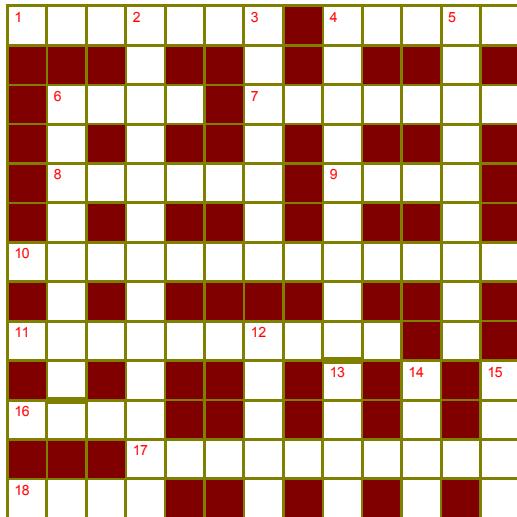


Audio_Visual_xbook3_017

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)