



CINEBOX™ PRO

SYSTEM USER GUIDE



Open Air
C I N E M A

call +1 (866) 329-3180



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 over half an hour. Once you've used your system once or twice, you'll be able to set it up in 30 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 +1 (866) 329-3180 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 Pro
inflatable Movie Screen
with screen storage bag



(8) Tie down
tethers (attached
to screen)



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

Miscellaneous

(4) Steel
Stakes

(1) Mallet



(2) Speaker Stands
(1) Dual Speaker Stand Bag



(2) Powered Speakers



(2) Speaker bags



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

(1) Audio Mixer

(1) CineBox™ PRO Console
with protective carrying case



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



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



(1) 3.5 mm
(headphone)
cable



(1) Video Projector



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

(2) 100' XLR Audio Cables (20' system)



(1) HDMI Cable (pre-
plugged)



(2) Speaker
cables



(2) Playstation
wireless controllers
(with gaming system)

(1) Flashlight



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

SCREEN SETUP

STEP 1: UNROLL SCREEN

Unroll screen on grass or tarp. Be sure ground is smooth, level and free of glass rocks or other debris. 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.

STEP 2: ATTACH BLACKOUT BACKDROP

If not already attached, attach blackout backdrop to rear of projection surface with zipper and Velcro.

ATTENTION: Be sure the blackout backdrop is aligned correctly or it will prevent the inflated Open Air Screen from standing up straight. Adjustments can be made once the screen is inflated.

STEP 3: ATTACH PROJECTION SURFACE

Remove white projection surface from protective bag and attach to inflatable frame with heavy-duty zippers.

ATTENTION: Keep projection surface clean by avoiding contact with dirty surfaces such as grass, pavement or dirt. See Care & Maintenance section for washing instructions.

STEP 4: ATTACH AIR BLOWER

Attach the air blower to the intake sleeve on the back of the inflatable frame using the Velcro straps. Plug in the air blower using the supplied extension cords.

ATTENTION: Be sure the Velcro straps are wrapped 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 block vents on blower.

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

SCREEN SETUP

STEP 5: INFLATE SCREEN

Close air vents by first zipping them closed then securing the Velcro flap over the zipper. Turn on the air blower's power switch. The Open Air Screen should inflate in about a minute or less.

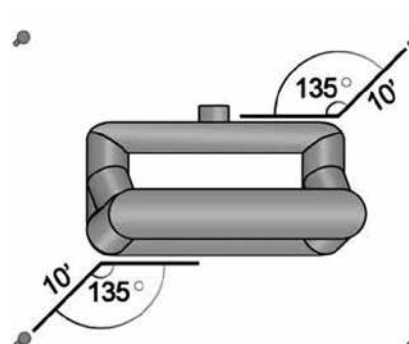
ATTENTION: Air blower should remain on to continuously inflate screen during use. Airflow through seams is normal. Do not try to seal seams.

STEP 6: SECURE STAKES & TETHERS

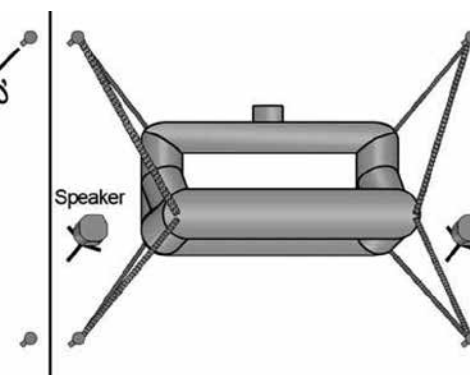
Place stakes in ground roughly 10' from the corners of screen at 135 degree angles. View diagram below. Tie the tethers from the corners of the screen to the stakes. In windy conditions the Open Air Screen should be tied down to stakes prior to inflation.

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

STEP 7: TOP VIEW: STAKE PLACEMENT



STEP 8: TOP VIEW: ATTACHED TETHERS



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

SPEAKER SETUP

STEP 1: SETUP SPEAKER STANDS

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

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



STEP 2: PLACE SPEAKERS

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 100' XLR audio cables into 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.



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

CINEBOX™ CONSOLE SETUP

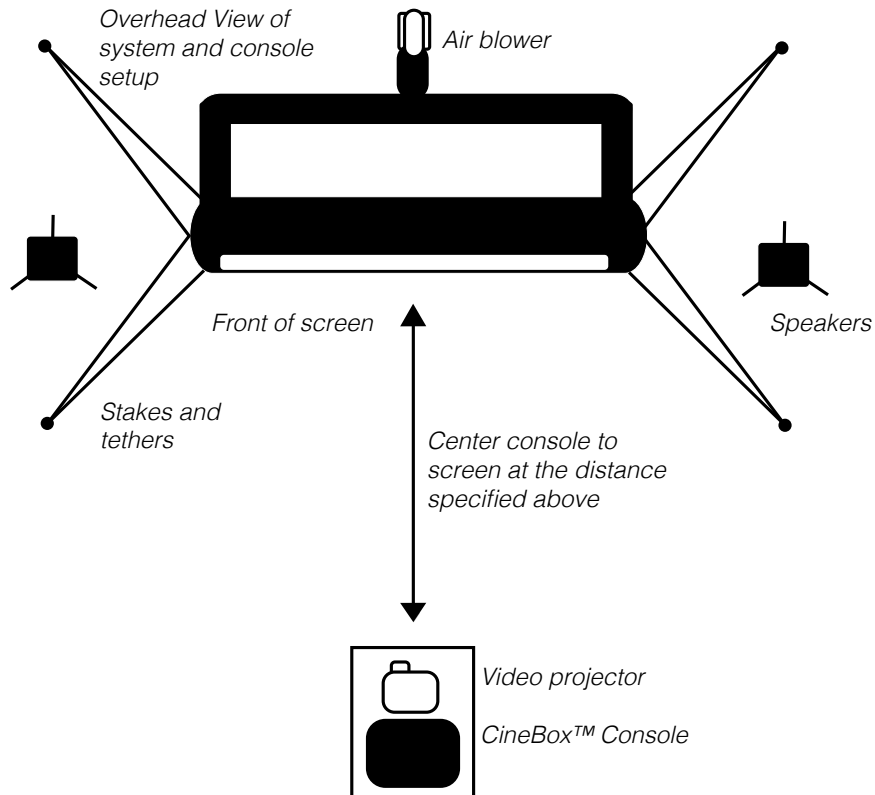
STEP 1: CINEBOX™ AND PROJECTOR PLACEMENT

Center the video projector and CineBox™ Console in front of the Open Air Pro 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:

12' Pro System	_____	18 feet
16' Pro System	_____	24 feet
20' Pro System	_____	30 feet



(illustration not to exact scale)

CINEBOX™ CONSOLE SETUP

STEP 2: OPEN CINEBOX™ CONSOLE

Unlock 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, 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



Projector power cord

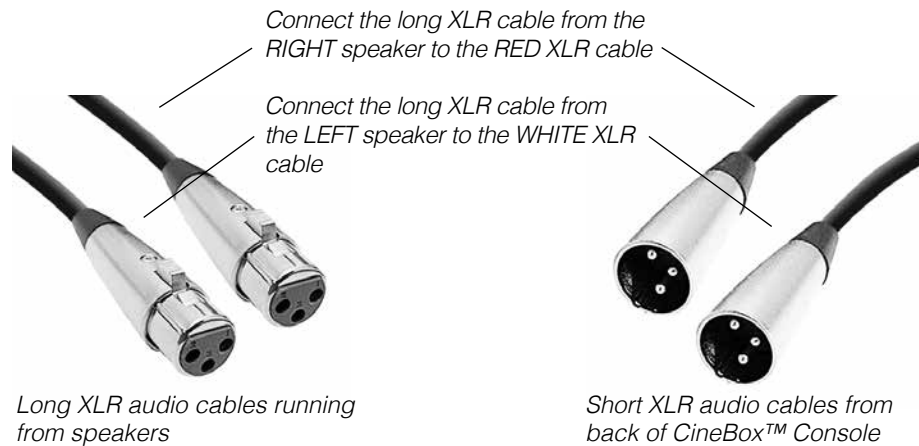


Be sure all volume knobs are turned all the way down (counterclockwise) on audio mixer

(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. Plug in the main CineBox power cord to your power source.



[actual cables and projector not pictured, for illustration purposes only]

STEP 4: POWER ON MEDIA PLAYER

Power on the Blu-ray 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. Lock CineBox™ console. Take down speaker stands and return to speaker stand cases.

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). Unlock 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.

The projection surface of your screen is machine-washable. Place projection surface in a large washing machine. Select the delicate wash cycle with cold water. You can use a mild detergent, but do not use bleach. Air dry. Do not wash with any other items. Do not wash in warm water. Do not heat dry. Do not use strong detergent.

CARE AND MAINTENANCE

SCREEN REPAIR

If the inflatable frame develops a hole, repair is possible with a special vinyl 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, Playstation, etc.) and projector are turned on.

PATCH KIT

If the inflatable frame develops a hole, clean and dry the damaged area. Cut a round patch that is two inches wider than the hole. Apply an even coat of included glue to both surfaces. Let it dry for 2-5 minutes. Press together.

UGRADES AND ACCESSORIES

FOR YOUR CINEBOX™ PRO 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 +1 (866) 329-3180 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 Pro Screens come with a two year limited manufacturer's warranty. Warranty covers manufacturer's defects and warranties the screen for use in up to 25 mph winds when used properly. Proper use includes tying all eight ropes or tethers to properly secured stakes or weight appropriate anchoring at the proper distances and angles from the screen. See instruction manual 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 25 mph, use of screen in close proximity to trees, buildings, poles, wires, cars, and other potentially damaging objects, dragging the screen along hard surfaces or acts of God.

CineBox Pro 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 (866) 329-3180 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.

Mackie speakers are covered with a two year limited manufacturer's warranty. Contact Mackie directly at (800) 898-3211 for all warranty issues with a one year limited manufacturer's warranty.

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



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