

# Connect it and forget it!

## Say goodbye to loose connections.



The **Locking HDMI** is the sure fix solution chosen by experts worldwide.

**FACT:** 99% of technical failures are caused by loose connections.

**FACT:** Wired connections are still the fastest most secure connections for audio/video and office PC networks.

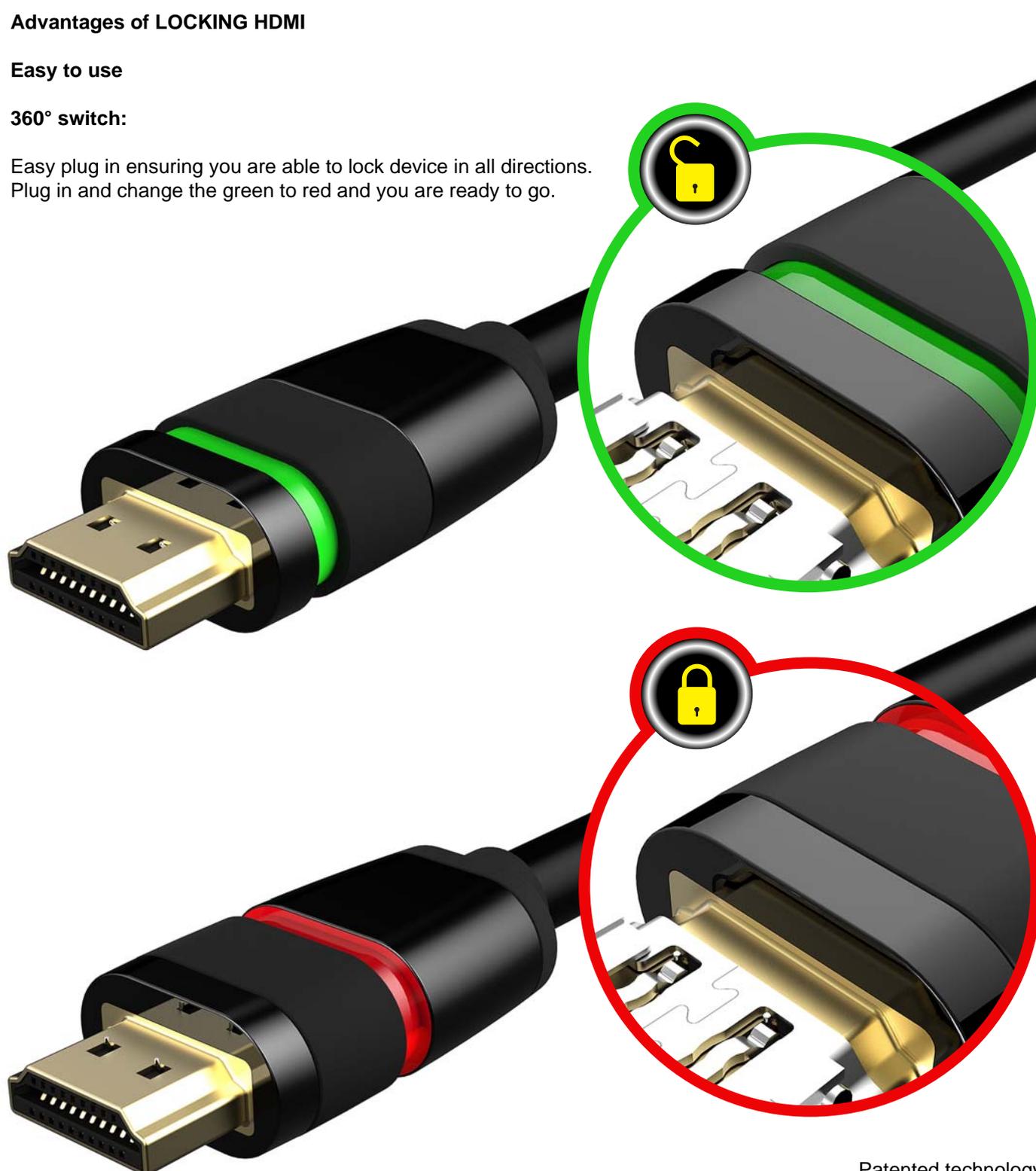
We recognise secure dependable connections are paramount for today's fast paced consumer so we have developed a one fix solution that will remove an arsenal of wired connection problems.

### Advantages of LOCKING HDMI

#### Easy to use

#### 360° switch:

Easy plug in ensuring you are able to lock device in all directions. Plug in and change the green to red and you are ready to go.



Patented technology

## Universal fit

Compatible with all HDMI receptacle configurations in a range of multi-media technology.

Backwards and forwards compatible:

- Works with both 1.4 (standard) and 2.0 (latest) 4k spec
- Certified and recognised worldwide as the best locking HDMI AVAILABLE on the market today.
- Hitachi, Matsushita, Panasonic, National, Quaser Phillips, Silicon image, Sony, Thomson RCA.
- HDMI founders (Hitachi, Matsushita, Panasonic, National, Quaser Phillips, Silicon image, Sony, Thomson RCA) allow licensed manufacturers to test their products against HDMI compliance. Our product has been successfully tested and certified.

## Resilient and strong

Patented wave soldering is used in through-hole printed circuit assemblies (leads and HDMI CABLES).

## Network analyser and TDR

A network analyser is a combination of hardware and programming that can be installed to enhance or test protection against malicious activity, thereby ensuring the reliability and safety of the product and the connection it is facilitating.

A time-domain reflectometer (TDR) is an electronic instrument that uses time-domain reflectometry to characterise and locate faults in metallic cables (for example, twisted pair wire or coaxial cable). It can also be used to locate discontinuities in a connector, printed circuit board, or any other electrical path. TDR can test cables up to 115 metres long.

## Tried and testing using the latest EYE PATTERN TECHNOLOGY

The eye pattern test uses an instrument (oscilloscope) to examine the integrity and strength/purity of the signal on individual pairs of wires in an HDMI CABLE. In theory, a digital signal should appear as a square wave as the voltage jumps from maximum to nothing, to represent digital ones and zeros. However, limitations of the cable and other components cause the verticals to become sloped, giving an eye-shaped pattern.

With increasing interference the eye-shaped pattern becomes messier to the point that the shape is lost completely. As long as there is empty space in the middle – as long as the “eye” is open – the signal will be successfully transmitted. However, if interference is so great that the eye closes, either vertically / horizontally, errors will occur. Our product has been tested and found to produce a lovely eye shape assuring the customer that the signal is transmitted beautifully and to the highest quality in line with 3D, HD and 4K standards.

## Perfect picture every time

1080p is a set of HDTV high-definition video modes characterised by 1080 horizontal lines of vertical resolution and progressive scan, as opposed to interlaced, as is the case with the 1080i display standard. The term usually assumes a widescreen aspect ratio of 16:9, implying a resolution of 1920x1080 (2.1 megapixel) often marketed as **Full HD**. Our product supports all **SD/HD/3D/4K** systems maintaining the highest quality resolution.

## 4K

When used in a home context, 4K means the TV's screen has a minimum resolution of 3,840 pixels wide and 2,160 pixels high, making it the equivalent to two 1080p screens in height and two in length. This resolution was originally known as “Quad HD” and is used by basically every 4K TV.



4K DIGITAL

