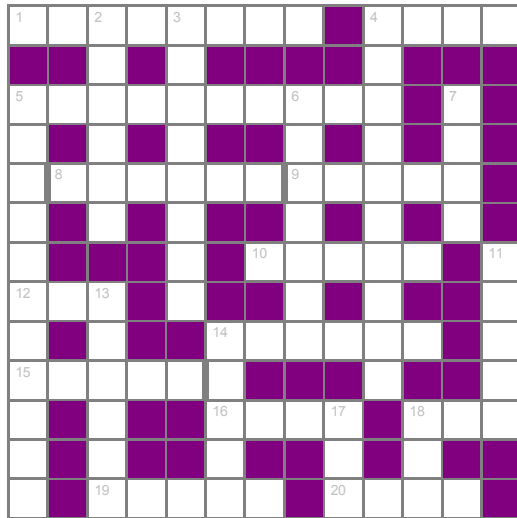


# Audio\_Visual\_xbook3\_015

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## Across

- 1 I' in 'ICWK'. (8)
- 4 A unit that combines multiple low bandwidth digital phone lines into a single high bandwidth call. Inverse multiplexer. (4)
- 5 R' in 'RJ'. (10)
- 8 \_\_\_\_ loop - A continuous loop of film or tape for repetitive playing, often enclosed in a cartridge. (6)
- 9 A term to describe compression techniques that throw away data as part of the process. The more data loss, the smaller the file, and the lower the quality (grainy or jagged edged) of the image. (5)
- 10 In video, this is usually an undesirable pattern caused by an unwanted signal interfering with the desired signal. This may appear as a wavy motion. (5)
- 12 The body that sets standards for US broadcast stations. (3)
- 14 A unity gain amplifier; it is used to isolate the signal source from the load. (6)
- 15 With four parts. (5)
- 16 Visual noise in a video picture giving the appearance of white flecks of snow. (4)
- 18 The composite effect created by cutting a hole in one image and inserting another image into the hole. (3)
- 19 \_\_\_\_ plug: A small, round audio plug used as a speaker connector. (5)
- 20 A unit of electrical power used to indicate the rate of energy produced or consumed by an electrical device. (4)

## Down

- 2 To switch between alternate states. For example, between on and off, or caps and lower case. (6)
- 3 R' in 'RC network', an electrical network that is constructed using a \_\_\_\_ and capacitor in parallel, and acts as an effective high-pass filter. (8)
- 4 I' in 'EIA', the association that determines recommended audio and video standards in the US. (10)
- 5 R' in 'OCR', i.e. hardware and/or software that reads characters as images and converts them into text to be used in a computer. (11)
- 6 \_\_\_\_ frequency: A filter which has a reduced output as the frequency is increased. (7)
- 7 Cyan, Magenta, Yellow, and Black. Subtractive colours. (4)
- 11 Chroma \_\_\_\_: A video problem in which the colour of an object or area is shifted slightly to the right of the luma (intensity). (5)
- 13 A method of graphic display using rows and columns of dots, or pixels. Each pixel location corresponds to a specific location in memory. (3,3)
- 14 A special version of ISDN that uses fiber optics and can transfer at 1.5 megabits per second. (1-4)
- 17 A low pitch audio artifact caused by speed fluctuation in the playback device. (3)
- 18 K' in 'ICWK'. (3)