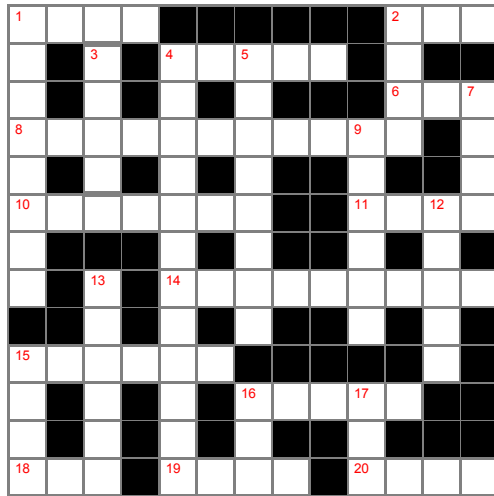


Audio_Visual_xbook3_014

B.B. Huria



Across

- 1 ____ time: The time required for a signal to go from 10% to 90% of its maximum amplitude level. (4)
- 2 The chroma information in a video signal. The basic components of the colour television system. (3)
- 4 Bit ____: Number of bits per pixel. A monitor with a bit depth of 1 can display only black and white; a monitor with a ____ of 16 can display 65,536 different colours; a monitor with a bit depth of 24 can display 16,777,216 colours. (5)
- 6 Asynchronous Transfer Mode. In videoconferencing, a system for transmission and switching of digital signals through the telephone system. (3)
- 8 An electro-acoustic transducer that converts electrical audio signals at its input to audible sound waves at its output. (11)
- 10 'I' in 'IMUX'. (7)
- 11 The command used to test connectivity between IP devices. (4)
- 14 Time in a composite video signal between trailing edge of sync pulse and trailing edge of the blanking pulse. (4,5)
- 15 Focal ____: Distance between the center of a lens and the point where the image comes into focus. (6)
- 16 'L' in 'LED'. (5)
- 18 The technique of representing the real world by a computer program. (3)
- 19 A measure of interference between the conductors of a cable. (4)
- 20 Static ____: A basic de-interlacing process used in scalers for video content that contains no movement. This type of processing results in a sharp image with crisp details but will cause images to tear when motion occurs. (4)

Down

- 1 ____ analyzer: A device that measures room acoustics in real time, typically using pink noise. (4-4)
- 2 ____ projection screen: A translucent screen with a special coating that allows an image to be projected through the screen from the rear, instead of from the front. (4)
- 3 ____ enhancement - Mixes the right amount of blue information with the green signal for displaying text in a more readable "aqua" colour. (4)
- 4 'D' in 'DA', a device that allows connection of one input source to multiple, isolated (buffered) output destinations such as monitors or projectors. (12)
- 5 Continuous ____ - A feature in some videoconferencing equipment that allows the participants to view multiple sites on the same video screen. (8)
- 7 A standards committee under the auspices of ISO working on algorithm standards that allow digital compression, storage and transmission of moving image information such as motion video, CD-quality audio, and control data at CD-ROM bandwidth. (4)
- 9 Electrically Erasable Programmable Read-Only Memory. (6)
- 12 The oldest rechargeable battery technology currently in use. (2-3)
- 13 'R' in 'RAM'. (6)
- 15 Return ____: A measure of reflected energy in decibels at a specific frequency and cable length. (4)
- 16 The amount of light per square meter, incident on a surface. (3)
- 17 An audible disturbance caused by the power supply, or an improper ground. (3)