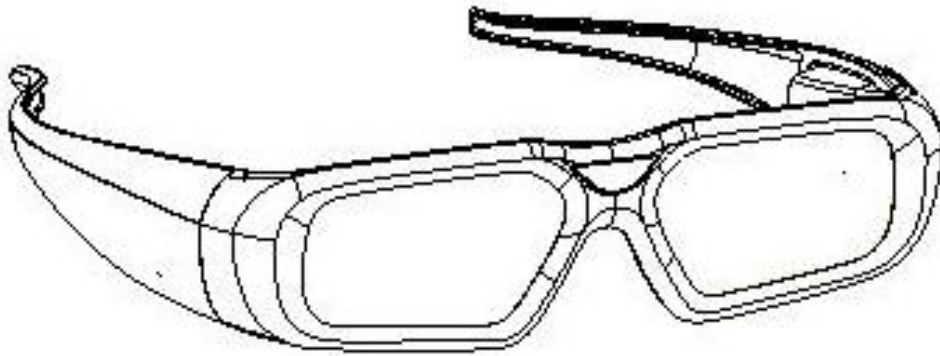

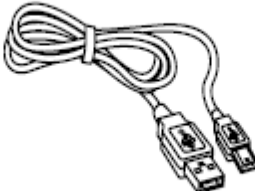
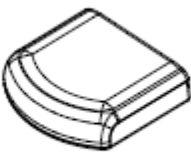





# RF 3D Glasses

## ZF2300 User's Manual



### Contents

 Glasses	 Charging Cable	 Emitter*
 Soft Case	 Cleaning Cloth	 VESA Cable*

(\*)ZF2300 Kit only

3x Nose pieces

#### **Precaution:**

- Do not disassemble or repair
- Do not leave in direct sunlight or in excessive heat areas
- Do not use the product while driving or operating machinery
- Gently clean the glasses with the included microfiber cloth
- Do not use hard or abrasive materials on the product

**IMPORTANT SAFETY INFORMATION. READ THE FOLLOWING WARNINGS BEFORE YOU OR YOUR CHILD USE THE 3D FUNCTION.**

**Warning**

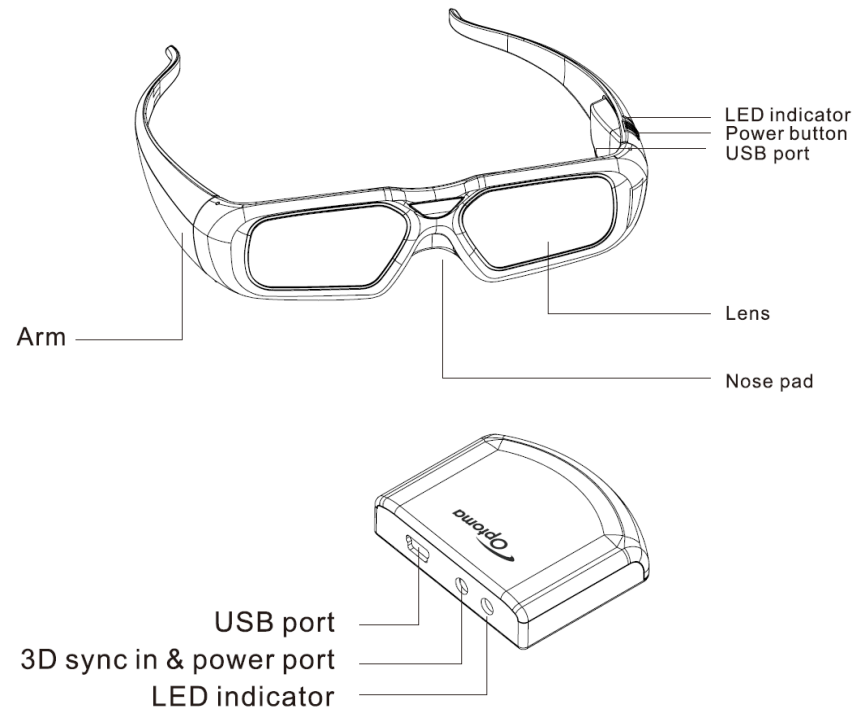
Children and teenagers may be more susceptible to health issues associated with viewing in 3D and should be closely supervised when viewing these images.

**Photosensitive Seizure Warning and Other Health Risks**

- Some viewers may experience an epileptic seizure or stroke when exposed to certain flashing images or lights contained in certain Projector pictures or video games. If you suffer from, or have a family history of epilepsy or strokes, please consult with a medical specialist before using the 3D function.
- Even those without a personal or family history of epilepsy or stroke may have an undiagnosed condition that can cause photosensitive epileptic seizures.
- Pregnant women, the elderly, sufferers of serious medical conditions, those who are sleep deprived or under the influence of alcohol should avoid utilizing the unit's 3D functionality.
- If you experience any of the following symptoms, stop viewing 3D pictures immediately and consult a medical specialist: (1) altered vision; (2) light-headedness; (3) dizziness; (4) involuntary movements such as eye or muscle twitching; (5) confusion; (6) nausea; (7) loss of awareness; (8) convulsions; (9) cramps; and/ or (10) disorientation. Children and teenagers may be more likely than adults to experience these symptoms. Parents should monitor their children and ask whether they are experiencing these symptoms.
- Watching 3D projection may also cause motion sickness, perceptual after effects, disorientation, eye strain and decreased postural stability. It is recommended that users take frequent breaks to lessen the potential of these effects. If your eyes show signs of fatigue or dryness or if you have any of the above symptoms, immediately discontinue use of this device and do not resume using it for at least thirty minutes after the symptoms have subsided.
- Watching 3D projection while sitting too close to the screen for an extended period of time may damage your eyesight. The ideal viewing distance should be at least three times the screen height. It is recommended that the viewer's eyes are level with the screen.
- Watching 3D projection while wearing 3D glasses for an extended period of time may cause a headache or fatigue. If you experience a headache, fatigue or dizziness, stop viewing the 3D projection and rest.

- Do not use the 3D glasses for any other purpose than for watching 3D projection.

### ***Parts and components***



### ***Operating Instructions***

It is recommended that you charge your 3D glasses for a minimum of 3 hours before first use, using the supplied USB/mini USB cable. (The glasses can still be used while charging)

#### ***1. Normal Usage***

##### **1. 1 Connect emitter to Optoma Projector**

Connect the emitter to your projector's "3D SYNC OUT" port using the supplied cable. (2.5mm jack / VESA 3-PIN mini DIN)

NB: Ensure that your projector is connected to a compatible 3D source and that that the "3D Sync Out" port is enabled. (This is usually automatic when 3D content is supplied via HDMI 1.4)

##### **1. 2 Select VESA in projector OSD**

Select VESA 3D mode in projector OSD.

While searching for a 3D signal, the LEDs on the emitter will keep blinking. When a 3D signal is detected, they will turn to solid Blue.

### 1.3. Be within the pairing zone

When pairing the glasses for the first time, the glasses must be within pairing range zone. Once paired with the emitter, the glasses will function within the viewing range.

If the glasses fail to sync with last paired emitter, the glasses can be paired again with the nearest emitter. When pairing the glasses, the glasses must be within the pairing range zone. If the glasses do not detect the last paired emitter, the blue and red LED will blink alternately. If sync hasn't commenced with the emitter within 30s, Red indicator will blink three times and then glasses will shut OFF.



### 1.4. Turn on the glasses

Turn on your 3D Glasses by switching the power switch to ON. The glasses will sync with the last paired emitter (the Blue indicator on the glasses will blink twice and then remain off. The LCD lens will blink twice and then remain on).

## 2. Turn Off

Red LED blinks three times when the switch is turned off.

## 3. Charging the glasses

USB Charger, computer USB port and most other USB interface can be used to charge the glasses. While charging, the red led on the glasses will be lit. After the charging is complete (3hrs) the indicator will automatically go off.

## 4. Change Nosepiece

The 3D Glasses come with three types of interchangeable nose pieces to provide the most comfortable fit.

## **5. No signal/ Searching**

If the glasses do not receive a 3D-Sync signal, the Blue indicator will flash every 3 seconds and LCD lens turns off. After 5 minutes, the glasses will automatically power off.

## **6. Low Battery**

The LCD lens will blink twice every 5 seconds and Red indicator will flash three times per second to remind a user to charge the glasses. After 2min, the LCD lens will blink three times and then glasses will turn off.

## ***Trouble Shooting***

1. Glasses won't power on.  
Ensure that the glasses are fully charged
2. The image still looks 2D.  
Ensure you are using:
  - a. 3D blu-ray player with 3d function enabled.
  - b. 3D blu-ray disc
  - c. Optoma projector with 3d Vesa enabled and rf emitter connected to the projector.
  - d. Glasses are on.
3. Glasses won't stay synced.
  - a. Shorten the viewing distance
  - b. Ensure the glasses are fully charged.
  - c. Do not use multiple emitters in close proximity.