

some kinds of television pictures or playing certain video or computer games. Persons who have not had any previous seizures may still have an undetected seizure condition.

If you or anyone in your family has experienced symptoms linked to a seizure condition, including experiencing seizures or a loss of awareness, consult your physician before viewing 3D media.

We recommend that Parents or Guardians observe their children while the children use 3D glasses. Discontinue use immediately and consult your physician if you or your child experience any of the following symptoms: dizziness, altered vision, eye or muscle twitching, involuntary movements, loss of awareness, unconsciousness, disorientation, or seizures. Do not use 3D glasses for extended periods of time.

#### May Cause Eye Fatigue

Some users have reported dizziness, headaches, or eye fatigue as a result of viewing media in 3D. Discontinue use if you or your child experience any of these conditions. Do not use 3D glasses for extended periods of time. Parents or Guardians should limit use by children to no more than a few hours per day.

#### Young Children

The vision of young children (especially children under the age of six) is still under development. Consult your doctor (such as a pediatrician or eye doctor) before allowing young children to watch 3D video images



or play 3D videos games. Parents or Guardians should supervise young children to ensure they follow these recommendations.

#### Choking Hazard: Keep Out of Reach of Small Children

Babies and young children could choke on small pieces associated with 3D glasses. Keep the 3D glasses out of reach of small children.

#### Stereoscopic Viewing May Cause a slight After-Effect in Your Vision

Your eyes change to accommodate viewing through stereoscopic glasses. Wait a few moments after you remove the 3D glasses for your eyesight to return to normal before resuming your regular activities.

#### Do Not Use 3D Glasses for other purposes than viewing 3D visual content

Do not wear 3D Glasses as sunglasses or safety glasses. Never wear 3D glasses while driving, swimming, or operating machinery. Do not use near staircases, ledges or balconies. You may risk falling during or after use. Never use 3D glasses if you are tired, fatigued, or ill.

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## XPAND 3D Glasses Lite Cinema (IR)

Model No. X105-IR-C2 (3D Glasses)

### User Guide

**XPAND**  
BEYOND IMAGINATION

## Glasses Overview



(1) LED light

## Compatibility

XPAND Cinema secured IR sync, 48, 50, 60, 72 and 92 - 160 Hz frame rate (96, 100, 120, 144 and 184 - 320 Hz field rate).

## Technical Specifications

**3D Technology:** Infrared Active Shutter Glasses

**Lens type:** LCD, TN cell

**Sync Method:** IR

**HFR:** Yes

**Shuttering Frequency:** 96 Hz to 320 Hz

**Temperature:** 5 – 45° C

**Battery Life:** more than 100 hours

**Battery Type:** Rechargeable Lithium-ion Polymer cell

## Frame Specifications

**Lens Size:** 2.2" diagonal (58 mm)

**Weight:** 1.4 oz (40 g)

**Dimensions (W x H x D):** 6.7" x 1.6" x 6.6" (170 mm x 41 mm x 169 mm)

**Frame Colour:** Black

## Functionality

### Turning On/Off the Glasses

When 3D sync is present glasses will automatically turn ON. Glasses will also turn OFF automatically if no 3D sync is present for more than 1 minute.

### Battery Low Indication

If LED light (2) and shutters are flashing with short blinks when the 3D sync is not present, battery level is low. The glasses will continue to operate normally until the battery is completely discharged.

## Charging the Battery

To **charge** the eyewear, use the micro USB cable to connect the charging port on the glasses to a powered USB port (computer or wall charger with a USB compliant output). The LED light (1) will be lit during charging. When the charging is completed, the LED light will turn off.



## 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 specified by the manufacturer.



## Battery

The 3D Glasses Battery is not user replaceable.

**WARNING, Battery May Explode If Mistreated. Do Not Disassemble, Or Dispose of In Fire.**

## Regulatory Compliance Statements

Caution: Any changes or modifications to this equipment not explicitly approved by X6D Limited shall void the user's authority to operate it.

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, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Hereby X6D Limited declares that the X105-IR-C2 is in compliance with the essential requirements and other relevant provisions of the EU Directive 2004/108/EC. The declaration of conformity may be consulted at <http://www.xpand.me/products/xpand-3d-glasses-lite/declaration-of-conformity/>

## General Health And Safety Warning

Warning!

Carefully read and follow all warnings in the User's Guide to reduce health risks associated with viewing media in 3D. Before allowing a child to view 3D media, Parents or Guardians must read and follow the warnings and ensure that the child understands and follows the warnings.

May Cause Seizures

Some people have a condition that can cause them to experience seizures or lose consciousness momentarily while viewing certain kinds of flashing lights or patterns. These persons may have seizures while watching