

Xpand Universal 3D glasses (X103)

Quick-Install user guide

Getting started.

What is included:

- One (1) pair of 3D glasses
- One (1) cloth bag
- Three (3) Nosepieces
- Two (2) Extra CR2032 batteries.

Compatibility:

Active 3D ready TV sets, Xpand cinema. For updated list; check regularly at www.xpandcinema.com/3dtv

Warranty

1-year limited product repair / replacement warranty. For detailed warranty statement visit www.xpandcinema.com

Functionality

Glasses Overview

- (1) Button (On, Off, TV selection)
- (2) LED light.

TV Manufacturer Codes

Samsung or Mitsubishi	One blink
LG	Two blinks
Sony	Three Blinks
Panasonic and Toshiba	Four Blinks
Philips	Five Blinks
Xpand Emitter	Six Blinks
Sony Laptops	Three Blinks
HP laptops	Five Blinks
JVC LCOS projector	Five Blinks

* some TV models require the use of external emitter, please check with your TV manufacturer.

If you do not see your TV manufacturer listed go to www.xpandcinema.com/3dtv for a complete list

Turning On/Off your glasses

- Step 1 ON: Press button (1) once
- Step 2 LED light (2) will ramp from off to bright.
- Step 3 OFF: Press button (1) once
- Step 4 LED light (2) will ramp from bright to off

Select TV

- Step 1 While the glasses are on, press and hold the button (1) for 3 seconds.
- Step 2 LED light (2) will blink once, corresponding to a Samsung TV (See TV manufacturer codes above)
- Step 3 Press button once to step through the other TV options until you get to your TV manufacturer.
- Step 4 If you have selected the correct TV manufacturer than sit back and enjoy your program. Within 30 seconds the glasses will exit the programming mode and store your selection in memory. The glasses will always start up in this mode the next time you turn the glasses on.

Set glasses for use in XPAND equipped cinemas

- Step 1 On: Press and hold button (1) for 3 seconds.
- Step 2 LED light (2) will blink 3 times.
- Step 3 OFF: Press button (1) once.
- Step 4 LED light (2) will ramp from bright to off.

Battery Replacement.

- Step 1 Open battery compartment.
- Step 2 Take out the battery
- Step 3 Insert the new battery.
- Step 4 Close the battery compartment.

Troubleshooting

Glasses don't work: Make sure that glasses are turned on in home mode and proper TV manufacturer was selected in program mode. If problems persist try to turn ambient lights off or shade windows if intensive sunlight is present. Make sure that IR emitter on the TV is not blocked by some object and that viewing angle is not too large.

Glasses don't work with Samsung TV: On some models there are intensive IR disturbances caused by backlight. Try to reduce backlight setting on the TV until glasses start working. Also make sure that IR emitter on the TV is not blocked by some object and that viewing angle is not too large.

Attention- Consult Accompanying Documentation.

Important Safety Instructions

- Read these instructions.
- Keep these instructions
- Heed all warnings
- Follow all instructions
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Only use the attachments / accessories included.

Battery:

Replace Battery with type CR2032 only.

Use of another battery may present a risk of fire or explosion.

Warning, battery may explode if mistreated. Do not recharge, disassemble or dispose in fire.

Dispose of used battery promptly. Keep away from children.

Viewers need to refer to the recommendations described below.

- Stop watching moving images if you have any symptoms of: headache, dizziness, nausea, malaise and any uncomfortable feelings that might be caused by the images. It is advisable to take a break for 5 to 15 minutes every hour, even if the symptoms are not experienced.
- Make the viewing conditions comfortable by:
 - Adjusting the illumination, sound and air conditioning.
 - Adjusting the height of the chair and desk to suit your physique.
 - Adjusting the brightness, focus or any other parameters of your display terminal or operating devices.
- Guardians are encouraged to protect their children's health by controlling viewing conditions.
- Avoid unnecessary fatigue caused by overwork or lack of sleep, before watching visual products.
- When watching stereoscopic images, do not incline your head relative to the horizontal direction of the images.
- Stop watching stereoscopic images if you notice double images. It is not important that display devices be adjusted appropriately.
- The recommendations described in this list may apply to some visual products more than others.

Specifications:

Weight (stereoscopic 3D glasses):	50 grams.
Power supply"	Battery type CR2032 3Vdc. / 0.2A
Operating temperature:	5°C – 40°C

For further information go to the Xpand website at www.xpandcinema.com