

OPERATOR'S MANUAL

*Family Guy*TM Bowling

- Safety
- Setup
- FAQs
- Parts



Family Guy™ Bowling **by Team Play, Inc.**

About this Manual

- **Chapter 1. Safety**

Keeping your game machine reliable & profitable.

- **Chapter 2. Setup Using a Wall-Mount Monitor**

Unpacking & installing your game machine. For operations with wall-mount monitors.

- **Chapter 3. Setup Using the Team Play™ Monitor Pedestal**

Unpacking & installing. Game machine, pedestal, & monitor installation.

- **Chapter 4. Install the Marquee**

The two types of marquees. Mounting hardware. How to mount your display.

- **Chapter 5. FAQs**

Team Play, Inc. engineers answer your questions about maintenance, service, & business.

- **Chapter 6. Parts**

List of essential parts. Keep your game machine earning top dollar! Includes diagram of back panel components.

Chapter 1. Safety

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Warnings

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Live Well: Keep Safe

Observe safety instructions! Before preparing your game machine for operation, make sure that you read these instructions. The Safety chapter is a collection of basic safety instructions and related data. Later chapters include further safety messages.

Key to Safety Terms

Term	Meaning
WARNING	Failure to avoid this hazard might cause death or serious injury.
CAUTION	Failure to avoid this hazard might cause personal injury or property damage.
NOTICE	Helpful data about good practice. Doesn't relate to health.

Safety Instructions for Bowling Machines

⚠ WARNING: Disconnect power when servicing.
Prevent electrical shocks and equipment damage.

⚠ WARNING: Connectors. Your game machine uses keyed connectors that only fit one way. Forcing a connector could cause injury or equipment damage. Be sure that connectors fit together properly.

⚠ WARNING: Cables. With power on, never connect or disconnect game machine cables or connectors. Otherwise, you might damage the game machine.

⚠ WARNING: Fuses. Never jumper a fuse. Only replace a fuse with one of the same type, fusing time and current rating. Failure to observe this warning might result in fire or electrical shocks.

⚠ WARNING: Ground connection. The game machine requires a grounded, three-wire power outlet. Never defeat the ground pin! Ungrounded operation risks electrical shocks and equipment damage.

⚠ WARNING: Mold and Mildew can endanger your health. Mold removal can be hazardous to your health and that of co-workers. Spores can invade the lungs and cause respiratory disease. Removal chemicals contain chlorine bleach, which is toxic. During removal, appropriate protective clothing and strong ventilation to the outdoors is necessary. Only certified mold removal professionals should encapsulate and remove mold or mildew.

⚠ WARNING: LCD. Handle the liquid crystal display with care. Avoid serious injuries from shattered glass.

⚠ WARNING: Transporting. Movers should watch out for one another, avoid injury and be respectful of heavy equipment. Glass and fragile components require special care.

⚠ WARNING: Water. Never allow the game machine to come into contact with water, sewage or mud. If such contact occurs, drying the machine won't render the machine safe again. Shut off the machine and service it. Repair or replace the electronics. Lube mechanical joints and moving parts. Disinfect surfaces to protect users from bacterial or mold exposure. Otherwise, death or injury by fire, shock, contamination or illness is likely.

*** CAUTION: AC Mains Supply Cord.** If you have a damaged AC mains detachable supply cord, replace it with a factory approved cord assembly. This cord is available from the manufacturer.

*** CAUTION: AC Mains Supply Cord.** For 230 VAC operation only, use a detachable AC mains supply cord. The cord must comply with the specifications below.

230 VAC Cord	H05VV-F, 3x1.00mm ² , three-conductor, unshielded, CEE color code; GREEN/YELLOW insulation for earthing conductor
Connector	IEC320-C13 right angle connector
Plug	IEC 884 certified plug compatible with country standards and requirements

*** CAUTION**

- **Avert accidents and malfunctions!** Your installation must be safe and mechanically stable. It must comply with building codes, ordinances and procedures in this manual.
- **For safety's sake,** turn off any malfunctioning game machine. Have a qualified technician service the

machine. Call your distributor and see if your warranty covers the service fee. Your warranty is in force for one year after your purchase.

*** CAUTION: ESD.** The term ESD stands for electrostatic discharge. Wiring can inductively pick up pulses that may affect machine operation. Both natural and technological sources can produce ESD. ESD effects vary from software disruption to hardware malfunctions, damage or destruction.

*** CAUTION: Marquee.** Before transporting a game machine, remove the marquee. Otherwise, the marquee could break off.

*** CAUTION: Liability.** This equipment might be subject to damage from static discharges or power surges. Team Play, Inc. assumes no liability for equipment damage. We recommend a surge protector.

*** CAUTION: Hard drive handling.** The hard drive is sensitive to mechanical shocks. Gentle handling will reward you with long and reliable operation. Otherwise, a sharp rap to an operating hard drive can destroy it.

*** CAUTION**

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- **Intellectual property laws** protect the game machine's hardware, software and content.
- **Product specifications** might change without notice.

*** CAUTION: The menu, Reset Adjustables to Factory Defaults** can reset both coin and operational settings. Take care: There is no "undo" feature.

*** CAUTION: The Coin Audits menu** can reset both coin and operational settings. Take care: There is no "undo" feature.

*** CAUTION: Flood water** can contain minerals that could damage your equipment.

*** CAUTION: The Game Play menu** can reset both coin and operational settings. Take care: There is no "undo" feature.

*** CAUTION: Ventilation.** Allow at least two inches of clearance for ventilation between the back of the game machine and the building wall. Otherwise, the wall will

obstruct vents at the top of the cabinet. The machine might overheat.

*** CAUTION: When installing game machines,** avoid pinching wires.

*** CAUTION: Cleaning.** Never use abrasive pads, cloths, or cleaners on game machine glass or plastic surfaces. Abrasives can scratch game machine surfaces. You may clean with either a mist of water or a mild glass cleaner. A diluted ammonia formula (such as Windex® cleaner) is okay to use. Spritz the water or cleaner on a cloth, not on the surface that you're cleaning. Otherwise, the cleaner could drip and damage the electronics. Avoid using soap. Use of abrasives will scratch plastic surfaces. Abrasives can also pit the glass monitor screen.

*** CAUTION: You are responsible** for proper installation, maintenance and operation. Team Play, Inc. isn't accountable for damage resulting from faulty assembly, maintenance or operation.

*** CAUTION: Software, hardware, and manual changes.** This manual, the game machine, and game machine software are subject to change without notice. On the publication date, this manual was accurate. As necessary during development or production, content may undergo revisions.

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Chapter 2. Setup Using a Wall-Mount Monitor

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Unpack Your Game Machine

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► **NOTICE: Service Desk.** The Team Play, Inc. service desk is open between 6 AM and 5 PM, Central Time. You can email us anytime: [service \[-AT-\] teamplaying \[-DOT-\] com](mailto:service@teamplaying.com). Or use the click button below.

[Team Play, Inc. Service](#)

► **NOTICE: Part Locations.** The AC mains power cord and leg levelers are in the coin box tub. The keys are inside a plastic envelope at the bottom-rear of the cabinet.

1. The game machine ships in a corrugated carton with top and bottom caps. Plastic bands secure the caps. Cut the bands to release the top cap.
2. Remove the top cap, outer carton, and inner pads.
3. Get the coin door keys. (They're in a plastic envelope at the bottom-rear corner of the cabinet.)
4. Open the coin door.
5. Inside the coin door, remove the cash door key.
6. Open the cash door.
7. Inside the cash door, remove the AC mains power cord from the coin tub.
8. The parts bag is in the cashbox. Unpack the parts bag and set it aside.

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Precautions

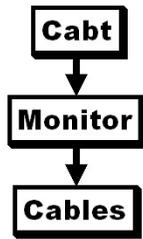
⚠ **WARNING: Indoor only.** This game machine is only for indoor use. Operation in damp or exposed areas is hazardous to players. Moisture and outdoor weather will damage the electronics and cabinet.

* **CAUTION: AC Cord.** If you have a damaged, detachable AC mains cord, replace it with a factory approved cord assembly. This cord is available from the manufacturer.

*** CAUTION: Codes.** Confirm that the installation and wiring comply with applicable codes and requirements.

*** CAUTION: Service.** Refer service to qualified service personnel.

Assembly Summary



Game electronics are in place inside the cabinet. Everything functions. Yet in setup, there are several tasks that you must accomplish. Most of the work is mechanical.

Cabinet. Bolt the control panel to the top of the cabinet.

Monitor. Bolt a horizontal bracket to the wall and hangers to the monitor. The horizontal bracket becomes the monitor support. You and a partner will then mount the monitor to the wall.

Cables. Connect the monitor HDMI input to the game HDMI output. Connect the monitor power cable to an appropriate AC output.

Mount the Monitor

Wall-mount monitor installation varies, depending on the type of monitor and mounting kit you've chosen. Acquire a wall-mount LCD TV bracket that is suitable for the TV that you'll use.

⚠ WARNING: Monitor Bracket. Use the correct monitor bracket for the monitor that you choose. A bracket for a small monitor might not be able to reliably support monitors of larger size. A massive monitor could bend the bracket, fall, and shatter on the floor. Glass shards could injure your players. A bracket for a large monitor could support a small monitor. But the large bracket's mounting holes might be in the wrong places for the small monitor.

In general terms, you'll mount a horizontal bracket to your wall studs. Then you'll bolt two vertical hangers to the back of the monitor. These hangers allow you to position and lock your monitor on the horizontal bracket. (Follow the instructions that came with the wall-mount bracket.)

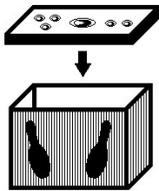
Monitor height. As a rough guide, the ideal monitor height is 56 inches from the floor. This measurement starts at the floor and runs to the *center* of the monitor screen. (The *center* of the screen will appear at the *top* of the horizontal mounting bracket.)

After mounting the monitor, lock the monitor to the horizontal bracket. For locking details or other mounting specifics, refer to instructions in your mounting kit manual. (*Mounting kits aren't standard. Procedures differ.*)

Install the Control Panel

You'll Need These Tools

- 4 mm (M4) hex driver
- $\frac{7}{16}$ " hex driver



1. Remove the control panel from its corrugated carton.

2. Place the control panel in position atop the cabinet.

3. For this step, you'll need a $\frac{7}{16}$ " hex driver. Remove one of the four mounting plate hex nuts.
4. Slip the free ground lug from the cabinet over the hex bolt from which you just removed the nut.
5. For this step, you'll need a $\frac{7}{16}$ " hex driver. Replace and tighten the mounting plate hex nut over the ground lug.
6. Connect the control panel cable to its cabinet mate. The cables terminate in Molex[®] connectors.
7. For this step, you'll need an M4 hex driver. With four $\frac{1}{4}$ -20, flathead furniture bolts, mount the control panel to the cabinet.
8. Get the leg levelers from the coin tub.
9. On the bottom of the cabinet, install the leg levelers.

Install Game Machine

1. Move the game machine to its operating location.
2. Confirm that nothing blocks ventilation openings.
3. Adjust the cabinet leg levelers downward. The cabinet must be level, and must not move or rock.

Connect HDMI & Power Cables

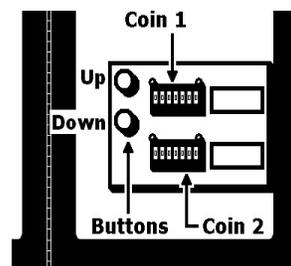
1. From the parts bag, bring out the HDMI extension cable and the AC mains cord.
2. Connect the HDMI cable to the HDMI output port. This port is on the bottom-rear of the cabinet.
3. Connect the other end of the HDMI cable to the HDMI input on the monitor.
4. Find the three-prong, female power receptacle. It's on the back of the game cabinet.
5. Attach the female end of the AC mains cord to the cabinet receptacle.
6. Connect the three-prong power plug to a three-terminal, grounded wall socket.
7. Confirm that nothing pinches the cords and cables.
8. The power switch is on the back of the cabinet, near the power receptacle. Turn on the cabinet power.
9. Use the remote control to turn on the monitor.

How to Adjust Software

Diagnostic Button Panel

Bracket. Locate the Diagnostic Button Panel. The button panel mounts to a bracket inside the coin door, on top of the cash box vault.

To launch Diagnostic Mode, press the DOWN (*bottom*) diagnostic button.



Your coin meters are on the right side of the panel. The top meter counts coin units that pass into Coin Chute 1. The bottom meter counts coin units (including bills) that pass into Coin Chute 2.

Navigating Through Menus

• Function	• Control
Move up or down through menu rows	TRACKBALL up / down
Change value of on-screen button	TRACKBALL left / right
Select highlighted on-screen button	SELECT (<i>on player control panel</i>)

Adjust Software

1. Open the coin door.
2. Press the DOWN (*bottom*) diagnostic button.
3. On the screen, follow the prompts and select an option.
4. Set pricing, location, card swipe, and other options as necessary.
5. To return to Gameplay Mode, select EXIT (*bottom of the menu*).
6. Enter gameplay and play a few test games.



TEAM PLAY, Inc.

Chapter 3. Setup Using the Team Play™ Monitor Pedestal

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Unpack Your Game Machine

► **NOTICE: Service Desk.** The Team Play, Inc. service desk is open between 6 AM and 5 PM, Central Time. You can email us anytime: [service \[-AT-\] teamplayinc \[-DOT-\] com](mailto:service [-AT-] teamplayinc [-DOT-] com). *Or use the click button below.*

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► **NOTICE: Part Locations.** The AC mains power cord and leg levelers are in the coin box tub. The keys are inside a plastic envelope at the bottom-rear of the cabinet.

1. The game machine ships in a corrugated carton with top and bottom caps. Plastic bands secure the caps. Cut the bands to release the top cap.
2. Remove the top cap, outer carton, and inner pads.
3. Get the coin door keys. (They're in a plastic envelope at the bottom-rear corner of the cabinet.)
4. Open the coin door.
5. Inside the coin door, remove the cash door key.
6. Open the cash door.
7. Inside the cash door, remove the AC mains power cord from the coin tub.
8. The parts bag is in the cashbox. Unpack the parts bag and set it aside.
9. Unpack the monitor pedestal rails and set them aside.
10. Move the cabinet near its operating location.

Precautions

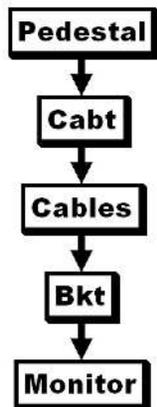
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*** CAUTION: Codes.** Confirm that the installation and wiring comply with applicable codes and requirements.

*** CAUTION: Service.** Refer service to qualified service personnel.

Assembly Summary



Game electronics are in place inside the cabinet. Everything functions. Yet in setup, there are several tasks that you must accomplish. Most of the work is mechanical.

Pedestal to Cabinet. You must join the pedestal to the cabinet by mounting two bottom rails to the pedestal and cabinet. Then you'll attach power and HDMI cables between the cabinet and the pedestal. (The pedestal wiring runs inside the pedestal.)

Monitor. Afterward, you'll bolt a horizontal bracket to the pedestal. This horizontal bracket becomes the monitor support. You and a partner will then mount the monitor to the pedestal and connect monitor HDMI and power harnesses to the pedestal.

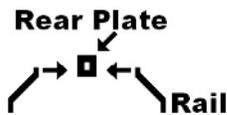
You'll Need These Tools

- 4 mm hex driver
- #2 Phillips screwdriver
- $\frac{7}{16}$ " box end wrench
- T15, tamper-resistant Torx[®] driver (Torx TR)
- $\frac{7}{16}$ " socket & ratchet
- T27, tamper-resistant Torx driver (Torx TR)
- $\frac{7}{16}$ " hex driver

3.1, Assemble the Pedestal Base

1. Fetch these pedestal parts...
 - The rear AC inlet plate ("*rear plate*")
 - Two pedestal side rails

2. Get the leg levelers from the pedestal hardware box.

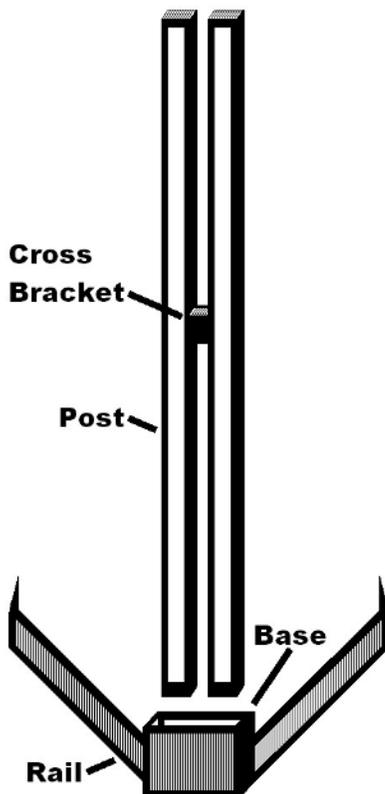


3. Mount a side rail to the rear plate. Use three, $\frac{1}{4}$ -20 x $\frac{3}{4}$ " bolts. For each bolt, use a $\frac{1}{4}$ " split spring lock washer. Run each bolt through the back of one rail, and then into the rear plate.

4. On the other side of the rear plate, mount the second rail. Each rail should now join rigidly to the rear plate. The two rails slant outward from the rear plate, forming a "V."

5. Install one leg leveler at the pedestal end of each bottom rail. Keep these levelers all the way up. (You can adjust each leveler from the top or bottom of a rail. *There's a screwdriver slot in the top of the leveler bolt.*)

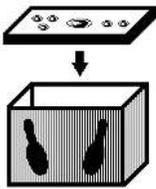
3.2, Assemble the Pedestal



1. Fetch the two monitor support posts and the cross bracket.
2. For this step, you'll need this *provided* hardware: Four, $\frac{1}{4}$ -20 x 2-inch, black furniture bolts and $\frac{1}{4}$ -inch lock washers. Using the hardware, fasten the cross bracket to the middle of the support posts. *Don't* tighten the bolts yet.
3. Position the vertical support posts inside the pedestal base.
4. For this step, you'll need this *provided* hardware: Four, $\frac{1}{4}$ -20 x $1\frac{3}{4}$ hex bolts and $\frac{1}{4}$ lock washers. Mount the vertical support posts to the pedestal base.

6. Stand the pedestal up on its side rails. The base will rest on its leg levelers and side rails.
7. Tighten these bolts...
 - Black, flathead, cross-bracket bolts
 - Hex-head bolts that secure vertical posts to the pedestal base

3.3, Install the Control Panel



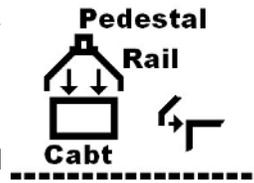
1. Remove the control panel from its corrugated carton.
2. Place the control panel in position atop the cabinet.
3. For this step, you'll need a $\frac{7}{16}$ " hex driver. Remove one of the four mounting plate hex nuts.
4. Slip the free ground lug from the cabinet over the hex bolt from which you just removed the nut.
5. For this step, you'll need a $\frac{7}{16}$ " hex driver. Replace and tighten the mounting plate hex nut over the ground lug.
6. Connect the control panel cable to its cabinet mate. The cables terminate in Molex[®] connectors.
7. For this step, you'll need an M4 hex driver. With four $\frac{1}{4}$ -20, flathead furniture bolts, mount the control panel to the cabinet.

3.4, Join the Pedestal & Cabinet

1. On the bottom of the cabinet, install four leg levelers.
2. Bring the wiring side of the pedestal near to the game cabinet.
3. Spread the rails so that they fit over the outside of the cabinet.
4. Unlock the back cabinet door. (*The keys are in the parts bag.*)
5. From the back cabinet door, remove two screws on each side.
6. Ease the back door down to the top of the crossrails.
7. From the parts bag, fetch these nuts and bolts...

- Six Nyloc[®] nuts
- Six, ¼-20 x 1½ black, tamper-resistant, pan-head bolts

8. For this step, you'll use six, ¼-20 x 1½ bolts. With three bolts for each side of the cabinet, mount the rails to the cabinet. Run each black, tamper-proof bolt through the outside of the cross rail and just into the cabinet.



9. Inside the cabinet: Place a ¼-inch washer and Nyloc[®] nut on each bolt and tighten each nut.



10. Repeat the previous step until you've tightened all three bolts on each monitor pedestal rail.

Top view: Bolt pedestal rails to the cabinet.

11. Close the cabinet back door.
12. Replace the two screws on each side of the back door.
13. Lock the back cabinet door.

3.5, Connect HDMI & Power Cables

1. From the parts bag, bring out the HDMI extension cable and the pedestal AC interconnect cable.
2. Find the three-prong, IEC female receptacle. It's on the back of the game cabinet.
3. On the cabinet rear, add a cable clamp between the HDMI & AC jacks.
4. Connect the HDMI cable to the HDMI-OUT port on the cabinet rear panel.
5. Route the HDMI cable through the new cable clamp.
6. After the cable clamp, route the HDMI cable along the inside of the pedestal base side.
7. Connect the AC interconnect cable to the pedestal rear panel cable.
8. Route the AC interconnect cable from the pedestal through the new cable clamp.

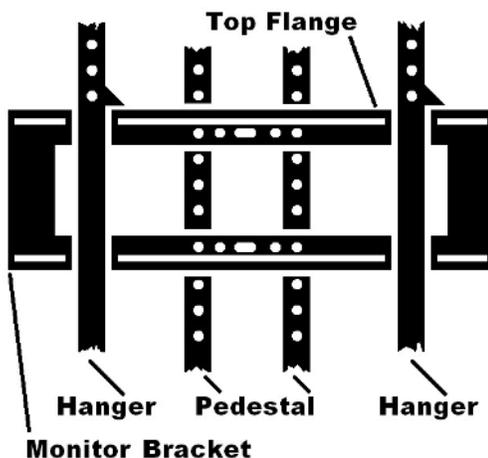
9. After the cable clamp, route the AC interconnect cable along the inside of the pedestal base side.
10. Connect the AC interconnect cable to the cabinet power receptacle.
11. Tie wrap the HDMI and AC interconnect cables to the pedestal rails in three places. Run the tie wraps through the holes in the bottom rails.
12. Inside the pedestal, route the HDMI cable up to the top of the channel.
13. Turn on the cabinet power switch.

*** CAUTION: Cabinet Power Switch.** Before you mount the triangular rail cover, make sure that you've turned on the power switch. (This is a rocker switch. Notice the "1" and "0" markings on the switch. When the switch is on, the "1" is flush with the cabinet.)

14. Gather these parts...
 - The triangular cover
 - Six, ¼-20 x 1¼", black, flathead bolts
15. With the flathead bolts, mount the triangular cover to the two rails. This panel fits *tightly* between the cabinet and the pedestal.

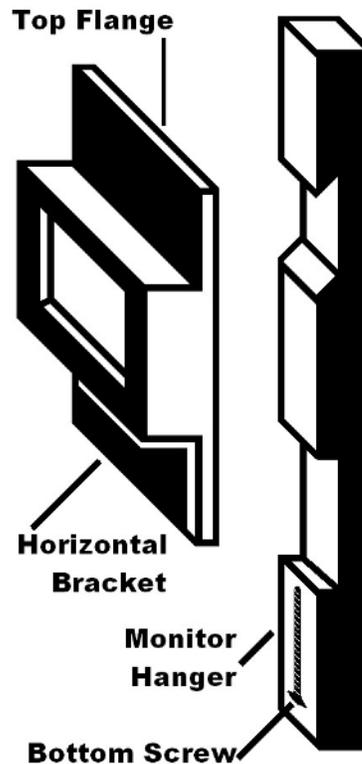
*** CAUTION: Cable Ties.** Cable ties must hold the power and HDMI wires inside the rails. Cables must not droop to the floor. Otherwise, intermittent operation, short circuits, or lethal shocks could result.

3.6, Mount the Monitor



Monitor hangers mount onto a flange across the top of the monitor bracket. The bracket mounts to the pedestal.

1. For this step, you'll need four, 1/4-20 x 2" hex head bolts. You'll also need four, 1/4" split spring lock washers. This hardware is in the parts bag. At the top-front face of the pedestal, mount the monitor bracket to the pedestal uprights. Mount the bracket to the top two screw holes in the pedestal. The other two screws go into holes at the bottom of the bracket. (The monitor bracket is a *cross member* that runs perpendicular to the pedestal. This monitor bracket will become the monitor support.)



Two notches on each monitor hanger mount to flanges on the monitor bracket. (Not to scale.)

2. Measure from the floor to the top of the monitor bracket. This measurement will be the distance from the floor to the center of your monitor.

► **NOTICE: IDEAL MONITOR HEIGHT.** Often the ideal height is 56 inches from the monitor center to the floor.

3. For this step, use provided hardware from the wall-mount bracket kit. The monitor hangers are two metal rails. The hangers bolt vertically to standard holes on the back of the monitor. With Four bolts, mount the monitor to the monitor hangers: Run the bolts through the bracket and into the back of the monitor.
4. With assistance from a coworker, lift the monitor and move it toward the monitor pedestal.
5. Slip the monitor's two vertical brackets onto the monitor bracket. A groove on the top of each bracket slides over a flange on the top of the horizontal bracket.

6. From the gameplay position, before the cabinet, check the monitor height. Is the monitor at the desired height?

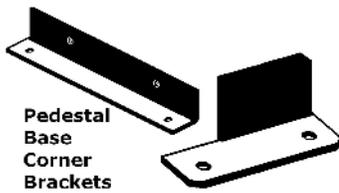
► **NOTICE: Monitor Mounting.** Typically a large monitor mounts higher, but a small monitor mounts lower. The monitor bracket has several holes for monitor mounting. If necessary, you can adjust the monitor position: Remove the monitor and remount the monitor bracket higher or lower than before. After replacing the monitor, verify that you now have the monitor high enough. Repeat this procedure until the monitor position is satisfactory.

► **NOTICE: BOTTOM MONITOR FLANGE SCREW.** When the monitor is at the desired height, you tighten a screw at the bottom of each vertical bracket. This screw locks against a flange on the monitor bracket.)

7. As necessary, move the monitor bracket up or down and remount the monitor to the bracket. Follow steps above.
8. On each vertical bracket, turn the bottom screw until it locks tight against the bottom flange on the monitor bracket.
9. Check the monitor to assure that it fastens securely on the pedestal.
10. Connect the HDMI cable from the pedestal to the monitor.

3.7, Install Pedestal Covers

1. Gather these parts...
 - The large, rear pedestal cover
 - Four, 8-32 x $\frac{3}{8}$ -inch, black, T15, tamper-resistant screws
2. Mount the large, rear pedestal cover to the vertical pedestal support posts. Magnetic strips will hold the rear cover to the posts. Secure the top and bottom of the panel with the tamper-resistant screws.
3. Gather these parts...
 - The small, front pedestal cover
 - Four, 8-32 x $\frac{3}{8}$ -inch, black, T15, tamper-resistant screws
4. Mount the small, front pedestal cover to the vertical pedestal support posts. Magnetic strips will hold the rear cover to the posts. Secure the top and bottom of the panel with the tamper-resistant screws.



5. Gather these parts...

- The pedestal base corner brackets (3 pieces)
- Black, #8 x $\frac{3}{4}$ -inch sheet metal screws.

6. The corner brackets will cover the pedestal base. Using the sheet metal screws, mount the corner brackets to the pedestal base.

3.8, Install Game Machine

*** CAUTION: Marquee.** If using a marquee, temporarily allow room *behind* the game machine for the marquee installation.

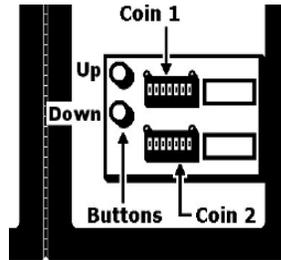
1. Move the game machine to its operating location.
2. Confirm that nothing blocks ventilation openings.
3. Adjust the cabinet leg levelers downward. The cabinet must be level, and must not move or rock.
4. Connect monitor power to the duplex outlet at the bottom of the pedestal.
5. The AC mains cord is in the parts bag. Attach the female end of the AC mains cord to the IEC power connector. This connector is on the pedestal rear.
6. Connect the three-prong power plug to a three-terminal, grounded wall socket.
7. Confirm that nothing pinches the cords and cables.
8. Turn on the cabinet power.
9. Use the remote control to turn on the monitor.

How to Adjust Software

Diagnostic Button Panel

Bracket. Locate the Diagnostic Button Panel. The button panel mounts to a bracket inside the coin door, on top of the cash box vault.

To launch Diagnostic Mode, press the DOWN Diagnostic button.



Your coin meters are on the right side of the panel. The top meter counts coin units that pass into Coin Chute 1. The bottom meter counts coin units (including bills) that pass into Coin Chute 2.

Navigating Through Menus

• Function	• Control
Move up or down through menu rows	TRACKBALL up / down
Change value of on-screen button	TRACKBALL left / right
Select highlighted on-screen button	SELECT (<i>on player control panel</i>)

Adjust Software

1. Open the coin door.
2. Press the DOWN Diagnostic button.
3. On the screen, follow the prompts and select an option.
4. Set pricing, location, card swipe, and other options as necessary.
5. To return to Gameplay Mode, select EXIT (*bottom of the menu*).
6. Enter gameplay and play a few test games.



TEAM PLAY, Inc.

Chapter 4. Install a Marquee

Marquee Types

There are two types of marquee for Family Guy Bowling: The small, round marquee and our premium model, the large, half-round marquee. Each of these marquees is an optional item that you may order and add to your machine. The better marquee for your location depends on your budget and location requirements.

Good... For intimate locations without much headroom, operating the game *without* a marquee might be appropriate. The attract mode on the monitor invites players to play.

Better... With an eight-foot or higher ceiling, you could install the round marquee. This very engaging marquee will attract gameplay. Depend on it to give your earnings a boost!



Best... For large installations with plenty of headroom, the half-round marquee is your essential accessory. For extra impact with players, our deluxe marquee includes two speakers. These speakers connect to the cabinet subwoofer.



Do you plan to operate the game machine with a monitor over 50 inches across? Then the half-round marquee is the perfect complement to your monitor.

Precautions

⚠ WARNING: Indoor only. This game machine is only for indoor use. Operation in damp or exposed areas is hazardous to players. Moisture and outdoor weather will damage the electronics and cabinet.

TEAM PLAY, INC.

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Visit Team Play

Contact Service

Marquee Types

Precautions

4A, Round Marquee

4A.1, Tools

4A.2, Lay Out Round Marquee Parts

4A.3, Attach Cross Braces

4A.4, Mount Round Marquee to Marquee Verticals

4A.5, Mount Round Marquee to Pedestal

4A.6, Connect Round Marquee Power

4B, Deluxe Marquee

4B.1, Tools

4B.2, Assemble Deluxe Marquee

*** CAUTION: AC Cord.** If you have a damaged, detachable AC mains cord, replace it with a factory approved cord assembly. This cord is available from the manufacturer.

*** CAUTION: Codes.** Confirm that the installation and wiring comply with applicable codes and requirements.

*** CAUTION: Service.** Refer service to qualified service personnel.

► **NOTICE: Service Desk.** The Team Play, Inc. service desk is open between 6 AM and 5 PM, Central Time. You can email us anytime: service [-AT-] teamplayinc [-DOT-] com. Or use the click button below.

[Team Play, Inc. Service](#)

4B.3, Mount Deluxe Marquee to Verticals

4B.4, Mount Deluxe Marquee to Pedestal

4B.5, Connect Deluxe Marquee Power

4B.6, Install Deluxe Sound Amplifier

Install Game Machine

4A, Round Marquee

4.A1, You'll Need These Tools

- $\frac{7}{16}$ " hex driver
- T15, tamper-resistant Torx[®] driver (Torx TR)

4.A2, Lay Out Round Marquee Parts

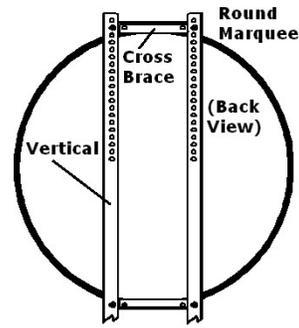
1. The marquee is a 19-inch diameter, plastic circle. The marquee mounts to two, angle iron brackets (*marquee verticals*). Each marquee vertical is 30 inches long. The cross brace is a shorter piece of angle iron. Gather these parts...

- AC adapter, wall-mount
- Marquee vertical (2)
- Cross brace (2)
- Z-clip (4)
- Round marquee

4.A3, Attach Cross Braces

1. Lay the upper cross-brace against the inside of the marquee verticals.

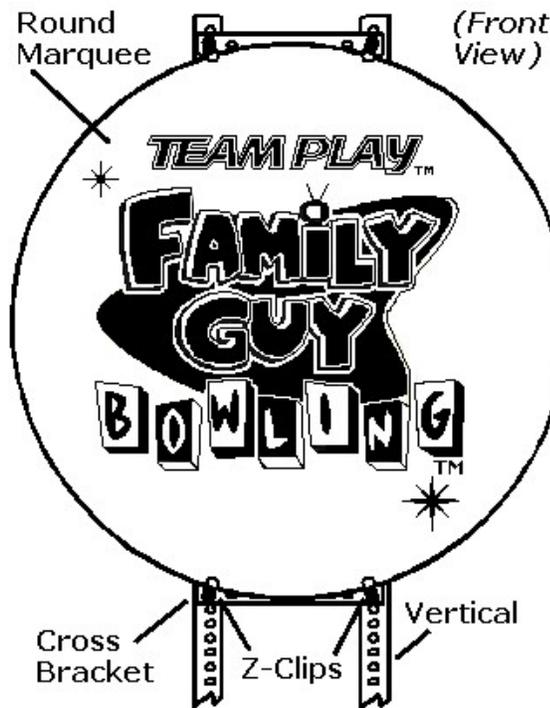
- Align upper cross-brace holes with holes at the top of the marquee verticals.
- Lay the lower cross brace against the inside of the marquee verticals.
- Align lower cross-brace holes with holes at the bottom of the marquee verticals.



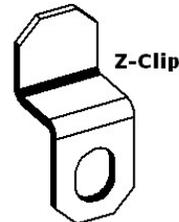
- For this step, you'll need four: 8-32 x 3/8-inch Torx, T15 machine screws. Bolt the two cross braces to insides of the two marquee verticals.

4.A4, Mount Round Marquee to Marquee Verticals

- Set the marquee on the front of the marquee verticals: Keep the art facing forward.
- Route the power cable downward, between the marquee verticals.



- For this step, you'll need four each: Z-clips (*mirror clips*) and 8-32 x 3/8-inch Torx, T15 machine screws. With the provided Z-clips, mount the marquee to the marquee verticals.



4.A5, Mount Round Marquee to Pedestal

1. From the pedestal rear, align the marquee verticals with the holes at the top of the monitor verticals.
2. For this step, you'll need four: ¼-20 x ¾-inch hex bolts. Bolt the two marquee verticals to the tops of the monitor verticals.

4.A6, Connect Round Marquee Power

1. Plug the two-pin connector from the marquee into the wall-mount AC adapter.
2. Route the power wiring inside the rear cover of the pedestal vertical support.
3. Connect the AC adapter's power plug to the duplex outlet at the bottom of the pedestal.

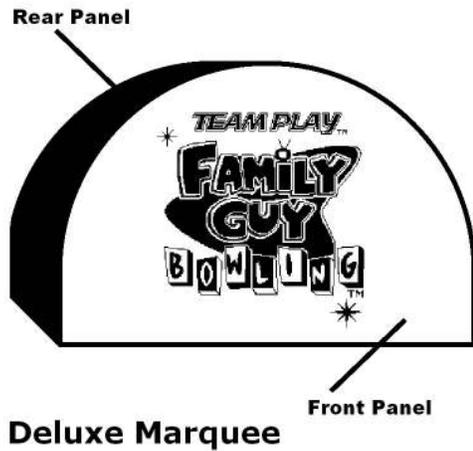
4B, Deluxe Marquee

4.B1, You'll Need These Tools

- #2 Phillips driver
- T15, tamper-resistant Torx[®] driver (Torx TR)
- 7/16" hex driver

4.B2, Assemble Deluxe Marquee

1. Gather these parts...
 - Deluxe Marquee (*large, half-round marquee*)
 - Marquee verticals (*support posts, angle iron, 2*)
 - Marquee cross braces (*angle iron, 2*)
 - Subwoofer (*active, boxed speaker*)
 - Speaker cable with mini phone jacks
2. For this step, use the T15 driver. Remove the front panel (*printed plastic*) from the monitor pedestal. (Keep the screws that you removed.)

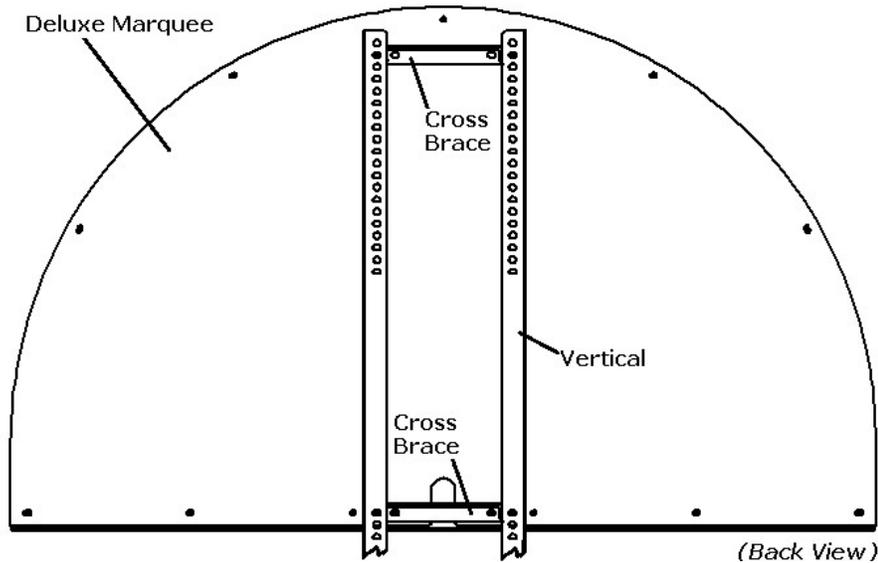


Deluxe Marquee

3. Place the cross brace against the outside of the marquee's rear panel.
4. Complete this step from the *inside* of the marquee. Align the cross brace's 8-32 nuts with holes near the top of the rear panel.

4. For this step, you'll need four each: 8-32 x $\frac{3}{4}$ -inch, Torx, T15 machine screws and flat washers. Bolt the cross brace to the rear panel.
5. For this step, you'll need the tamper-resistant screws that you removed earlier. Using the T15 driver, replace the front panel (*printed plastic*).

4.B3, Mount Deluxe Marquee to Verticals



1. Lay the cross brace against the outside of the rear marquee panel.
2. Align cross brace holes with holes at the top of the marquee verticals.

3. For this step, you'll need four: 8-32 x $\frac{3}{8}$ -inch Torx, T15 machine screws. Bolt the cross brace to the marquee rear panel.
4. Move one vertical against the lower cross brace.
5. Near the top of the marquee, align the top of the vertical with the top cross brace.
6. For this step, you'll need four: 8-32 x $\frac{3}{8}$ -inch Torx, T15 machine screws. Bolt the vertical to the upper and lower cross braces.
7. To install the second vertical, repeat steps 4, 5, and 6.

4.B4, Mount Deluxe Marquee to Pedestal

1. From the pedestal rear, align the marquee verticals with the holes at the top of the monitor verticals.
2. For this step, you'll need four: $\frac{1}{4}$ -20 x $\frac{3}{4}$ -inch hex bolts. Bolt the two marquee verticals to the tops of the monitor verticals.

4.B5, Connect Deluxe Marquee Power

1. Plug the two-pin connector from the marquee into the wall-mount AC adapter.
2. Route the power wiring inside the rear cover of the pedestal vertical support.
3. Connect the AC adapter's power plug into the duplex outlet at the bottom of the pedestal.

4.B6, Install Deluxe Sound Amplifier

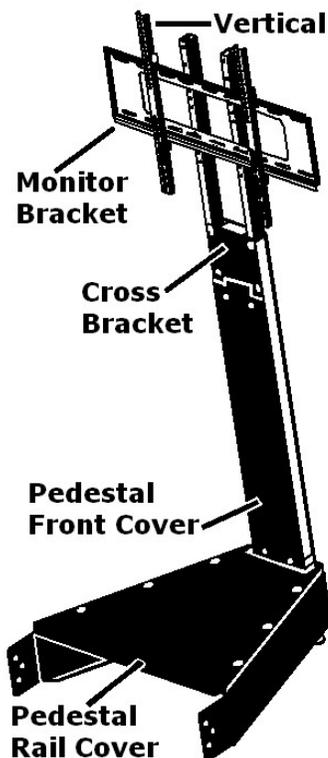
 **WARNING: Disconnect Power.** Avoid electrical shocks! Before installing the subwoofer, unplug the game machine power cord from the wall. Otherwise, *lethal* line voltage will be present in the cabinet.

1. Unplug the power cord from the wall outlet.
2. Unlock the back cabinet door.

3. From the back cabinet door, remove two screws on each side.
4. Ease the back door down to the top of the crossrails.
5. Set the amplifier and subwoofer inside the cabinet.
6. Center the amplifier and subwoofer on the the cabinet floor.

*** CAUTION: WIRING.** Be careful not to rest the subwoofer cabinet on cabinet wiring. Otherwise game operation could become unreliable, or you might create a shock hazard.

7. For this step, you'll need the provided angle brackets and Phillips head screws. Using this hardware, fasten the subwoofer case to the game cabinet floor.
8. Disconnect the game electronics power cable from the cabinet AC jack.
9. Connect the Y-cable to the cabinet AC jack.



10. Connect the game electronics power cable to the Y-cable.
11. Connect the sound power cable to the Y-cable.
12. On the subwoofer cabinet, connect the extension cable to the audio output connector. (*The extension cable is 12 feet long.*)
13. Run the extension cable out the back of the cabinet through the fan grille.
14. The small, round, volume control looks like a "hockey puck." On the back of the control is a strip of double-stick adhesive tape. Remove the tape backing and fasten the volume control to the cabinet side wall.

15. Remove the four tamper-resistant screws from the pedestal front cover. *(Save the screws for reuse.)*
16. Remove the pedestal front cover.
17. Remove the six flathead bolts from the pedestal rail cover *(triangular panel)*. *(Save the bolts for reuse.)*
18. Remove the pedestal rail cover.
19. Route the audio extension cable: Run the cable to the back of the pedestal, and then up, between pedestal verticals.
20. Connect the audio cable from the deluxe marquee to the audio extension cable.
21. Replace the pedestal rail cover *(triangular panel)*.
22. Fasten the pedestal rail cover with six flathead bolts. *(During disassembly, you removed these bolts.)*
23. Replace the pedestal front cover.
24. Fasten the pedestal front cover with four tamper-resistant screws. *(During disassembly, you removed these screws.)*
25. Close the cabinet back door.
26. Replace two cabinet door screws.
27. Lock the cabinet back door.
28. Plug the game machine's power cord into the wall outlet.
29. Turn on the game.
30. Adjust the audio volume setting as necessary.

Install Game Machine

1. Move the game machine to its operating location.
2. Confirm that nothing blocks ventilation openings.
3. Adjust the cabinet leg levelers downward. The cabinet must be level, and must not move or rock.
4. Connect monitor power to the duplex outlet at the bottom of the pedestal.

5. The AC mains cord is in the parts bag. Attach the female end of the AC mains cord to the IEC power connector. This connector is on the pedestal rear.
6. Connect the three-prong power plug to a three-terminal, grounded wall socket.
7. Confirm that nothing pinches the cords and cables.
8. Turn on the cabinet power.
9. Use the remote control to turn on the monitor.



TEAM PLAY, Inc.

Chapter 5. FAQs

• Hardware Questions

Q1: Why won't my game machine accept credit cards?

- 1. The game machine doesn't ship with a credit card reader.
- 2. The reader is bad.
- 3. The reader is offline.
- 4. The reader can't communicate with the network.
- 5. The net (local internet or built-in cellular) is down.

Hardware Questions

Maintenance Qs

Software Qs

Trade / Business Q

Visit Team Play

Contact Service

Q2: My game won't boot. How should I troubleshoot that problem?

Spend a minute *and go over the basics...*

- 1. Make sure that the monitor is turned on and working.
- 2. Set the monitor to the correct input source.
- 3. Unplug the game machine.
- 4. At the outlet, check for AC power voltage.
- 5. Plug in the game machine.
- 6. Turn on the game machine.
- 7. Check for a blown fuse.
- 8. If the fuse is open, replace it with a fuse of the correct rating. There are 2 fuses...

Family Guy Fuses				
Cabinet Fuse	T3.15 A	250 VAC	5 x 20 mm	glass
Pedestal Fuse	T6.3 A	250 VAC	5 x 20 mm	glass

● Maintenance Questions

Q3: What should I use to clean the screen?

Clean the screen with your choice...

- Soap and water
- Non-caustic cleaner
- Windex[®] glass cleaner

Q4: My DBV is having trouble reading bills. How should I clean it?

1. Take the back off the reader.
2. Take the bottom off the reader.
3. You might have a jammed bill path.
 - A. Remove the cassette.
 - B. Squeeze the thumb locks.
 - C. Clean the bill path.
 - D. Use soap and water to clean off soda pop.
 - E. A clear lens is underneath the mechanism. Clean that, too.

Q5: What maintenance should I perform during collections?

1. Clean the screen.
2. Make sure that the lights work.
3. Make sure that the bill acceptor works.
4. Make sure that the trackball rolls smoothly.

● Software Questions

Q6: I put money in, but nothing happens. What's wrong?

1. Check: Does the bill validator (*DBV*) work? Run the game machine's onboard diagnostics: See if the game machine recognizes dollars.

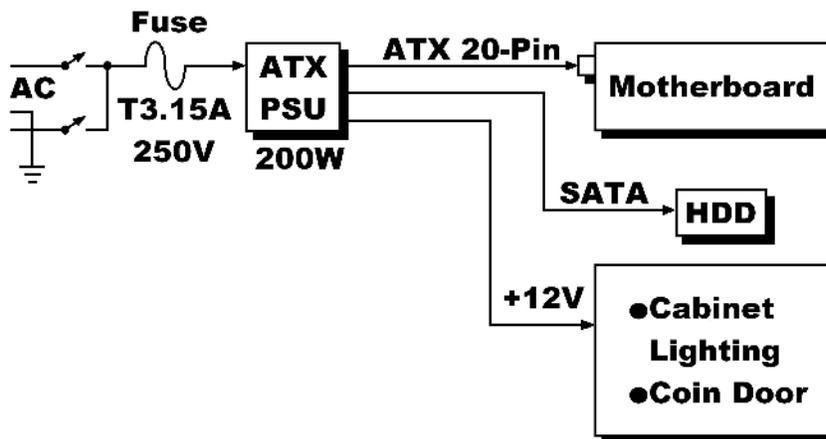
2. While you're in Diagnostic Mode, check the Price per Play.
3. If a play costs \$3, but the customer inserts \$1, of course nothing happens.
4. Hint: Usually, the software adjustments (*configuration settings*) are faulty: The pricing is wrong, or you have the wrong value for the bill setting. *For example:* You charge a dollar per play. The DBV produces one pulse per bill. But unfortunately, the game machine evaluates that one pulse as only equal to a quarter!

• Trade & Business Questions

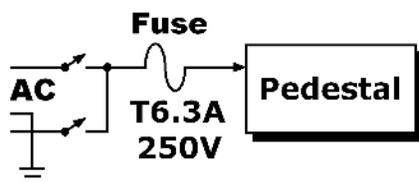
Q7: How long is my factory warranty?

90 days. As a game machine owner, you receive a warranty on the electronics. Our Team Play, Inc. warranty lasts for 90 days from the date of game machine shipment.

Power Wiring for Game Cabinet



Power Wiring for Monitor Pedestal



Chapter 6. Parts

[Visit Team Play](#)

[Contact Service](#)

Understanding the Parts Chapter

Data Organization. We've organized each component alphabetically by a descriptive noun in the name. For example...

Drive, disk, 2.5-inch, SATA

The part number by which you can order the part is on the right side of the page.

Use the part description to find the part number. The number allows you to order the part. Yet some parts are unavailable through your distributor. For example, common screws and nuts that you'd find at hardware stores.

• Boards, Circuit

Board, I/O	A-A-SEL-0004-07
Board, trackball interface	K-A-REL-0004-00
Memory, 4-gigabyte, DDR3-1600, DIMM	K-A-SEL-0007-01
Motherboard with APU	K-A-SEL-0006-00

• Buttons & Controls

Button, red	K-A-RBT-0001-02
Button, white	K-A-RBT-0001-09
Trackball	K-A-REL-0003-00

• Fuses & Fuse Holders

Fuse, T3.15A, 250VAC, 5 x 20mm, glass: For cabinet <i>ONLY!</i>	F-A-REL-0031-00
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Fuse, T6.3A, 250VAC, 5 x 20mm, glass: For pedestal *ONLY!* A-A-REL-0016-00

Holder, A.C. fuse, panel-mount, 5 x 20mm A-A-REL-0015-00

• **Peripherals & Power Supply**

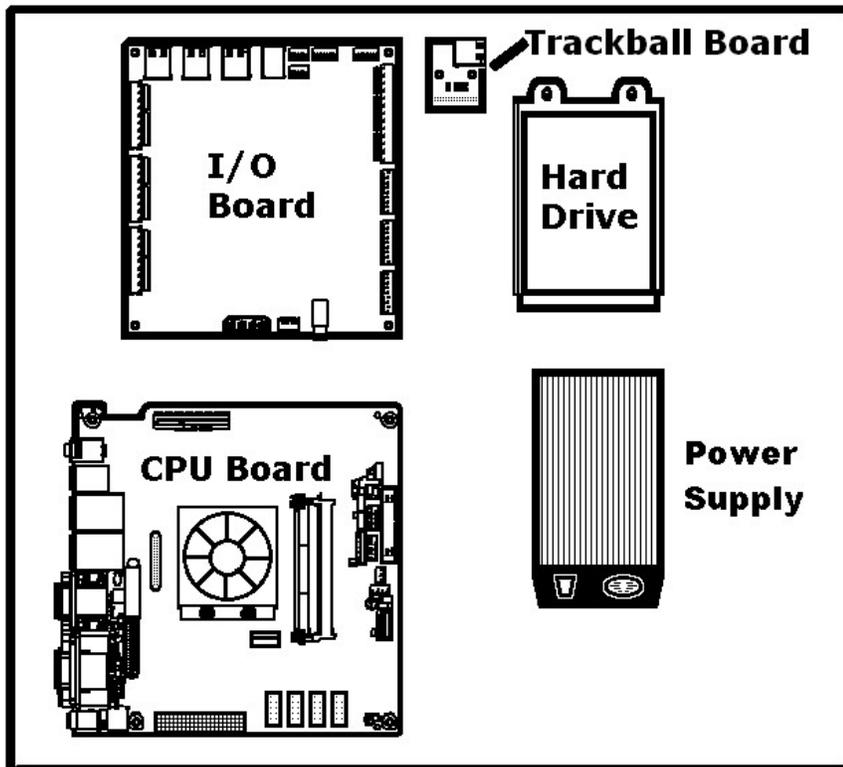
Cable, HDMI, 10 feet, male-to-male F-A-RCB-0300-00

Drive, hard disk (*with game software*) D-A-REL-0004-K0

Meter, coin A-A-REL-0018-00

Supply, 200W power, FlexATX type, model HEC-200SA-2FX D-A-REL-0005-00

PC Boards Drawing





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