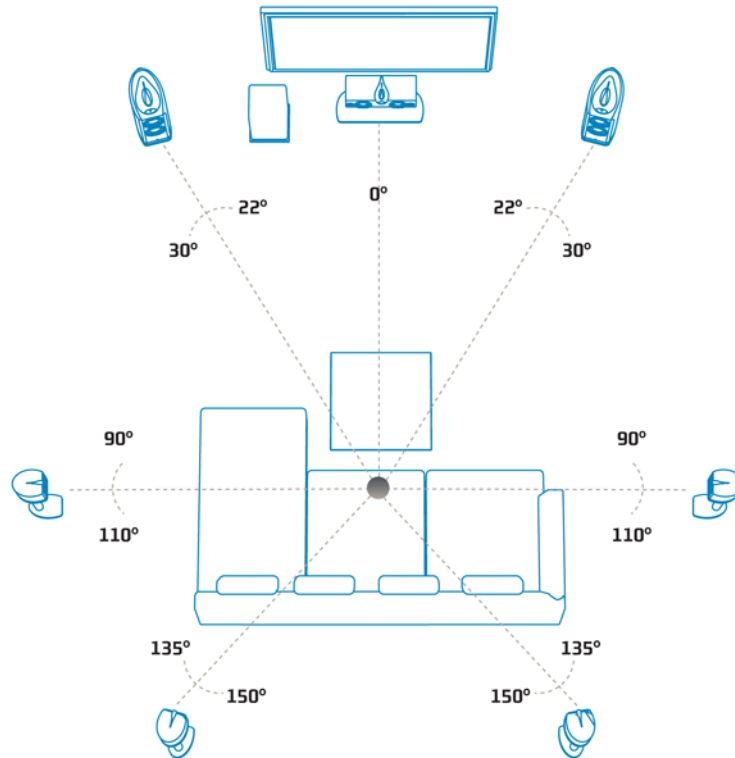
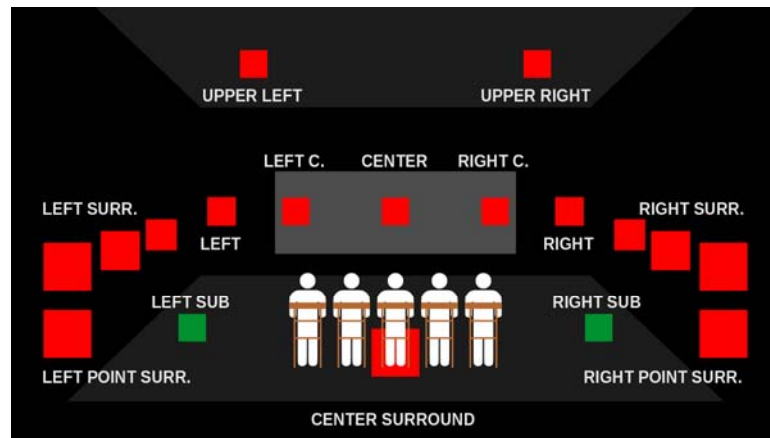


More recently, 6.1 and 7.1 surround-sound systems have been developed, the latter of which uses 7 separate loudspeakers – front left/right, center, left/right surrounds, left/right rear speakers and a subwoofer, as shown in the figure below:



A 10.2 channel surround system (“twice as good as 5.1”) has also been developed (primarily for use in commercial theaters), which has 14 channels total, as shown in the figure below:



A 22.2 channel surround system has also been developed, for ultra-high definition television, which uses 24 speakers, arranged in 3 layers – a middle layer of 10 speakers, and upper layer of 9 speakers, a lower layer of 3 speakers and 2 subwoofers.