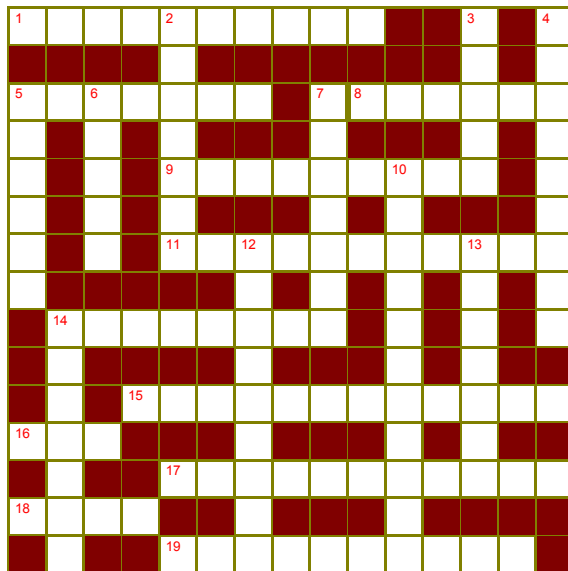


# Audio\_Visual\_xbook3\_037

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## Across

- 1 The amount or intensity of video light produced on a screen without regard to colour. A.k.a. "black level." (10)
- 5 'D' in 'ISDN', an international communications standard for sending voice, video, and data digitally over telephone lines. (7)
- 8 Repair or restore. (6)
- 9 An acoustic device built into a loudspeaker enclosure that improves the efficiency of the speaker by confining the movement of a sound wave to travel over a desired path. (9)
- 11 In video, it is the staying power of a lighted phosphor, since a phosphor begins to dim after being excited by the electron beam. (11)
- 14 \_\_\_\_ filter: A filter that allows a specific range of frequencies only to pass. (8)
- 15 Cable \_\_\_\_: The method

of altering the frequency response of a video amplifier to compensate for high frequency loss in cables that it feeds. (12)

- 16 A compact disc on which you can write only once and thereafter is read-only memory (2-1)
- 17 A circuit that effectively separates the NTSC black and white information from the colour 3.58 MHz carrier signal. The name is based on the fact that the circuit takes a notch out of the frequency band. (5,6)
- 18 A private, non-profit organization that administers and coordinates the voluntary standardization and conformity assessment system in the US. (4)
- 19 In video, the gain of an amplifier as it pertains to the intensity of colours in the active picture. (6,4)

## Down

- 2 The ability to change electronic components, such as circuit boards or peripheral devices, without removing power from the device. (3-4)
- 3 The relative timing of one signal to another, usually expressed in degrees of shift. (5)
- 4 'HT' in 'HTML'. (9)
- 5 Full \_\_\_\_: The ability of a device or line to transmit data simultaneously in both directions. (6)
- 6 'G' in 'MPEG'. (5)
- 7 A video problem in which stairstep-like lines appear where there should be straight-angled lines or smooth curves. (7)
- 10 The process of scanning the picture onto a video screen whereby the lines of one scanned field fall evenly between the lines of the preceding field. (11)
- 12 A device that allows video and audio signals from a video tape recorder or computer to be shown on a standard TV receiver. (2,7)
- 13 \_\_\_\_ frequency: The highest frequency that can be reproduced accurately when a signal is digitally encoded at a given sample rate. (7)
- 14 A video problem of dark bars appearing across the displayed image in areas where there is movement. (7)