

## INSTRUCTION MANUAL

## 3DGLASSES

### 3D TV GLASSES

#### Operation — On/Off:

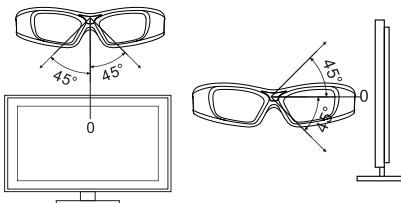
- **To power on:** press **POWER** button once.
- **To power off:** keep pressing **POWER** button for 3 seconds.
- **Auto power off:** The Glasses will auto power off if no IR signal received.
- **USB recharge:** If the Glasses has no power or at poor power status, you can use the USB cable to connect the power socket to the USB port and charge.

**Note:** Under normal use, the 3D Glasses will auto off when users move it from the 3D SYNC emitter's view range or angel, for more than 1 minutes.

#### About LED lights

- Flash blue once when the Glasses is On.
- Flash blue three times when Off.
- Light is off when auto power off.
- Flashes once in every 3 seconds during working.
- Lights red during recharge. Light is off when the battery is full.

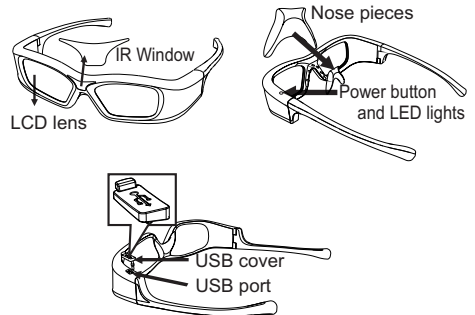
**For optimal 3D effect it is important that you properly select your viewing angle.**



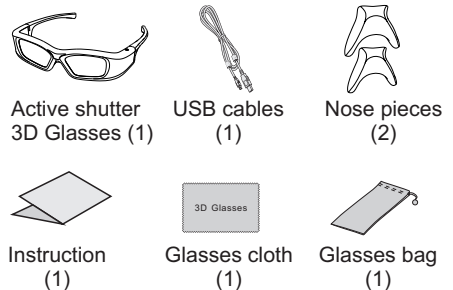
Please read this manual carefully before operating and keep it for future reference.

The first time you use the 3D Glasses, please charge the Glasses (see the following page for details).

#### Parts and components



#### Accessories

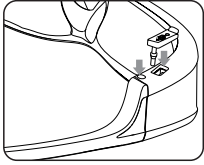


#### Note:

- The above pictures are only for reference. The appearance may be changed for the sake of improvement.
- Design and specifications are subject to change without notice.

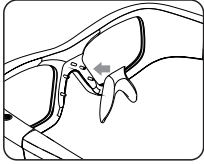
# Recharging the battery and replacing nose pieces

## 1. Recharged by Micro USB



Please charge the Glasses as illustrated. Lights red during charging, light is off when the battery is full.

## 2. How to replace nosepiece



Nosepiece is replaceable. Replace nosepiece as illustrated. Nosepiece in different sizes are available.

## Electronic Features

Contrast (Typ.)	1000 : 1
Frequency	120 Hz
Working current	1.8 mA
Modulate frequency	20 kHz
Battery life span	Working 50 hours (Typ.) continuously in case of full recharging battery
Battery recharge time	2~3h
Battery rechargeable number	More than 500 times
Viewing distance (between TV and Glasses)	Less than 6m
Work temperature	0°C~40°C
Power supply	Rechargeable battery with Micro USB
Unit weight (including battery)	41 g
Transmittance (Typ.)	38%
Response time (Typ.)	2 ms
View angel	90°
SYNC operation	Infrared

## Troubleshooting

- **My 3D Glasses do not operate?**
  - Focus your 3D Glasses towards the front of the TV.
  - Make sure that the distance between the TV and your Glasses in a straight line.
  - If the battery is drained, please recharge the battery.
  - Check the 3D function settings of your 3D TV.
- **The LCD lens shake or blink when you watch the 3D TV.**
  - If the battery is drained, please recharge the battery.
  - When there are signal interference around your 3D TV, such as the magnetic light (50Hz or 60Hz), please shut down the interference source.

## Safety precautions

- Some people may experience discomfort (such as eye strain, fatigue, or nausea) when using this product. We recommends that all viewers take regular breaks while watching 3D images. The length and frequency of necessary breaks will vary from person to person. If you experience any discomfort, you should stop using this product and watching the 3D images until the discomfort ends; consult a doctor if you feel necessary.
- The vision of young children (especially those under six years old) is still under development. Consult your doctor (such as a pediatrician or eye doctor) before allowing young children to watch 3D images. Adults should closely supervise young children to view 3D images.
- Anyone who has had a seizure, loss of awareness, or other symptom linked to an epileptic condition, or has a family history of epilepsy, should contact a health care professional before using the 3D function.
- Watching 3D images while sitting too close to the screen for many hours may weaken your eyesight.
- Some 3D pictures may startle or excite viewers. The pregnant, elderly and epileptic and those suffering from a weak heart or serious carsickness are advised to avoid watching 3D images.
- If you are ill or feel ill, or you do not have good sleeps, or when you under the influence of alcohol, you should refrain from viewing 3D images.
- Viewing in 3D may cause dizziness and/or disorientation for some viewers. Therefore, to avoid injury do not place your TV near open stairwells, balconies, or wires. Also do not sit near objects that could be broken if accidentally hit.
- Do not wear the 3D Glasses for any purpose other than viewing 3D programming. Wearing the 3D Glasses for any other purpose (as general spectacles, sunglasses, protective goggles, etc.) may physically harm you or weaken your eyesight.

## Notes on handling the 3D Glasses:

- When cleaning the 3D Glasses, gently wipe with a dry, soft cloth to remove any dirt or dust from the 3D Glasses. Harsh rubbing or use of a dirty or coarse cloth will scratch the 3D Glasses.
- Do not use benzene, paint thinner, alcohol, water, or abrasive cleaners, which may damage the 3D Glasses.
- When not using the 3D Glasses, avoid storing them in areas of high heat and humidity.
- Do not store the 3D Glasses in areas of extreme heat or cold, as deformation can occur. If deformation occurs, replace the 3D Glasses.
- The lenses of the 3D Glasses are different from those of ordinary glasses, and are very thin. Be very careful in handling the 3D Glasses as the lens can pop out easily.
- Do not put excessive force on the lenses.
- Do not scratch the surface of the lenses with sharp objects.
- Do not drop or bend the 3D Glasses.
- If these glasses are broken, keep broken pieces away from your mouth or eyes.
- The 3D Glasses are not subject to repair. If the Glasses are broken or scratched, purchase a new pair of 3D Glasses.
- The recharge battery is irreplaceable. If the battery can not be recharged again, purchase a new pair of 3D Glasses.



SANYO Electric Co., Ltd.