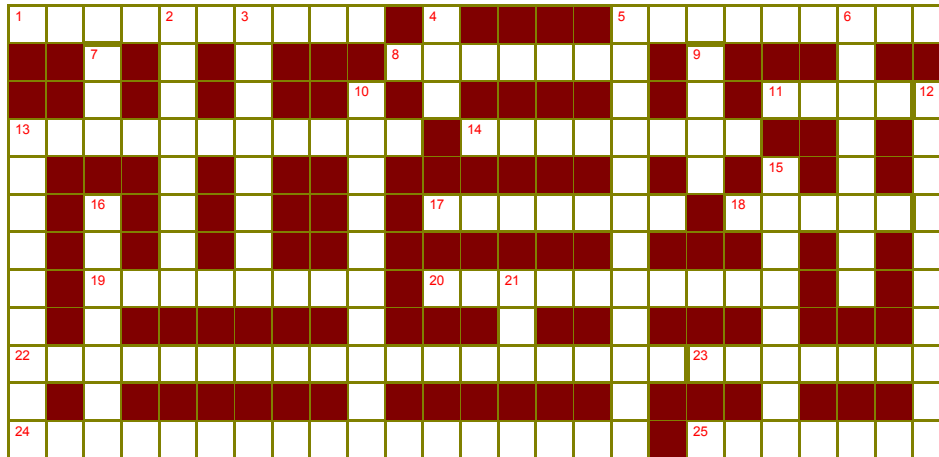


Audio_Visual_xbook3_044_25x12

B.B. Huria



Across

- 1 An input/output connection on the computer that allows it to communicate with other devices in a serial fashion — data bits flowing on a single pair of wires. (6,4)
- 5 Audio ____: Human hearing range, about 20 Hz to 20 kHz. (9)
- 8 D' in 'DAT' stands for _____. (7)
- 11 A sequence of 8 bits (enough to represent one character of alphanumeric data) processed as a single unit of information. (4)
- 13 Echo ____ - Used in telephone networks to reduce the impact of echo and thereby improve voice quality. (11)
- 14 ____ analyzer: An device used to measure and analyze the frequency spectrum of an input signal, usually amplitude (vertical) vs. frequency (horizontal). (8)
- 17 Line ____: An IDTV feature that doubles the number of scan lines in a video picture. This fills the space between the original lines, making them less noticeable and increases the brightness of the picture. (7)
- 18 'S' in 'MTS', one of the first stereo sound systems developed for television. (5)
- 19 The ability of audio equipment to reproduce fast changes in amplitude. (4,4)
- 20 When more than two locations are connected for a videoconference using a bridge. (10)
- 22 An electronic method of transmitting information from one location to another over a telephone network. (18)
- 23 Someone who is being trained. (7)
- 24 A pair of electrical contacts that carry no live voltage. (3,7,7)
- 25 Crossover ____ - An electrical circuit that combines high pass, low pass, and bandpass filters to divide the audio frequency spectrum, 20 to 20,000 Hz, into ranges suitable for low frequencies (woofer), mid-range, and high frequencies (tweeters). (7)
- 9 Luminous ____: The total amount of light coming from a light source, measured in lumens. (4)
- 10 A unit that is designed to measure perceived loudness changes in audio. 100 VU is 100 percent of the audio that is supposed to be present. (6,4)
- 12 The difference in amplitude (voltage, for example) between the most positive and the most negative excursions (peaks) of a signal. (4,2,4)
- 13 Non-____: A system of video recording that uses one head to scan one field of video onto the tape. (9)
- 15 The ratio between the maximum and the minimum brightness values. (8)
- 16 'D' in 'ADC' stands for _____. (7)
- 21 Provided with artificial light. (3)

Down

- 2 The opening, usually an adjustable iris, that controls the amount of light passing through a lens. (8)
- 3 The chemical coating on the inside of the CRT screen that emits light when struck by an electron beam. (8)
- 4 ____ Connector: A round connector with notches, or keys, for alignment. (3)
- 5 A theoretical ideal for audio components' frequency response that does not deviate from a flat line over the audible frequency spectrum. (4,8)
- 6 'N' in 'NAB', the body that sets standards for US broadcast stations. (8)
- 7 Abbreviation for the international base unit of electrical current that represents the rate flow of electric charges through a conductor. (3)