Murraypro

Which Wire?

SDI/PAL Auto Switching
Battery LCD Monitor

Genuine picture!

Safety is paramount, specially in the wet

So, you've found a mass of BNCs.....
525 SDI? 625 SDI?
525 Analog? 625 Analog?
AES? or no signal at all?
.....Confused ?
You won't be!

Does this sound all too familiar? How often have you found yourself in this situation on an OB, back of a bay, or in a cable duct? With the choice ranging from Analog to SDI and 525 or 625, doubt is inevitable as to which signal, if any, is <u>actually</u> present on a cable within a loom. *Which Wire?* will even indicate the presence of an AES signal.

The pocket sized solution to your dilemma is the ***Which Wire?*** Thoroughly researched, and amazingly compact, this high resolution LCD monitor resolves this perennial problem. ***Which Wire?*** is ruggedly constructed within a rustproof alloy case tough enough to absorb the every day knocks and bumps of the real world. User safety is always paramount, and the battery powered ***Which Wire?*** LCD monitor may be used with *total confidence* in environments as varied as an un-grounded bay, or in pouring rain at a remote location whist rigging an OB installation, as the case is sealed to IP65 and is completely waterproof in normal use.

Which Wire? has only a single BNC input socket, which automatically detects the format of the input video signal and will display SDI or CVBS signals correctly without intervention. A simple side mounted switch sets operation for either 525 or 625 standard, conserving the power that would otherwise be consumed by an automatic SDI TV Line Standard detector

Which Wire? provides front panel indication of the detected input signal format as either Composite Video (CVBS) or SDI. Indication is also provided of the SDI signal's nominal cable length on one of two LEDs for less than 100M or greater than 100M.

Which Wire? also indicates the presence of excessive jitter on the SDI signal. In SDI mode, increasing phase jitter amplitude directly modulates the brilliance of the CVBS lamp.

Which Wire? does not have a discrete power on/off switch, detecting instead the presence of a video signal, either SDI or CVBS, which automatically powers up the Monitor. Universally available AA cells, which can be changed in a moment using no tools, power the ***Which Wire?*** Primary cells, which offer by far the highest energy/volume efficiency, will provide many hours of continuous operation totally eliminating the off-line downtime required to recharge secondary cells. Murraypro thoroughly recommended the use of proprietary high energy alkaline cells, and these are fitted when shipped.

Which Wire? also provides a high quality demodulated composite video output of the SDI signal on a separate BNC. This is a fully buffered 75 ohm 8 bit output of the ***Which Wire?*** detector that may be used in it's own right for auxiliary monitoring applications

Which Wire? furnishes a lanyard clip point for elevated applications such as mast work, where it is mandatory to have all loose items securely tethered. A stainless steel split-ring provides the dedicated anchor point for belt, harness or lanyard fittings.

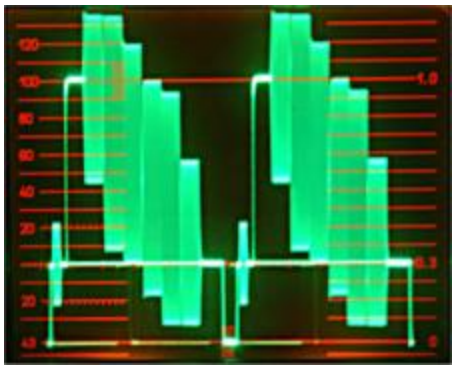
An External Power option is available, but must be specified when ordering.

In some circumstances, Users may desire to use the ***Which Wire?*** as an ultra-small monitor in a fixed position over a protracted time period, perhaps for monitoring purposes, and for which consequently battery powered operation alone might prove undesirable. ***Which Wire?*** may be specified fitted with an external dc power input jack together with an compact external mains power supply. Continuous operation over many days is thus facilitated. This external PSU is *NOT* water resistant to IP65, and is suitable for indoor use only. The provision of the external power input does not compromise the standard battery powered operation in any way, with solid state changeover between power sources.

Which Wire?

Left:
AES signal display

Right:
Encoder buffered output:
100.0.100.0 Colour Bars



Compact battery powered 3.5" TFT 234 x 600 pixel LCD display, in a slim, rugged, IP65 Alloy/Rubber case.
Colour display modes: SDI, NTSC, PAL; Mono display modes: SECAM, PAL M, Y, AES (presence) .
Auto-detection of the video signal presence switches power; 25+ years of battery life in standby.
270SDI & PAL inputs with 75 ohm termination. Full adaptive SDI cable equalisation to 350 M,
SDI cable length indication. Demodulated SDI output signal option for WFM/Extn monitor.
LCD screen is protected by shatter proof and scratch resistant anti-glare panel.
Stainless steel security ring fastening point for lanyard attachment.
Operational from -0° to +50°; Storage from -10° to + 80°
Physical: 167 x 85 x 35mm, only 500Grm
External low voltage input option.
Tool-free battery changing
SDI jitter indication
April 2003

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