in.

**Joining and Starting a Game:** Once you double-click on a server or start your own, you'll be in a staging room, in which you can trash talk with your fellow players and prepare for combat. When you're ready to play, click the Ready button at the top of the screen. When everyone in the room has signaled their readiness, the host can then launch the game. Arcade will fire up *Robot Arena*. Let the battle begin!

### Problems?

If you have problems using Arcade, whether installing, registering, or using it in conjunction with *Robot Arena*, consult GameSpy help pages, located at <http://www.gamespyarcade.com/help> or e-mail us by using the form located at <http://www.gamespyarcade.com/support/contact.shtml>.

**Infogrames does not control, and disclaims any responsibility or liability for, the functioning and performance of third-party web sites and any content on or available through third-party web sites.**

## GAMEPLAY SCREEN

The gameplay screen is where the real action happens! Whether you are playing an exhibition match, a multi-player game, or playing through the single-player tournament events, this screen will look and function similarly.

In a single-player game, a brief introduction will precede the match, describing the arena and its hazards. Click on the Skip Intro button to skip this introduction.



## HUD



The corners of the screen display the amount of damage the various robots have taken, the amount of battery power and compressed air pressure they have remaining, the status of their control boards, and the points each they have earned in the current match.

## Controls

Your robot's controls depend on the individual robot you have selected. When you design a robot from scratch, you set up its controls yourself. For all default robots (which are installed along with the game), the controls are as follows:

| Action      | Key                      |
|-------------|--------------------------|
| Forward     | W                        |
| Backward    | S                        |
| Turn Left   | A                        |
| Turn Right  | D                        |
| Fire Weapon | Spacebar (if applicable) |

**Note:** The default robot named "Forkie" also uses the R and F keys to raise and lower its lifting fork.

## Damage

The goal of a battle is typically to eliminate or immobilize your opponents, or, barring this, earn more points than your opponents while avoiding elimination or immobilization yourself. You damage other robots by hitting them with your weapons or chassis, or by pushing or luring them into the hazards scattered throughout the different arenas. Be careful with your attacks, however, as every time you strike your opponent, your own robot takes a small amount of damage from the attack. Be sure you always have a few secondary attacks up your sleeve, or you'll find yourself in trouble late in a match.

As you do damage to opposing robots, you will see numbers on your screen. Green numbers are points scored by damaging your opponents, while red numbers are points you are taking from hazards.

## Scoring

If you are unable to eliminate or immobilize your opponents in a match, you can still win by earning points for damaging opposing robots. In King of the Hill matches, you earn points for occupying the point zone at the center of each arena.

## Eliminating Opponents

A robot can be eliminated from a battle in several ways.

The most exciting way to eliminate an opponent is to batter it into scrap with your brilliant assault. As you damage the opposing robot, you may be able to remove its wheels and weapons, and you will see its armor become crumpled and flattened by your own attacks. Once you have done full damage to an opponent's armor, you can begin to damage its control board. Every time you hit an opponent's control board, a brief flash of blue sparks will surround that robot. When you have hit the control board three times, the robot is destroyed.

If a robot becomes immobilized for more than 10 seconds, it is eliminated from the match. Robots can be immobilized by being flipped upside down, by becoming suspended between the edge of a ramp or platform and the arena floor, or by having all their wheels knocked off by a particularly industrious opponent.

Additionally, robots can be eliminated from a match by falling into (or being knocked into) pits in the arena.

**Note:** In Tabletop matches, the goal is to eliminate your opponents by knocking them off the play surface into the pit surrounding the "tabletop."

## Camera Control

Whenever a new match begins, your robot will be in the center of the screen, and the camera will follow your movements through the arena. If you wish to change the camera view, press the following keys:

| Camera Angle         | Key |
|----------------------|-----|
| Orbit Camera         | F2  |
| Cycle Static Cameras | F3  |
| Watch Camera         | F4  |

**Note:** See "Default Camera Type" under "Video Options" on page 25 for more information.

When the match is over, the Match Results screen is displayed. All robots entered in the match will be shown along with their point totals. If a robot has been eliminated, the Match Results screen will indicate how it was eliminated, and the Match Winner will be identified.

## Repair Screen

If you are playing the single-player tournaments, you will take damage in each round. If you win a round, you will find yourself at the Repair Screen where you will have a half hour of "game time" to repair your robot before the next round begins. Each repair takes a certain amount of time to complete. By selecting a repair from the list and clicking on the Repair

button, you can fix various parts of your robot before the next round begins. You might not have time to fix everything, so choose which things you think are most important to repair. Items marked with an asterisk (\*) have been knocked off your robot and will not be available in the next round unless you repair them!

Click on the Finished button when you are ready to continue.

## ROBOT WORKSHOP

The Robot Workshop, accessed via the Team HQ, allows you to create your own robot designs "from scratch." Create a chassis design, add components — motors, control boards, batteries, weapons and more — wire your controls, and pick a paint job for your robot. Then use your custom robot to compete online or against the computer opponents.

The Workshop is a place for experimentation and learning, so feel free to try different options as you build your robots.

The Workshop is divided into several sections:

- **Overview**
- **Chassis**
- **Components**
- **Wiring**
- **Paint Shop**
- **Test Robot**

We *strongly* recommend you review the Tutorials to learn how to use the tools available in the Robot Workshop. These Tutorials provide complete, illustrated instructions for creating the robot of your dreams. To access them, click on the Start button on your Windows® taskbar, then on Programs, then on Infogrames, then on *Robot Arena 2*, then on *Robot Arena 2 Help*, and finally on the Tutorials item.

## Overview

At the top of the screen there are buttons for each area of the workshop. You'll begin in the Overview area, but can switch from one area to another as you work on your robot. Some areas are dependent on others. For example, you can't add components to your robot until you have created a chassis, and you cannot wire your robot's controls until you have added a control board to your design.



Most of the workshop areas have a 3D view of your robot on the left side of the screen, and some options or controls on the right side. If you haven't built a robot chassis yet, you won't see anything in the 3D view.

The Overview section lets you name your robot and shows you how much the robot currently weighs. You can also take a "snapshot" of your robot that is used in other areas of the game as a preview of the robot.

Use the Forward Heading slider to indicate which direction is "front" for your robot. This can become important if you find that your robot is beginning matches facing the wrong way.

Rotate nearly any 3D view in the Workshop by clicking and dragging in the window with your right mouse button. Zoom using the mouse wheel (or the Page Up and Page Down keys).

## Chassis

This is the area where you create the main framework that makes up the shape of your robot and select an armor material used to construct it.

### Structure Design

*Robot Arena: Construct Demolish Control* lets you design your own custom chassis shape. Click on the Structure Design button to show a blank blueprint. If you already worked on a chassis during this session, you will see your last chassis shape.

Step 1 of creating your chassis is to draw the outline of your robot baseplate (the bottom of your robot). Imagine you are looking at the robot from the top down, and begin plotting points on the blueprint grid to draw your outline. If you choose Draw Freeform, place the mouse cursor over the grid and click the left mouse button to place points and make a shape. There are a few rules to follow:

- Your final point must connect back to the first one.
- No lines can ever intersect.
- No two points can be closer than one grid unit.
- Corner angles cannot be smaller than a minimum angle amount.
- You have a maximum of 16 points.

If you choose Circle, use the slider to adjust the radius. If you choose Rectangle, use the Length and Width sliders to create the shape you want.

In Step 2, the baseplate shape that you drew has been extruded into 3D space. The Height slider sets how high the top of your chassis is. The 3D window on the right shows a preview of the chassis. Click the right mouse button, then drag and rotate the shape. You still have a blueprint to work with (on the left side of the screen), but now you are editing the *top* outline of your robot. You can't draw a new shape, but you can move points to a new position. This lets you create slanted panels to modify the chassis shape.



When you are finished editing points and are satisfied with the height of the chassis, click on the Finished button. Once you have added components to your chassis, you will not be able to modify the shape of the chassis without deleting the components, so make sure you have the design you want before continuing.

### Armor

After you have created a chassis, you can add armor to the chassis. You may add armor immediately, or add armor after you have decided on your internal components.

You have a choice between four armor types, each with a different strength (the number on the left) and weight (the number on the right). You might want a lighter material so that your robot can make a certain weight class or to drive faster. Or, if you aren't concerned about weight and speed, you can pick a heavier material to give your robot more protection.

If the Apply Default Chassis Appearance box is checked when you pick an armor type, your chassis appearance will be modified to look like that particular armor. If you prefer to paint the chassis surface yourself (or have already done so), you can uncheck this option and your chassis appearance will not be changed. Note that weight and defensive strength of your armor are not affected by this option, only the visual appearance.

**Note:** You can return to the armor screen at any time to change the armor for your robot.

### Components

Here you see a transparent 3D view of the chassis that lets you see the shape of your robot and also place components inside of it. Click and hold the right mouse button with the cursor over the 3D view of your robot to rotate the 3D view. Use the mouse wheel to zoom in and out. You will need to adjust your view often to accurately place components.



Click any of the categories in the upper right of the screen (Power, Extenders, Mechanics, etc.) to display a list of components. Notice that these lists each scroll from left to right. Select a component to show a preview and description. The preview window may show green attachment points that you can click on to select; when you attach the component to your robot, it will be attached at the green attachment point.

To place a component on the baseplate, click on the Attach button to begin the attachment process. The component will appear in your 3D view at the position of your mouse cursor. Move your mouse over the robot and the component aligns itself to the baseplate, showing that it can be placed there. To place the component, click your left mouse button. The component must be completely inside the chassis. If it is intersecting with a chassis wall or another component, it will appear red, indicating an invalid position.

If you want to rotate a component, hold down the Shift key and move your mouse. If you want to raise a component up off of the baseplate, hold down the Ctrl key. These modifiers must be used before the component is placed. Once placed, a component cannot be moved (unless you remove it and replace it). To remove a component, select it in the 3D view and click on the Remove button, or press the Delete key.

Some components cannot be attached directly to the robot and must be attached to other components. For example, a wheel can only attach to a motor axle. The attachment process is the same, but instead of holding the component over the baseplate, hold it over the component to which you want to attach it. It will snap to the nearest valid attachment point.

## Wiring

The wiring screen has a blank robot controller that you can build however you like. There are nine empty slots for controls that can be wired to components in your robot.



There are three different control types available:

- Switch:** This toggles power ON or OFF each time you use it.
- Button:** This sends power to a component while the button is pressed, and turns power OFF when the button is released. It is also used to trigger components needing instant input, such as a burst motor.
- Analog:** This is like a gamepad (or joystick) and provides variable power to a component. If you are using a keyboard to control your robot, the analog control can only send full 100% positive or negative power. With an analog gamepad connected, you can use the sensitivity of the device to send partial power.

Click and drag any of the control types onto an empty slot in your controller. A window will ask for a name for this control as well as the input that will activate it, such as a key on your keyboard or a button on a gamepad. Click the input field and press a key on your keyboard or a button on your gamepad to assign it to the selected control.

To wire the control to a specific component, select the control you placed (a selected control is outlined in blue), then click on a motor or piston in your 3D view. Some motors and pistons can only be wired using certain control types. For example, a burst motor can only be wired using a button to trigger it.

The component-wiring window will then give you options to specify how the control will affect the component. Some components may only have one option. Others, such as a spin motor, may be wired to spin clockwise or counterclockwise.

**Note:** You can press the F1 key during a match to see the robot controls display, to remind you of the keys or buttons you've assigned for various controls.

## Paint Shop

The Paint Shop lets you customize the appearance of your robot's chassis. A dropdown menu allows you to select from a number of appearance options.

If you would rather paint the chassis by hand using your own paint program, you can use the Export and Import buttons to save a template, go paint it, and then reload it back in.

You can find complete details on creating custom textures in the Tutorials. To access them, click on the Start button on your Windows® taskbar, then on Programs, then on Infogrames, then on *Robot Arena 2*, then on Robot Arena 2 Help, and finally on the Tutorials item.

## Color Fill

Color Fill lets you select any color and fill your chassis with it, or you can click a single panel to just fill in one side of your chassis.

## Texture Fill

Texture Fill is similar to Color Fill, but you can pick a graphic texture instead of a solid color.

## Surface Layers

Surface Layers adds a semi-transparent layer on top of your existing chassis paint job. For example, you could use Color Fill to paint the chassis blue, then use Surface Layers to add layers of dirt and scratches on top of it.

## Edge Lines

Edge Lines gives you several choices for modifying the appearance of the edge seams for each panel of your chassis.

## Decals

You can apply Decals to a specific point on any panel of your chassis, without filling the entire panel (as Texture Fill does). You can adjust the size of the decal by moving the on-screen slider. You can also hold down the Shift key and move the mouse left or right to rotate the decal before placing it.

## Test Robot

This small test garage lets you try out your robot to see if it works the way you wanted it to without the pressure of avoiding giant sledgehammers and razor-sharp spikes. You can select a few options to put cinder blocks, crates, or other obstacles in the test area to crash into. You will also see how long your battery and air power last while you drive your robot or fire its weapons. Remember that your robot won't move at all if you forgot to add batteries!

## OPTIONS

The Options button, available on most screens, allows you to adjust video and audio options.

## Video Options

Click on the Video button on the Options screen to change the following settings:

- **Screen Resolution:** Larger screen resolutions may run slowly on systems equipped with older video cards.
- **Fullscreen:** Uncheck this box to run the game in a window.
- **Graphic Detail:** Low detail is less attractive but may improve performance on low-end machines.
- **Effects:** Turning OFF the visual effects may improve performance on low-end machines.
- **Status Messages:** Turning this option OFF will hide the HUD elements, the damage indicator numbers, and the floating status messages (such as immobility countdowns). Although turning this option OFF means you will see less information, you may prefer this mode for gameplay. You may also notice a small performance improvement on systems equipped with older video cards.
- **Default Camera Type:** Choose the default camera type used whenever you first enter an arena. By default, this is set to the "watch" camera.

## Audio Options

Click on the Audio button on the Options screen to change the following settings:

- Sound Effects: Turn sound effects ON and OFF with the checkbox and adjust their volume with the slider.
- Music: Turn music ON and OFF with the checkbox and adjust its volume with the slider.
- Arena Introductions: Turn OFF to disable the introductory voiceover that plays in the arena when you begin a new match.

## PAUSE MENU

During a match, you can press the Esc key to “stop time” and bring up the Pause Menu. Then select from the following choices: Resume Game, End Match, Options or Quit. (Not available in Multiplayer games.)

## CHANGING THE MUSIC

In the *Robot Arena 2* directory on your hard drive (usually C:\Program Files\Infogrames\Robot Arena 2) you will find a directory for MP3 music files. If you wish to change the music that plays in the game, you can place your own music files in the sub-directories:

- Main UI: Music plays at all menu screens except in the Team HQ and Robot Workshop.
- Team HQ: Music plays at all screens in the Team HQ.
- Workshop: Music plays at all screens in the Robot Workshop.

## HELP

The Help button is at the bottom of nearly every screen. Click on it to see a Help screen if you're having trouble.

## CREDITS

### Infogrames

Paul Rinde  
*V.P. of Product Development*

Peter Armstrong  
*Director of Product Development*

Nate Birkholz  
*Producer*

Amy Jordán  
*Associate Producer*

Bob Foscolo  
*V.P. Quality Assurance & Technical Support*

Dave Degnan  
Michael Vong Hathaway  
*Q.A.*

Chris Munson  
*Associate Brand Manager*

Ann Marie Bland  
*Director of Marketing*

Steve Martin  
*Director of Creative Services*

Elizabeth Mackney  
*Director of Editorial & Documentation Services*

Kristine Meier  
*Art Director*

Roderick Tilley  
*Graphic Designer*

Randi Kravitz  
*Documentation Specialist*

Paul Collin  
*Copywriter*

### Gabriel Interactive, Inc.

Michael Root  
*Producer*

Perry Board  
*Game Design, Lead Artist*

Charlie Barrows  
*Game Design, Lead Programmer*

Sam Bloomquist  
William Rieder  
*Programmers*

Troy Buckley  
*Artist*

Randy Ryan – Hamsterball Studios  
Mike Bloomquist – Endemic Audio Productions  
*Music*

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- Processor Type
- Operating System, including version number if possible (such as Windows® 98; Windows® Me)
- RAM (Memory)
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