

Authorised Dealers

**SHARP Panasonic SONY**  
**PHILIPS HITACHI *Pioneer* JVC**

---

## **Information Leaflet PQ01**

---

In our many years of experience of selling and dealing with large screen televisions (LSTV's), we have come across many types of phenomena including the geometry. All LSTV's suffer from bending to some extent and some TV's will exhibit this more than others. The vast majority of reports we have had on this tend to come from customers who have gone to a larger screen size or bought a widescreen TV for the first time. Allowances must be made for differences between normal 4:3 TV's and LSTV's.

Geometry is unfortunately a limitation of domestic cathode ray tube technology. The method employed to create a picture on the inside screen of the tube involves electronic circuitry to ensure the 'beam speed' is adjusted at the corners and sides so the picture is as square as possible. Regrettably this cannot be made 100% true, without significantly increasing production costs. Such increases would, inevitably, impact on the final purchase price to the customer.

We have also noticed that local surroundings can sometimes effect the geometry on LSTV's. Areas that have some form of electro-magnetic force, e.g. under/near power-lines, will cause various effects on the screen including bending or discolouration.

However, we must point out that because all LSTV's suffer from this effect, manufacturers have deemed that this is not a fault.

---