



CINEBOX™ HOME SYSTEM USER GUIDE



Open Air
C I N E M A

call 1-866-802-8202



www.openaircinema.us

YOUR NEW CINEBOX™ SYSTEM

Congratulations! You've purchased the world's finest outdoor movie system.

If you follow the steps for setting up your outdoor movie system throughout this manual, setup will be a cinch, and you'll be watching an outdoor movie under the stars in no time.

Please make sure to read the entire manual carefully, as we've detailed important information that will help you make your event a success and will ensure that your equipment will last for many years to come.

The first time you set up your system, it may take about a half an hour, but once you've used your system once or twice, you'll be able to set it up in ten minutes or less.

We've given very specific instructions in this manual for how to setup and use your system, but if you have any questions, feel free to call us at 866-802-8202 or send us an email at support@openaircinema.us.

Have fun using your new outdoor movie system, we know that you'll love it!

The Open Air Cinema Team

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SYSTEM COMPONENTS



(1) Open Air Home Inflatable Movie Screen
with screen storage bag

(8) Tie down tethers
(attached to screen)



(1) Air Blower
(model may vary
with screen size)



(2) Powered
Speakers

(2) Speaker
cables



(1) Mallet
(20' system only)



(2) Speaker Stands (16', 20'
systems only)

(1) Dual Speaker Stand Bag
(16', 20' systems only)



(4) Steel Stakes
(Twist-in stakes for
9', 12', 16' screens,
straight for 20' Screen)

(1) Audio Mixer

(1) CineBox™ Home Console with protective carrying case



(1) Blu-Ray Player, or DVD Player, or Playstation (Depending on system definition)



(1) Projector power cable (pre-plugged into console)



(1) 3.5mm (headphone) cable



(1) Video Projector



(2) 3' XLR Audio Cables (pre-plugged into console)

(2) 50' XLR Audio Cables (9', 12', 16' systems)
(2) 100' XLR Audio Cables (20' system)



(1) RCA Cable (pre-plugged into standard def console, loose in gaming and HD console)



(1) HDMI Cable (pre-plugged into HD and gaming consoles, not included in standard def consoles)



(2) Playstation wireless controllers (with gaming system)

(1) Flashlight



(actual products and component models may vary, for illustration purposes only)

INFLATABLE SCREEN SETUP

STEP 1: UNROLL SCREEN AND UNCOIL TETHERS

Unroll screen on grass or tarp. Unfold the screen so it sits like a clamshell with the white projection surface on the inside (so it doesn't touch the ground). Identify the top and bottom of the screen. The bottom of the screen has the air intake for the air blower. Be sure ground is smooth, level and free of glass, rocks or other debris.

Uncoil white tethers from four corners of screen, top and bottom.

Screen should be at least 10' away from structures and objects such as fences, buildings, trees, overhead branches, power lines, electrical wires, walls, etc. Choose a location where no direct light will hit the screen.

ATTENTION: Do not drag screen across concrete, pavement or other rough surfaces.

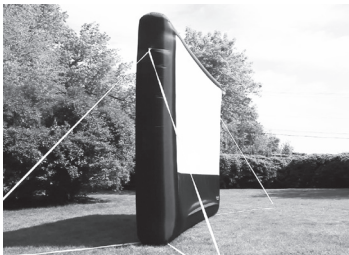


Rear side of screen

Uncoiled white tethers

Properly unfolded screen

Front side of screen with white projection surface inside of clamshell like form



Preview of what screen will look like when properly inflated. Notice how there are two tethers attached to each corner of the screen, front and back. Do not inflate yet.

INFLATABLE SCREEN SETUP

STEP 2: SECURE STAKES AND TETHERS

Place stakes in ground roughly 10 feet from the corners of screen at 135 degree angles.

For 9', 12', and 16' screens, clip the tethers from the corners of the screen to the stakes. For the 20' screen, tie ends of tethers to stake, preferably using a clove hitch knot.

There are eight tethers total, four attached to the top of the screen, four to the bottom. Make sure bottom tethers are taut when connected to stakes, but leave about 3 feet of slack in the top tethers. Tether length can be adjusted using the black sliders on each tether.

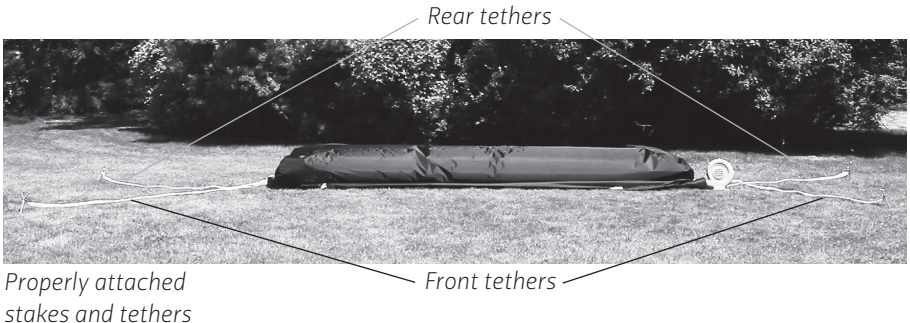
ATTENTION: Be aware of any underground pipes or utilities before driving stakes into the ground.



Place stakes in ground



Attach tethers to stakes with clips



Properly attached stakes and tethers

(12' screen pictured, not all screens are same proportions. For illustration purposes only)

STEP 3: ATTACH AIR BLOWER TO SCREEN

Attach the air blower to the intake sleeve on the side of the inflatable frame using the cinch cord. Plug in the air blower using an extension cord (not provided with Home systems).

Be sure the cinch cord is secured tightly around the coupling of the air blower. Place the air blower in an area where it will not suck in dirt or leaves. Do not use near water. Do not block vents on blower.



Intake vent (left), and air blower (right)



Pull intake vent over blower pipe



Tighten cinch cord around blower pipe



Properly attached intake vent

HOME INFLATABLE SCREEN SETUP

STEP 4: INFLATE SCREEN

Close air vent(s) by zipping closed. Turn on the air blower's power switch. The Open Air Screen should inflate in less than a minute.

The air blower should remain on to continuously maintain air pressure during use. Airflow through seams is normal. Do not try to seal seams.



Zip air vent closed



Turn on the air blower's power switch



The Open Air Screen should inflate in less than a minute.

(Air blower model will vary with each screen size, for illustration purposes only. 12' screen pictured.)

SPEAKER SETUP

STEP 1: SETUP SPEAKER STANDS

This step is only for 16' and 20' systems. 9' and 12' systems do not include speaker stands. So if you have a 9' or 12' system, skip to next step.

Remove speaker stands from protective bags and pace about five feet to each side of the Open Air Home Screen.

Extend the speaker stand legs so that the leg supports are parallel to the ground.



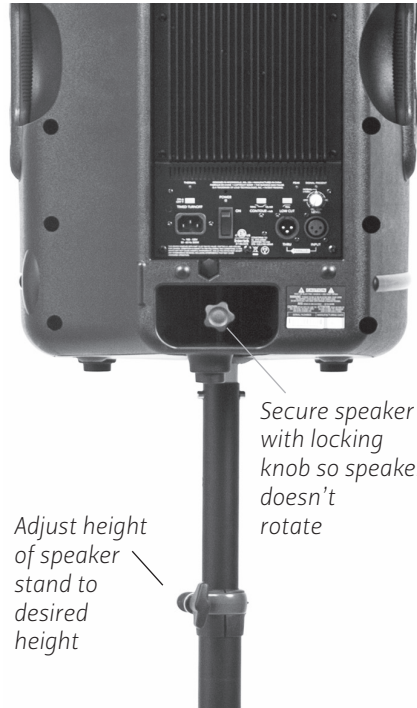
(actual speaker stand not pictured, for illustration purposes only)

STEP 2: PLACE SPEAKERS

For 9' and 12' systems, place speakers on ground about five feet to each side of the Open Air Home Screen.

For 16' and 20' systems, place speakers on speaker stands. Secure speaker to stand with locking knob located on the back of the speaker, (some speakers do not have a locking knob). Raise speaker on speaker stand to desired height. Secure with pin then tighten locking knob on stand so the speaker does not rotate.

ATTENTION: Do not over tighten the locking knob. The pin supports the weight of the speaker, not the locking knob on the stand.



(actual speaker not pictured, for illustration purposes only)

SPEAKER SETUP

STEP 3: ATTACH POWER AND AUDIO XLR CABLES

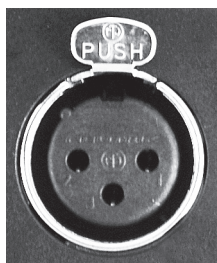
Connect speaker power cord to each speaker. Plug in speaker power cord to an extension cord or power source. Plug in 50' (or 100' for 20' system) XLR audio cables in to the XLR input (middle jack) on the back of each speaker. Run other end of XLR cables to the CineBox Pro console, but do not connect yet.

ATTENTION: Make sure speakers are turned off and speaker volume is all the way down (counterclockwise) before connecting speakers to power or CineBox console. Do not power on speakers until XLR cables have been connected to CineBox console. Failure to do so could result in damage to speakers due to power surge.



Run this end of 50' or 100' XLR cable to the CineBox Console from each speaker, but don't plug into the console yet

Plug this end of 50' or 100' XLR cables into XLR (middle) input into the back of each speaker



Speaker input will look similar to this

(actual XLR cables and inputs not pictured, for illustration purposes only, CineBox™ console will vary with system definition)

CINEBOX™ CONSOLE SETUP

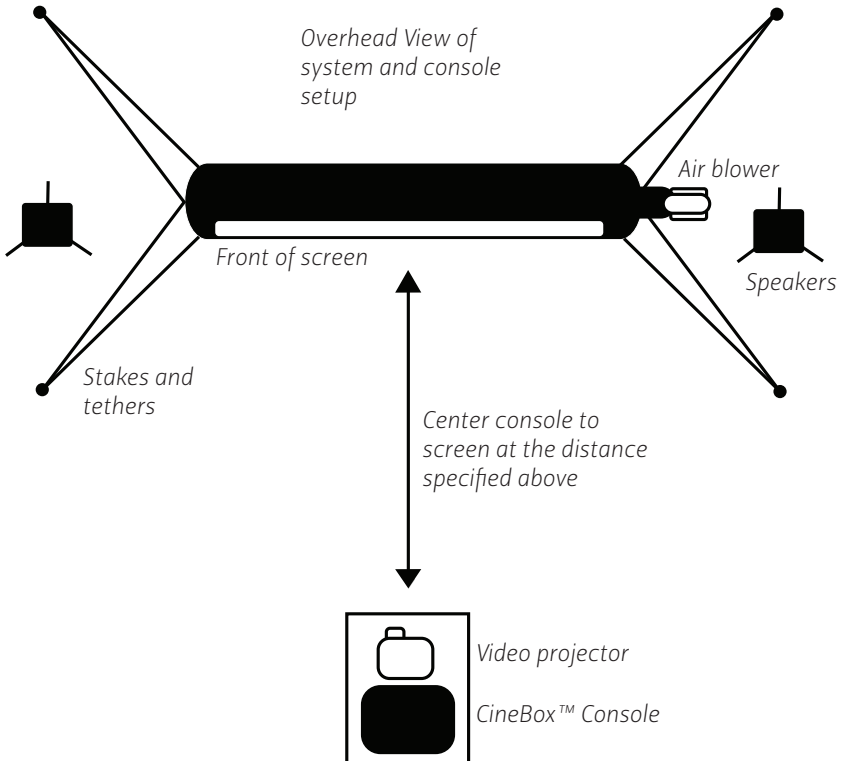
STEP 1: CINEBOX™ AND PROJECTOR PLACEMENT

Center the video projector and CineBox™ Console in front of the Open Air Home Screen at approximately the distance listed on the chart below for your specific system size. Place on small table.

The projector's zoom function will allow for image size adjustment after the projector has been placed.

DISTANCE TO PLACE CINBOX™ CONSOLE FROM CENTER OF SCREEN BY SYSTEM SIZE:

9' Home System	—————	14 feet
12' Home System	—————	18 feet
16' Home System	—————	24 feet
20' Home System	—————	30 feet



(illustration not to exact scale)

CINEBOX™ CONSOLE SETUP

STEP 2: OPEN CINEBOX™ CONSOLE

Unzip the front and back covers of the CineBox Console. Loosen the bundle of cords in the back of the case and identify the main console power cord, the left and right XLR audio cords, the HDMI video cord (for HD and gaming systems), the RCA cable (for standard def systems), and the projector power cord. All cables are pre-plugged into console

ATTENTION: Be sure all volume knobs are turned all the way down (counterclockwise) on the audio mixer.



Main console power cord



Left (white), and Right (red) XLR audio cables



*HDMI cable
(HD and gaming systems only)*



*RCA (yellow) video cable
(pre-plugged for standard def systems only,
although included loose in HD and gaming
system consoles)*



Projector power cord



Be sure all volume knobs are turned all the way down (counterclockwise) on audio mixer

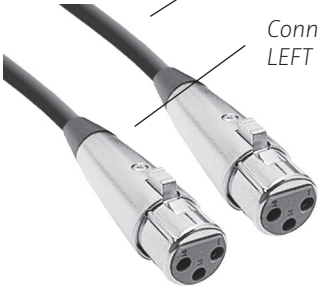
(actual cables and knobs not pictured, for illustration purposes only)

STEP 3: CONNECT CORDS

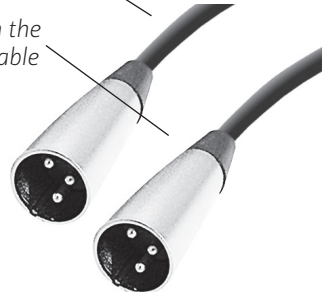
Connect the XLR cords running from each speaker to the left (white) and right (red) audio XLR cables from the CineBox. Plug in the projector power cord to the back of the projector. Plug in the HDMI video cord to the back of the projector for HD and gaming systems. For standard definition systems, plug in the yellow RCA video cable to the back of the projector. Plug in the main CineBox power cord to your power source.

Connect the long XLR cable from the
RIGHT speaker to the RED XLR cable

Connect the long XLR cable from the
LEFT speaker to the WHITE XLR cable



Long XLR audio cables running
from speakers



Short XLR audio cables from back
of CineBox™ Console



Connect
projector
power
cord to
main
power
port



For HD
systems,
connect
HDMI
cable to
HDMI port



For standard
definition
systems,
connect yellow
RCA cable to
"video" port

(actual cables and projector not pictured, for illustration purposes only)

CINEBOX™ CONSOLE SETUP

STEP 4: POWER ON MEDIA PLAYER

Power on the Blu-ray, DVD, or Playstation gaming system. The audio mixer should power on automatically when the main power is plugged in.

ATTENTION: The audio mixer power light will illuminate when powered on. It is possible for an audio signal to pass through the mixer when it is off, but the signal will be very weak. Make certain the audio mixer is powered on for proper audio levels.

STEP 5: POWER ON SPEAKERS AND AUDIO VOLUME

Return to speakers and turn them on. Next, slowly increase the speaker level (volume) to 50% so the line on the volume knob is pointing directly up.

Audio should not be heard at this point. The volume is now adjustable through the audio mixer in the CineBox console.

STEP 6: PERFORM SOUND CHECK

Slowly increase the volume knob labeled “Level 1” until the volume from the speakers reaches the desired level. Make sure the Playstation player is playing content with audio.

You may also use a wired microphone or MP3 player (plugged into one of the other available audio mixer channels) to test the audio levels.

IMAGE ALIGNMENT

STEP 1: ALIGNING THE IMAGE

When it begins to become dark, turn on the projector (and CineBox if needed). Use the projectors adjustable feet as well as the zoom, focus, and keystone features on the projector to fill the projection surface with the image.

You may need to reposition the CineBox Pro console if the zoom function is not sufficient to fill the screen. Consult projector manual on the focus, zoom, and keystone features.



Image needs keystone adjustment



Properly adjusted image

STEP 2: WIDESCREEN 16:9 VS FULLSCREEN 4:3 IMAGE

The Open Air Screen has an aspect ratio of 16:9 (widescreen). Some Blu-Ray and DVD content may be formatted in a 4:3 (fullscreen) aspect ratio which will not fill the entire screen and may leave unused space on the left and right side of the image. Settings in the media player and the projector can stretch the 4:3 image if desired to fill the entire screen.



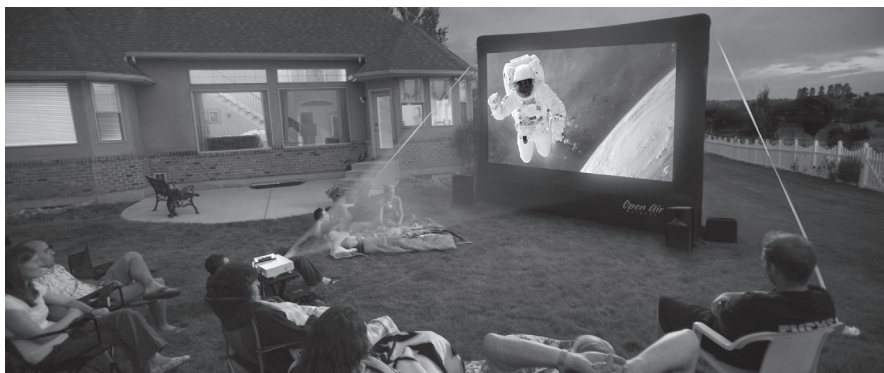
4:3 image does not fill projection surface, however, it is properly displayed



4:3 image that has been stretched to fill the 16:9 projection surface (notice that image gets distorted)

WATCH YOUR MOVIE

You're all ready to watch your movie, so sit back, relax, and enjoy! For troubleshooting steps, see next page.



SYSTEM TAKEDOWN

Power down projector by pushing power button on top of projector or by using remote. Make sure projector cools down completely before unplugging or turning off power source. Failure to do so could result in projector or bulb damage.

Turn down all audio and other knobs on mixers and speakers. Power down all electronic components and neatly coil all cables. Zip up CineBox™ console. Take down speaker stands and return to speaker stand cases (for 16' and 20' systems).

Turn off air blower and guide the screen down so that it folds in half (top to bottom, as shown on step one of screen setup). Unzip the air vent and disconnect the intake sleeve from air blower. Unclip or untie tethers from stakes. Remove stakes from ground and clean off any debris or dirt.

Fold the screen from back to front a few times until it is in a long strip about two feet wide. Roll tightly and place in protective travel bag.

ATTENTION: Prevent the projection surface from touching the ground. Do not pack the screen if it is wet. Hang the screen indoors if necessary to dry before storage.

CONNECTING OTHER DEVICES

CONNECTING COMPUTERS

To send the video image from a laptop computer to the projector connect the “monitor out” of the laptop to the appropriate “computer in” of the projector. Connect the audio out (or headphone jack) from the computer to the “IN 4” channel on the front of the audio mixer or one of the available input channels on the back of the audio mixer. Change the input on the projector to the computer Input. Consult projector manual to change input.

CONNECTING VIDEO GAME SYSTEMS

For video game systems connect the yellow RCA video cable or HDMI video cable to the projector’s video in. Connect the red and white RCA audio cords from the game system to one of the available input channels on the back of the CineBox™ audio mixer.

CONNECTING IPODS AND MP3 PLAYERS

Use the supplied 3.5mm (headphone) cable to connect other audio players to the CineBox console. To play sound and video from an iPod you will need a special iPod audio video cable made for the iPod. Audio connections from the iPod will plug into the audio mixer and the video cords will plug in to the projector.

CARE AND MAINTENANCE

WASHING INSTRUCTIONS FOR SCREEN

Spot clean any soiled areas of screen with a mild detergent and water. Do not use bleach. Rinse any soap thoroughly but avoid soaking more area than necessary. Air dry.

ATTENTION: Do not machine wash or dry. Do not use bleach or strong detergent. Do not allow black frame material to fold or rest on the white surface material when drying. Do not store wet. Color bleeding can occur if screen is not open fully when drying.

CARE AND MAINTENANCE

SCREEN REPAIR

If the inflatable frame develops a hole, repair is possible with a special nylon tape available from Open Air Cinema. Clean and dry the area before application.

When possible it is best to patch from the inside and outside of the tube.

TROUBLESHOOTING

AIR BLOWER DOES NOT TURN ON

Verify power cord is connected properly. Verify the power source has power or is turned on.

SCREEN DOES NOT INFLATE

Make sure all air vents are zipped closed. Make sure inflatable tubes are not twisted.

NO SOUND

Starting at the audio source make sure: 1) All components are connected to the correct audio input and output. 2) The audio source, audio mixer and speakers are properly plugged in and turned on. 3) The volume is turned up on the audio source, audio mixer and speakers.

NO IMAGE

Starting at the image source make sure all components are connected to the correct input and output. Make sure the correct projector input is selected. Make sure the image source (Blu-Ray, DVD Player, Playstation, etc.) and projector are turned on.

UGRADES AND ACCESSORIES

FOR YOUR CINEBOX™ HOME SYSTEM

Honda Generators

FM Transmitters for Drive-In Style Events

Subwoofers and Additional Speakers

Microphones: Wired or Wireless

3D Projectors and Video Kits

Brighter Projectors

Projector case: Foam encased, water resistant, air tight.

Projector Replacement Lamps

Short Throw or Long Throw Projector Lenses
(compatible with upgraded projector)

Backup DVD/BluRay Player, Extra Cables, Extension Cords

Custom Cables, Adaptor Kits, Extra Tarps, Stakes, Tables

Contact us at 866-802-8202 or write us at info@openaircinema.us to order any of the above items today!

Alternatively, you can visit our website at www.openaircinema.us to view product pages for many of the above items.

WARNINGS AND WARRANTY

WARNING!

Read and follow all instructions carefully to avoid injury or damage to equipment.

- Do not expose the electronic components or cords to moisture, extreme heat or cold.
- Make certain all cords are connected properly when in use to prevent fire or electric shock.
- Do not obstruct the air blower's intake vents when in use.
- Do not attempt to use system in winds above 20 mph.
- Secure inflatable screen properly to ground to prevent it from falling or shifting.
- Level speaker stand to prevent tipping.
- Wait at least 2 minutes after turning off projector before unplugging power cord.
- Never expose the inflatable screen to sharp or abrasive objects or moisture.
- Turn speaker & audio mixer volume all the way down before connecting or powering on.
- Do not leave CineBox, air blower, speakers or screen out in the rain or elements when not in use.

WARRANTY

Open Air Home Screens come with a 90 day limited manufacturer's warranty. Warranty covers manufacturer's defects only when product has been used properly according to the instructions provided. Proper use includes tying all ropes or tethers to properly secured stakes or weight appropriate anchoring at the proper distances and angles from the screen. See quick setup guide for proper screen anchoring. Open Air Cinema is not responsible for damage arising from failure to follow instructions relating to the product's use. Warranty does not cover damage to screen caused by winds over 20 mph, use of screen in close proximity to trees, buildings, poles, wires, cars, water and other potentially damaging objects. Further, warranty does not cover damage from materials becoming wet, storage of product after it has become wet, mold, mildew, improper folding and storage, dragging the screen along hard surfaces or acts of God. Customer must submit photos (if damage is visible) and written explanation of defective product to Open Air Cinema before replacement can take place. 90-day warranty applies to screen, tethers, clips, stakes, storage bag and air blower.

CineBox Home console, as well as all other electronics included in the console are covered in the United States with a one year limited warranty. Warranty covers manufacturer's defects. Warranty does not cover damage due to customer negligence or misuse of equipment.

Customer must submit photos and written explanation of defective product to Open Air Cinema before replacement can take place.

Contact Open Air Cinema Customer Support at 1-801-796-6800 or info@openaircinema.us

Products Covered by Other Manufacturer's Warranties:

Optoma projectors are covered with a limited manufacturer's warranty.
Contact Optoma directly at (888) 289-6786 for all warranty issues.

Behringer speakers are covered with a one year limited manufacturer's warranty.
Contact Behringer (Music Group Services) directly at (425) 672-0816 for all warranty issues.

Ultimate speaker stands are covered with a limited manufacturer's warranty.
Contact Ultimate directly at 800-525-5628 for all warranty issues.

B-Air blowers are covered with a one year limited manufacturer's warranty.
Contact B-Air directly at 877-800-2247 for all warranty issues.

Consult individual component manuals for more manufacturer warranty information

CAUTION!

- The complete CineBox Home System can use a full 15 amp circuit.
- Do not use other electronics on the same circuit as the CineBox Home System.
- Use only GFCI protected receptacles.

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