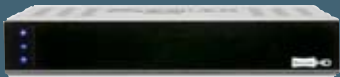


Links

To aid in the navigation of the newsletter all images are hot links to the appropriate page in our website or the relevant site in question.

T2-HD 115 Zapper

If you're located in the border area this Freeview box allows reception of both Irish and UK channels. Has full SAORVIEW specifications and T2 for BBC HD terrestrial reception. Click on the image for further details.

JOLLYLINE

GBS Elettronica have appointed ATCSupplies as sole agent in Ireland



for their Jollyline product range. Another European company endorsing ATCSupplies and our clients.

**this issue**DTT Multiplexes **P.1**KIT TV READY **P.2**Combimeter **P.3**Groundloop Interference **P.4**

The Broadcasting Authority of Ireland (BAI) has just put forward its recommendations to the government regarding the proposals received from potential broadcasters on the Saorview second digital platform.

http://www.bai.ie/wordpress/wp-content/uploads/20110815_BAIDTTEOI_FINAL.pdf

From reading it, it appears that not a lot of valuable content is available out there, which is not surprising, and also that most of the applicants do not appear prepared to pay the proposed charges of RTENL.

In fact, if you read the last paragraph closely, we may only get two additional TV channels, Irish parliament and Irish cinema, both of which will have to be funded by the taxpayer. Given the present state of our finances these may not even be viable.

One of the only industries in Ireland today showing signs of growth at present is the Agricultural sector. The success of the recent National Ploughing Championships in Athy, Co. Kildare was a testament to this.

Any industry even remotely connecting to the industry or interested in progressing was represented there.

Farmers in general are getting more technologically minded in all aspects of their business and as a result they are increasingly looking for a more efficient system to execute their tasks and be productive. [CCTV](#), [Computers & Networking](#) are areas they are currently investing in. Whether its a [DVR](#), [FARMCAM](#), [ROUTER](#), [WLAN Aerial](#) or [MICROWAVE TRANSMISSION KIT](#) make sure your stocks are up to date and don't be caught out when the call comes. CALL TODAY AND REPLENISH YOUR STOCK LEVELS.

ATCsupplies.ie

AV BRACKETS

With Christmas fast approaching it's a time when many consumers replace or renew their TV sets.

It is fashionable now with modern LCD/Plasma screens to have the TV wall mounted to save on floor space etc.

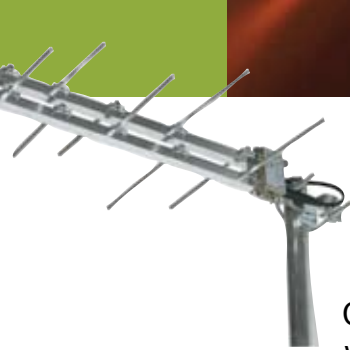


The best time to market a bracket to wall mount a screen is when you're selling the screen - strike while the iron's hot!

Our [AV BRACKET](#) section of the web site has a large array of brackets for every type of device from the smallest to the largest screens, speaker brackets, Projector brackets etc.



TV brackets are produced in various types to suit all requirements from, flat-to-wall, ceiling to articulated brackets allowing mounting in a corner.



NEW SLx Megaboost aerial kit

Compact wideband aerial with

built in signal booster and fixing kit - suitable for all UK TV reception areas
Features



Kit Contents: Log Periodic Aerial with Booster, Booster Power Supply, Full Wall/Loft Fixing Kit, 10m Digital Coaxial Cable, 10x Cable Clips, 2x F Connectors & 2m Coaxial Lead

- Built-in signal booster amplifies signal by 16dB
- Suitable for outdoor or loft installation
- Suitable for moderate and strong signal areas
- Receives all locally available digital and analogue terrestrial TV signals

NEW TV WALL BRACKET KIT

Wall Mount + Universal Remote Control + HDMI Cable + Cleaning Kit.



Slim Wall Mount for any TV panel LCD, LED and Plasma. Easy mounting thanks to the mounting kit included. Suitable for 23" to 46" and up to 35 Kg TVs. Only 2,7 cm between the wall and the TV. Color Black.

Universal Remote control for 4 different devices. Works with all brands. Controls TV, Vcr, Dvd, Satellites and DVBS. The 4 selector buttons light to indicate the device in use. Manual and automatic programming. Show code function. Low battery light. Programmed codes not lost when battery removed. 2 years guarantee.

HDMI Cable - 1,8 mt High Speed with Ethernet. Supports resolutions up to 1080p (Full HD) and higher. Bi-directional Ethernet network connection up to 100 Mbit/s. HDMI High-speed 21 Gbps. HD Audio, Lip Sync, CEC, HDCP, EDID, MBDC™

Monitor cleaning Kit

60 ml screen cleaner, Dust brush and Microfiber cloth 20x20 cm

Door Access

In these security conscience times more and more clients are having installers fit a secure door access system even to their private residence. The current range of access systems by Alcad is definitely worth a look for a quality system.



All-Ireland Fleadh

For the second year in a row, Cavan Town played host to the All-Ireland Fleadh Ceoil. The presence of the large crowds on the street made it difficult to have a physical wired system in place to relay camera images up and down the streets during filming etc. A TP-Link system was employed to relay images from IP cameras up and down the street for the local Cavan TV that was available via the internet. It has been recently announced that Cavan were fortunate to secure the music festival again for next year.

CombiMeter

GBS Elettronica have introduced a brilliant new piece of test equipment and have also managed to break the price barrier for a high quality signal strength meter.

The CombiMeter is a meter for testing the signal strength and picture of both Satellite AND Terrestrial signals. It reads not only signal strength and quality of satellite and dtt transmissions, but also will act as a full receiver and display all satellite channels on its 3.5" lcd screen. (This feature does not apply to DTT channels)

It also offers a wide range of menus with images of the data useful to regulation. It shows the azimuth and elevation, CBER/VBER, signal quality, signal power and signal intensity noise for DVB-S.



The DTT channel signal power and signal quality may be displayed on the LCD screen after you have configured your local DVB-T parameter. It can also display five channel signals is the same menu, which is very helpful when adjusting the aerial for different multiplexes. It can also supply power to a masthead amplifier, thereby avoiding the necessity to have the download connected while setting the aerial.

As an added bonus the CombiMeter has an AV input which can be used for checking CCTV cameras, etc,

It includes an 8.4V 3000mAh Lithium high capacity battery which runs for over 4 hours after a full recharge and is supplied with a mains and car charger.

And now for the best part : it is available only from ATC for **only €395.00 + VAT**

GROUNDLOOP INTERFERENCE

A problem which sometimes arises in CCTV systems is "**Ground Loop Interference**" As it is not all that common it is very easy to spend a lot of time checking other possible causes for the fault. Ground loop problems present themselves on the screen as a bar or band of interference travelling up the screen, (mains hum) usually about one eighth of the screen width and varying from light grey to black, depending on the degree of interference.

This is usually caused by parts of the system being fed from different electrical sources resulting in different earth potentials at each end. This situation often arises when cameras are fitted in sheds or warehouses where the electricity supply is on a different meter than that in the location where the monitor is fitted. Because of different earth potentials in the two locations an AC voltage of just a few millivolts can exist between the camera and monitor/dvr. This will appear on the screen as GLI.

In very bad cases ground loops will cause the ELCB's to trip although the interference will at a

lower potential level than that need to trip circuit breakers.

A similar problem can also arise in the case of external cameras mounted on walls or pillars which may themselves have a different earth potential than the local mains supply. As with most thing there is a solution to the problem . By fitting a

ground loop isolator , the Konig isolator <http://www.atcsupplies.com/ProductDetails.aspx?Mode=ViewDetails&ProductCode=H7TJ1W&pID=990> is a simple and cost effective answer to most difficulties and for more serious situations we recommend the Delta powered

isolator <http://www.atcsupplies.com/ProductDetails.aspx?Mode=ViewDetails&ProductCode=D9NR7G&pID=208>

When using Isolators it is best to fit them at the monitor/dvr end. Because of the low cost of isolators it is well worthwhile having one in your toolbox as fitting one before going to a lot of trouble checking psu's, cameras etc. can save a lot of time !!

