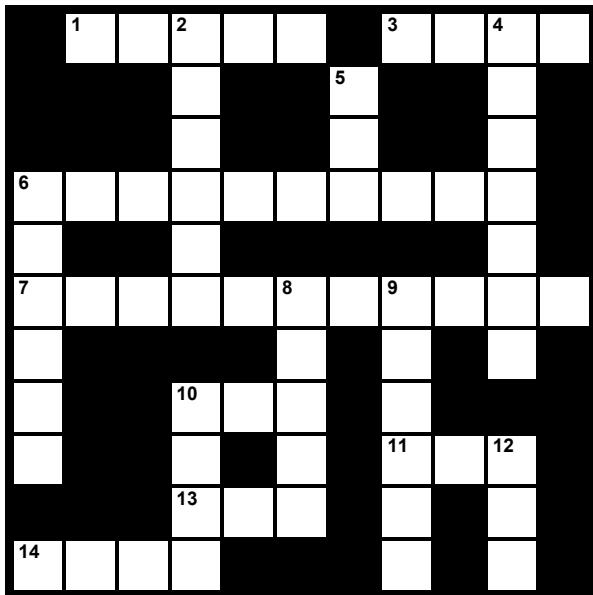


2003-12-14_Audio_Video_11x11
B.B. Huria



Across

- 1 Last name of a US electrical engineer who devised the XXXXX system used to reduce background noise in tape recording. (5)
- 3 A unit of power equal to 1 joule per second; the power dissipated by a current of 1 ampere flowing across a resistance of 1 ohm. (4)
- 6 A multi-electrode valve which controls the flow of electrons in a vacuum from electrode to electrode. (6,4)
- 7 Electro-acoustic transducer that converts electrical

signals into sounds loud enough to be heard at a distance. (11)

- 10 Name for the set of minimum technical standards for movie soundtracks derived from Tomlinson Holman's eXperiment. (3)

11 A digital display that uses liquid crystal cells that change reflectivity in an applied electric field. (3)

- 13 European television standard developed in Germany which broadcasts 625 lines per frame, at a rate of 25 frames per second. (3)

14 A conductor for

transmitting electrical or optical signals or electric power. (4)

Down

- 2 LCD stands for XXXXXX crystal display. (6)

4 A loudspeaker that reproduces higher audio frequency sounds. (7)

5 A vacuum tube in which a hot cathode emits a beam of electrons that pass through a high voltage anode and are focused or deflected before hitting a phosphorescent screen. (3)

- 6 The magnitude of sound. (6)

8 The smallest discrete component of an image or picture on a CRT screen (usually a coloured dot). (5)

- 9 That's what 'A' stands for in D-A converter. (6)

10 DAT stands for digital audio XXXX. (4)

12 Digital audio format stored in binary form on a small cassette. (3)