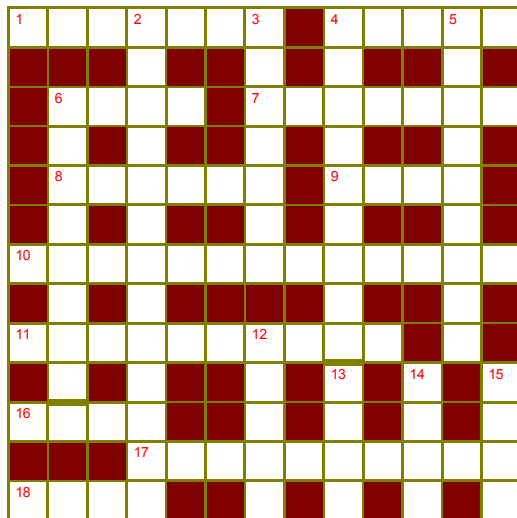


Audio_Visual_xbook3_017

B.B. Huria



Across

- 1 Q' in 'QXGA', a graphics standard with 2048 x 1536 pixels. (7)
- 4 ____ plug - A plug most often used with line level audio signals. Also known as an RCA plug. (5)
- 6 L' in PLUGE', a test pattern that assists in properly setting picture black level. (4)
- 7 ____ Equalizer: An active electronic device which allows the adjustment of narrow 'bands' of audio frequencies to correct for recording and listening room deficiencies. (7)
- 8 Fletcher-____ Effect: The phenomenon that human hearing is dependent on loudness, and that the ear is most sensitive in the range of 3 kHz to 4 kHz. Sensitivity

falls off rapidly at lower frequencies and somewhat more slowly at higher frequencies. (6)

- 9 A visual transition between images during which the edge of one image moves across the screen revealing the next image. (4)
- 10 I' in 'IEC', the body that has responsibility for developing international A/V standards. (13)
- 11 The ability of a device or line to transmit data simultaneously in both directions. (4,6)
- 16 Active ____ Termination Adapter. A VGA-style (15-pin HD connector) adapter that provides active circuits that shape up the horizontal and vertical sync signals. (4)

- 17 First 'E' in 'IEEE'. (10)

- 18 ____ Reject filter: A filter that is used to block a narrow band of frequencies, while allowing frequencies above or below this band to pass. (4)

Down

- 2 Also called progressive scan. A method by which all the video scan lines are presented on the screen in one pass instead of two. (3-10)
- 3 M' in 'CMYK' stands for _____. (7)
- 4 The whitest portion of a picture signal. (4,5)
- 5 An audio processing device that reduces background noise by muting a sound signal when it falls below a pre-determined level, and restores it when the level increases

again. (5,4)

- 6 ____ Flux: The total amount of light coming from a light source, measured in lumens. (8)
- 12 Back ____: Time in a composite video signal between trailing edge of sync pulse and trailing edge of the blanking pulse. (5)
- 13 Create by duplicating data on CD/DVD. (4)
- 14 ____ Porch: Time in a composite video signal between trailing edge of sync pulse and trailing edge of the blanking pulse. (4)
- 15 The electrical potential difference or electromotive force that will cause current of 1 ampere to flow through the resistance of 1 ohm. (4)