

Guide to indoor big screens for church sports screenings

Introduction

If you don't have a big screen (or a big enough screen!) at your church for showing the Olympics, here are a few tips for setting one up. Disclaimer: This is by no means the only way of doing it and although the information is correct to the best of our knowledge there may be errors & omissions!

Technical Requirements

1. A screen

We bought a large portable DaLite fast fold screen (8ft high by 14ft wide - 16:9 widescreen) from AvCom (<http://www.avcom.co.uk/fast-fold.htm>) It comes in a heavy duty flight case on wheels and 2 people can put it up or down in about 10 minutes or less. You can get the screen surface to be either rear projection or front projection material. We paid extra and got both for different set ups. The total cost is £2,200 +VAT or you can hire for £80 per day if you just want it one-off.

2. A bright HD projector

We bought a decent HD widescreen projector - a [Mitsubishi FL7000U](#) - for about £6,500 (we use this every week for other events in the church so it was a necessary purchase anyway.) The FL7000U is a small unit but is full 1080p and 5,000 lumens - and in comparisons we tried with other projectors - it is brighter than even some 6,500 lumen projectors.

3. An HD TV signal

You could use an HD Freeview box if you have a good TV aerial & signal. Otherwise you can use any standard satellite dish such as a Sky dish if you have one, along with a Freesat HD receiver. We bought and installed a satellite dish on the roof with 25 metre cable and satellite finder to set it up from www.maplin.co.uk for about £100:

Part	Description	LineTotal
A03FT	Single LNB	19.99
A10FB	65cm Single Dish	34.99
A96FG	Satellite Finder	14.99
N55CU	25m Sat Cable Kit	19.99
QQ77J	F Plug to Plug 5m	10.99

But it looks like Argos has a 60cm dish complete kit for £35 at the moment which might well work just as well. You'll just need to make sure you have enough satellite cable to get from the dish to the Freesat box which should go next to your projector.

We then bought an HD Freesat box from www.argos.co.uk - you can get any box as long as it's HD; they start from about £60. We installed the dish ourselves - you can do this by attaching it to a wall in the right place or, if you aren't allowed to fix to your building, attaching it to any heavy object and putting it safely on a flat roof with good south-east visibility. You then need to use the satellite finder and instructions along with a online

website calculator like <http://www.uksatellitehelp.co.uk/2007/08/12/satellite-alignment-calculator-v2/> and a bit of time experimenting to get the dish pointing the right way.

If you can get mains power, a small TV, the satellite box and finder up to the roof with you this becomes a lot quicker and easier than trying to call someone who is downstairs looking at the big screen!

4. A backup plan

We usually have a laptop set up connected to the projector as well with the feed streaming on the internet. This is our backup feed in case the satellite feed went down. Generally satellite feed is much better and more reliable. Internet can get busy, overloaded or drop off unexpectedly but we have not ever relied on the internet as being our main feed. Obviously a wireless internet feed would add an extra level of possible unreliability. We've never lost a satellite feed so far though!

Licensing Requirements

We pay an annual TV licence (normal cost). This covers us completely from a legal point of view to show live screenings unless we were to charge entry to the event to make money. We charge for the food we provide alongside the games. (BBQ or similar)

The BBC plan to post the following on their website regarding the Olympics:

Guidance notes for those planning display of BBC transmission of 2012 Olympic Games

Providing the public with access to television(s,) in the United Kingdom, displaying live the BBC transmissions of programmes incorporating events from the 2012 Olympic Games (the "Programmes")

The following are the conditions under which the BBC itself will not object to the public performance (as described above) of the Programmes, (please note the International Olympic Committee may issue its own guidelines for the public performances):-

1. BBC will not supply a direct feed to any user. Any access to the BBC transmissions must be off-air.
2. It is event organiser's responsibility to have obtained all the necessary consents to enable the public performance of an off-air broadcast, such as the statutory Television Licence.
3. The BBC transmissions of the Programmes must be received and shown simultaneously with their transmission by the BBC, in their entirety, without any cuts, alterations, modifications, interruptions or superimpositions. In particular, all credits, or messages must be broadcast in full off-air. There can be no imposing of any other commercial messages into or over the broadcast.
4. No payment or charge, either direct or indirect, may be made to the general public for the privilege of viewing the performance of the Programmes.
5. The presentation of the public performance described above (for example but not limited to branding and marketing) must not pass off the event organiser company itself or the provision of the public performance or any associated element of the public performance as endorsed or associated with the BBC

Provided that the conditions are met in full, BBC will not object to the provision a public

performance of the Programmes as described above.

Other Considerations

We have on occasion bought a temporary event licence allowing us to sell alcohol. This costs £21 from our council and can be done online very easily (at least 10 days before the event).