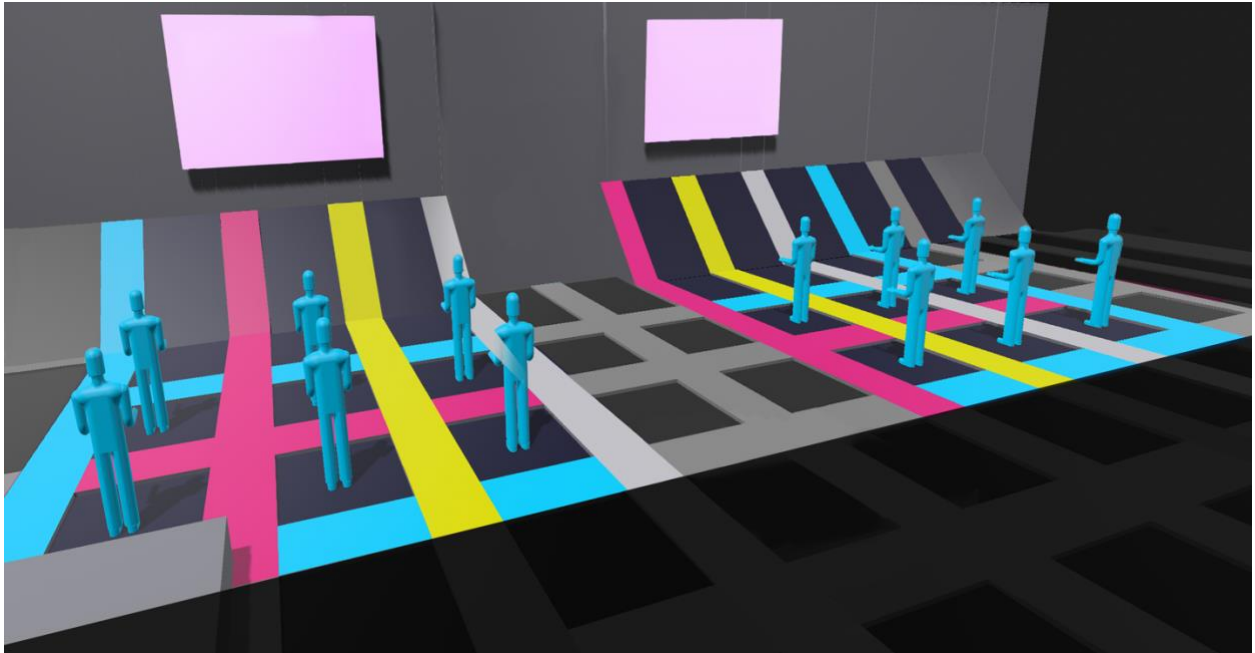




PLEYO USA

Pleyo Court Systems
Pleyo Tower Systems



Pleyo Court Installation Example



Pleyo Tower Installation Example

PLEYO USA

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About This Manual

Safety is always a top priority for Fun Spot®. This manual provides owners and operators with information and recommendations to facilitate operation of the equipment as intended, and also to assure performance and longevity of the equipment.

This Systems manual is intended as a companion to associated Fun Spot trampoline product manuals.



Scan this QR code to download additional product manuals or visit funspot.com

For Pleyo USA systems support, installation help, or technical issues, contact:

Pleyo Support

support@pleyo.com

www.pleyo.com

For more information and resources on general inspection and maintenance recommendations, or for any additional inquiries regarding specific needs not found in this manual, please contact Fun Spot® directly at **+1 (706) 376-8989**

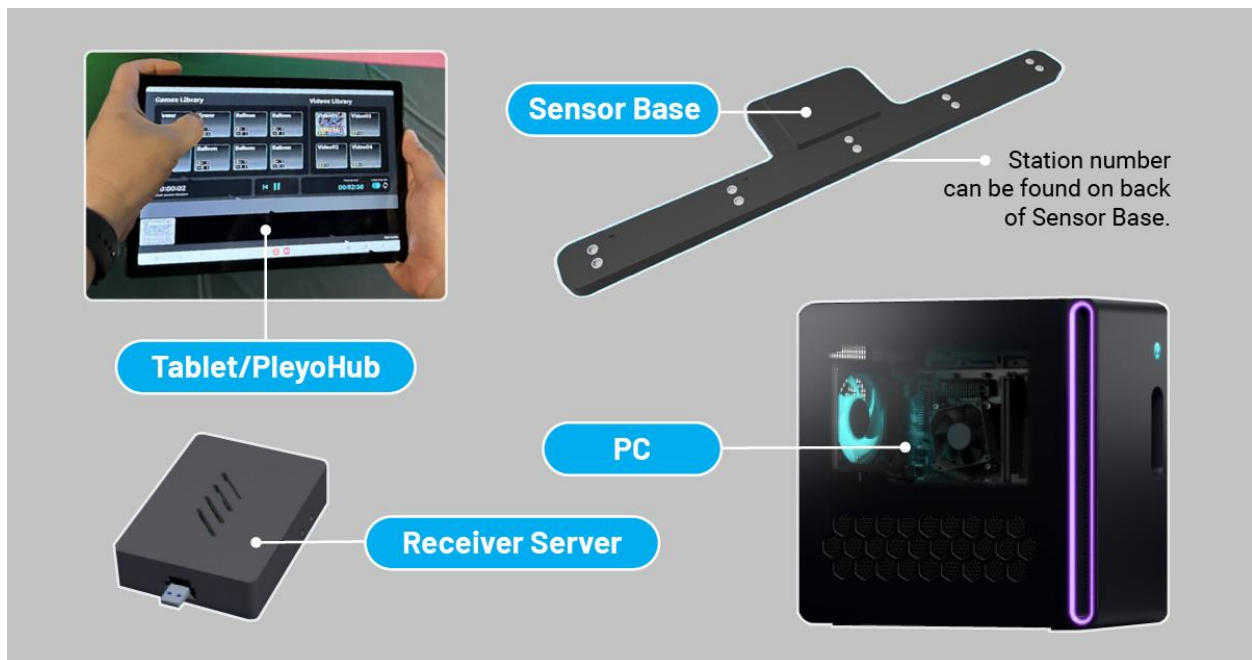
Pleyo USA

Overview

Pleyo USA is an interactive multiplayer gaming system for trampoline parks. It uses sensor bases under trampolines and a receiver to track player movements and convert them into game input. The system supports up to 12 simultaneous players and operates via wireless Wi-Fi communication between components.

System Components

- **Sensor Bases** Each includes a sensor unit and a 5V DC power input.
- **Receiver Server** Handles data collection and connects to the PC via USB-C.
- **PC Unit** Preconfigured to run the Pleyo USA software and manage gameplay.
- **Accessories & External Equipment**
 1. HDMI or DisplayPort cable – for connecting the PC to the screen or projector
 2. Screen or projector – for visual output
- **Active or passive speaker** for audio playback



Safety & Regulatory Compliance

FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

 **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 and used in accordance with the instructions, 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 using one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by Pleyo USA could void the user's authority to operate the equipment.

Contains FCC ID: 2AL3B-ESP-F

Contains FCC ID: 2AC7Z-ESP32WROOM32E

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

 RF Exposure Safety Notice

This equipment must be installed and operated with a minimum distance of 7.875 inches (20 cm) between the antennas and any person during normal operation.

Owner/Operator Responsibility

- American Society for Testing and Materials (ASTM) F24-2970. Owner/operators should be familiar with and comply with all applicable state and local laws, and ASTM F2970, particularly regarding owner/operator standards. ASTM F2970-20, Section 14.2, requires that all owners/operators notify Fun Spot® of all major incidents, accidents, injuries and any patterns or trends related to this attraction within seven days of occurrence.
- Display Participant warning signage. Refer to this manual, as well as ASTM F24-2970, as applicable, for warning language to be included on easy-to-read signs posted at eye level at the entrance and throughout the park.
- Waiver. Prior to participation, participants 18 years of age and older must properly complete and sign a waiver. For participants under the age of 18, a parent/legal guardian must properly complete and sign the minor participant's waiver. Fun Spot's general terms and conditions require that Fun Spot and ABEO be included in the park's standard waiver.
- Guests and Participants' Responsibility. Participate at your own risk. All guests, including minors and accompanying adults, assume full responsibility to ensure that they have read and understand the rules, have viewed any safety video, and agreed to follow rules and comply with staff member directions. All guests, including minors and accompanying adults, assume full responsibility for their actions and conduct, and that of minors in their care.
- Fun Spot has incorporated findings and recommendations based on risk assessment throughout this manual.
- Please contact Fun Spot directly at **+1(706)376-8989** for further information specific to Main Court not found in this manual or if you have any other questions.

Pleyo USA Installation

Sensor Base Placement (Place as indicated in figure 1)

- Place each sensor base on the floor directly under the trampoline.
- Position all bases in a square or rectangular layout, placed parallel to the projection screen/monitor and centered both vertically and horizontally.

Power Connection (Connect as indicated in figure 2)

- Connect each sensor base to a 5V DC adapter.

Receiver Server Setup (Connect as indicated in figure 2)

- Connect the receiver server to the PC using the supplied USB-C cable.
- Power is delivered via USB-C.
- Communication with the sensor bases is automatic via Wi-Fi.

Screen / Projector Connection (Connect as indicated in figure 2)

- The PC is equipped with 1 HDMI port and 3 DisplayPort outputs.
- Connect the screen(s) or projector using a compatible HDMI or DisplayPort cable.
- For detailed screen output setup, refer to the Screen Set Manual in the Pleyo USA Software User Manual.

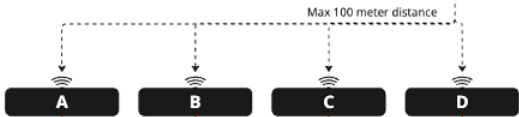
Audio Output Setup (Connect as indicated in figure 2)

- For sound, connect a standard 3.5mm AUX cable from the PC's audio output to your active speaker system.
- Passive speakers must be connected through an amplifier.

Sensor Placement



Component Connections



System Operation

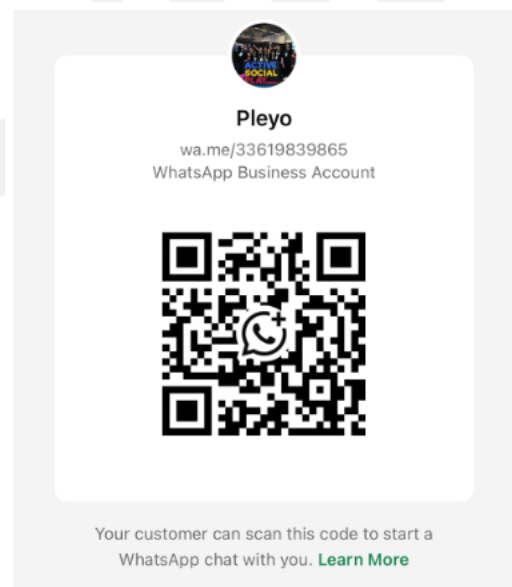
- Once the system is powered and the Pleyo USA software is launched on the PC, the receiver server will auto-detect all sensor bases.
- When a game starts, the sensors begin transmitting player data in real time.
- No pairing or configuration is required after first setup.
- See below for the game and software operation.

Operator Procedures (PleyoHub App/Webapp)

This section outlines best practices for daily operation of Pleyo USA software.

Access & Support

- Use the dedicated Pleyo Support WhatsApp line by scanning this QR code.
- Before contacting support, please locate and report:
 - Your Station ID as displayed in PleyoHub → Info (e.g., MMV1-FS01-DEMO).
 - The Subscription Expiry Date is shown in the Info page. Contact support if nearing expiry.



Opening Routine

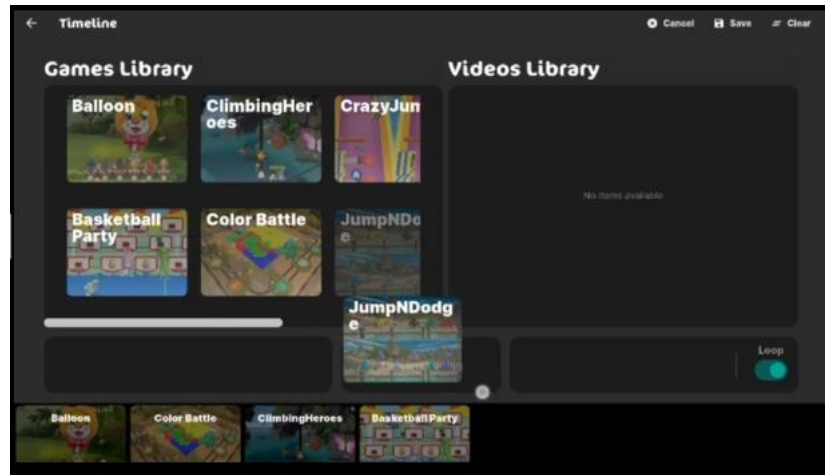
- Confirm PC auto-powers on (usually 09:00).
- Log into **PleyoHub** (tablet or webapp).
- Verify station name, subscription status, and audio output.
- Start the Timeline and check sensor response.

Closing Routine

- Stop **Timeline**.
- Use **Shutdown** in PleyoHub or allow the scheduled shutdown.
- Ensure cables/sensors are not disturbed.

Game Management

- **Timeline Mode (default):**
Create a sequence of games, enable Loop, Save, and Play.
- **Player Mode (optional):**
Allows kids to select games from the tablet if enabled.
- **Videos Between Games (optional):** Insert safety or promo clips (MP4 files on USB stick).

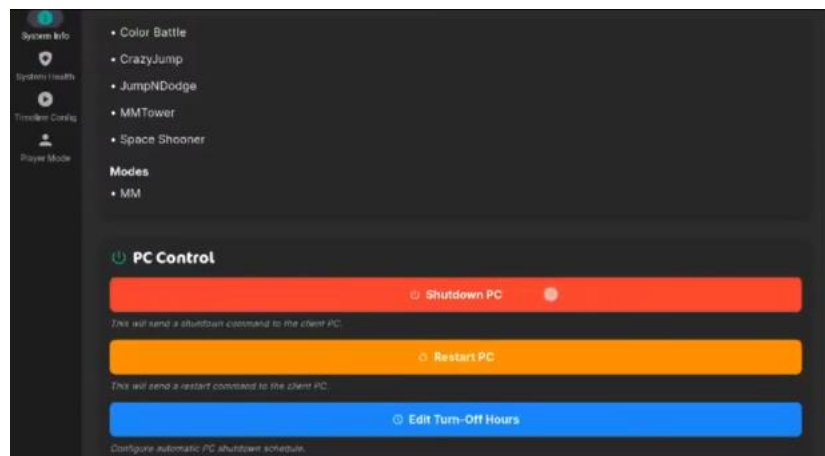


Audio Setup

- In Audio settings, select Speaker (PC output) or TV output.
- Adjust volume to match the venue environment.

Power Scheduling

- Auto-On can be configured daily.
- Shutdowns can be scheduled from PleyoHub or triggered manually.



Quick Troubleshooting Tips

Try these simple fixes to common issues before contacting Pleyo Support:

ISSUE	SOLUTION
Sensor bases not detected	Check 5V power. Reposition if needed.
Receiver server not detected	Verify USB-C connection to PC.
No game response	Restart PC. Re-launch Pleyo software.
Gameplay frozen	1. Restart via PleyoHub 2. Restart PC 3. Power-cycle receiver (“black box”)
No Audio	Confirm output set to <i>Speaker</i> and venue volume active.
Tracking drift to one side	Power-cycle sensors. Clean area. If persistent, contact support.
Tablet dead	Try new charger/outlet. Remove case. Long-press power. If unresponsive, contact support for RMA.
Games not starting	Ensure Timeline is saved and Loop enabled. Confirm PC is on.
All sensors offline	Restart PC first; then power-cycle receiver and check sensor power.

Pleyo Rules

Fun Spot recommends that you include the following, or similar language, on posted Pleyo Court and Pleyo Tower rules placed at eye-level in multiple locations near the attraction.

In addition, Pleyo safety videos featuring proper use of equipment are installed in your PleyoHub system. You are encouraged to display these videos periodically on your Pleyo screens by adding them to your PleyoHub Timeline:

Requirements To Use Pleyo Court and Pleyo Tower:

- Understand you are using trampolines and elements at your own risk.
- Weigh no more than 300 lb (136 kg)
- Wear appropriate grip socks - no shoes, bare feet, stockings/hose, or tights.
- Have empty pockets – no phones, keys, etc. and remove large jewelry, belts, hats, glasses, etc.
- Pull back long hair to maintain clear view and avoid entanglement.
- Not have any food, gum, candy, or drinks while using any Pleyo USA attractions.

Rules During Pleyo Court and Pleyo Tower Play

DO:

- Always listen to the instructions of Court Attendants
- Only one person on each trampoline mat
- Jump around other participants of similar size
- Always wear appropriate grip socks; no shoes, bare feet, stockings/hose, or tights
- Keep your pockets empty and remove jewelry, belts, glasses, and hats
- Tie long hair away from face

DO NOT:

- RUN OR RACE ON THE TRAMPOLINES
- JUMP ON TO ANOTHER GUEST'S TRAMPOLINE
- Climb up the walls
- Lay down anywhere within the attraction
- Exceed the max capacity
- Use any foul language or unsportsmanlike conduct
- No climbing or hanging on the outside or underside of the structure
- Do not push, tackle or engage in horseplay of any kind
- Do not participate if you have prior medical conditions that could result in injury
- **WARNING!** Impact, flipping, climbing, and other activities can result in serious or fatal injury. Participate at your own risk. Non-compliance may result in the loss of your paid activity time.

Inspection and Maintenance

These inspection recommendations are the minimum based on average usage. You should conduct more frequent inspections during times of high usage.

Inspections should be done during non-business hours for the safety of employees and guests and to allow the inspector to fully see all areas and parts of Pleyo USA attractions.

Completed inspection sheets should be legibly signed (or should identify inspector), be date/time-stamped, and be stored in hard-copy or digitally in accordance with ASTM guidance, park policies, and applicable laws relating to document retention.

If there are any identified or suspected issues or questions regarding the functioning of Pleyo Court or Pleyo Tower or with any component part, the attraction should be placed “out of service” with access restricted until the issue is resolved. **WHEN IN DOUBT, CLOSE IT DOWN.**

Pleyo USA Systems Inspection & Cleaning Checklist

Complete a new sheet each week

This checklist applies to Pleyo USA Systems components only. Consult Fun Spot Main Court Manual for maintenance schedules for Pleyo Court trampolines, and Fun Spot Sweeper Manual for maintenance schedules for Pleyo Tower trampolines

Weekly	Pass	Watch	Fail	NOTES
Visual check of cables				
Confirm that sensors are secure				
Confirm there are no obstructions around sensors				
Monthly (or as needed)				
Vacuum around sensor bases				
Every 2 months				
Examine each sensor base for dust accumulation, especially on top.				
Vacuum each sensor carefully to ensure optimal performance. Take care not to move sensors as you clean them. Avoid using liquids or harsh chemicals.				
Ensure bases remain in their intended positions				

WATCH status should be marked for service requirement that is not urgent. All Court Attendants should be notified and monitor the watch issue throughout their shifts. This should be repeated daily until the component receives a service that returns it to a PASS status.

FAIL status requires immediate service, and the attraction must remain closed until the component is fixed and returns to a PASS status. WATCH and FAIL status items should have pictures attached to each daily inspection until returns to PASS status

Pleyo USA Operator Checklist

Daily Opening	
☐	PC on; Display active
☐	Log into PleyoHub; Confirm station name
☐	Check audio output and volume
☐	Load Timeline (Loop enabled, Save, Play)
☐	Test 1 full game cycle
Daily Closing	
☐	Stop Timeline
☐	Shutdown via PleyoHub or confirm scheduled shutdown
☐	Tidy area, secure cables and sensors
Weekly Checks	
☐	Inspect sensors and cables
☐	Run System Health Check in PleyoHub
☐	Confirm subscription date is valid
☐	Confirm auto power on time is valid
Monthly Maintenance	
☐	Vacuum/clean around sensor bases (take care not to move sensor position)
☐	Verify sensor 5V power supply
☐	Test audio system
Troubleshooting Quick Reference	
FROZEN → Restart via PleyoHub / Restart PC / Power-cycle receiver	
DRIFT → Cycle sensors, clean area, contact support if persists	
NO AUDIO → Check Audio output setting and venue volume	
TABLET DEAD → Try charger/outlet, remove case, long-press power, contact support	
GAMES NOT STARTING → Ensure Timeline is saved and Loop enabled, confirm PC on	

ESCALATION OF SYSTEMS ISSUES

Contact Pleyo Support via WhatsApp

Scan QR code for company number. Always include Station name, issue description, steps tried, and photo/video (no patron faces).



Inspection Report

Additional Notes:

Date & Time ____/____/____|| : **Inspector:**_____

By signing, you verify you have completed the inspections according to manufacturer recommendations and to the best of your ability.

Upon completion, combine with the correlating Weekly Inspection Sheet and reconcile all services on the Monthly Maintenance Log. It is also recommended to include pictures of all replacements with any maintenance records.

When starting a new week, review the previous Weekly and Daily Inspection Logs to ensure the highlighted components lines were serviced.

Save all Inspection logs for your records, either digital or hardcopy, for at least 3 years or for the amount of time that your governing regulatory body, insurer, and/or attorney advises.

All inspections throughout the month should include obstructions, condition of impact attenuation materials and covers, placement and securement of impact attenuation materials, condition of containment system and netting, condition of communications devices, condition and placement of signage, condition of foam pit and impact attenuation block material, condition of nets/goals/hoops and similar, condition of balls or other devices, condition of emergency response gear and first aid kits, condition of assembly area, and condition of adjacent platforms, entrances, exits, stairways, lifts, and ramps.

MANUAL	Fun Spot Owner/Operator Manual
PRODUCT	Pleyo Court/Pleyo Tower
EFFECTIVE DATE	September 22, 2025
REVIEW DATE	Septermbe 22, 2025
REVIEWED BY	<i>Mark Harris</i>

FUN SPOT

ASTM F2970-20 Sec. 6.7 *Patron Weight*¹