

## ECLA EUROPEAN CLASSIFICATION

- H04S**      **STEREOPHONIC SYSTEMS** (information storage on discs or tapes G11B; broadcast systems for the distribution of stereophonic information [H04H20/88](#); multiplex systems in general H04J)
- Note**  
In this subclass, the following term is used with the meaning indicated:  
- "stereophonic systems" covers quadrasonic or similar systems
- H04S1/00**      **Two-channel systems** ([H04S5/00](#), [H04S7/00](#) take precedence)
- H04S1/00A      . [N: Non-adaptive circuits, e.g. manually adjustable or static, for enhancing the sound image or the spatial distribution (control circuits for electronic adaptation of the sound field [H04S7/30](#))] [N9410] [M1202]
- H04S1/00A2      . . [N: For headphones] [N0403]
- H04S1/00D      . [N: in which the audio signals are in digital form (data reduction aspects thereof based on psychoacoustics [G10L19/02](#))] [N9410] [C0405]
- H04S3/00**      **Systems employing more than two channels, e.g. quadrasonic** ([H04S5/00](#), [H04S7/00](#) take precedence)
- H04S3/00A      . [N: Non-adaptive circuits, e.g. manually adjustable or static, for enhancing the sound image or the spatial distribution (control circuits for electronic adaptation of the sound field [H04S7/30](#))] [N0403] [M1202]
- H04S3/00A2      . . [N: For headphones] [N0403]
- H04S3/00B      . [N: in which a plurality of audio signals are transformed in a combination of audio signals and modulated signals, e.g. CD-4 systems (for broadcasting [H04H20/88](#), [H04B1/16E](#))]
- H04S3/00D      . [N: in which the audio signals are in digital form, i.e. employing more than two discrete digital channels, e.g. Dolby Digital, Digital Theatre Systems (DTS) (data reduction aspects thereof based on psychoacoustics [G10L19/02](#))] [N0403] [C0405]
- H04S3/02      . of the matrix type, i.e. in which input signals are combined algebraically, e.g. after having been phase shifted with respect to each other
- H04S5/00**      **Pseudo-stereo systems, e.g. in which additional channel signals are derived from monophonic signals by means of phase shifting, time delay or reverberation** (arrangements for producing a reverberation or echo sound [G10K15/08](#))
- H04S5/00F      . [N: of the pseudo five- or more-channel type, e.g. virtual surround] [N0403] [C0910]
- H04S5/02      . of the pseudo four-channel type, e.g. in which rear channel signals are derived from two-channel stereo signals
- H04S7/00**      **Indicating arrangements; Control arrangements, e.g. balance control**

[N: **WARNING** [N1202]

Groups [H04S7/30](#) to [H04S7/40](#) do not correspond to former or current IPC groups.  
]

- H04S7/30 . [N: Control circuits for electronic adaptation of the sound field (non-adaptive circuits, i.e. manually adjustable or static, for enhancing the sound image or the spatial distribution [H04S1/00A](#), [H04S3/00A](#))] [N1202]
- H04S7/30A . . [N: Automatic calibration of stereophonic sound system, e.g. with test microphone] [N1202] [M1205]
- H04S7/30C . . [N: Electronic adaptation of stereophonic sound system to listener position or orientation ([H04S7/30A](#) takes precedence)] [N1202] [M1205]
- H04S7/30C1 . . . [N: Tracking of listener position or orientation] [N1202]
- H04S7/30C1H . . . . [N: For headphones] [N1202]
- H04S7/30G . . [N: Electronic adaptation of stereophonic audio signals to reverberation of the listening space ([H04S7/30A](#) takes precedence; arrangements for producing a reverberation or echo sound [G10K15/08](#); for public address systems [H04R27/00](#), [H04R29/00](#))] [N1202] [M1205]
- H04S7/30G1 . . . [N: For headphones] [N1202]
- H04S7/30H . . [N: Frequency adjustment, e.g. tone control ([H04S7/30A](#) takes precedence; circuits for correcting the frequency response of transducers [H04R3/04](#); tone control circuits in amplifiers per se [H03G5](#))] [N1202]
- H04S7/30J . . [N: Electronic adaptation dependent on speaker or headphone connection] [N1202] [M1205]
- H04S7/40 . [N: Visual indication of stereophonic sound image (visual indication of individual signal levels [H04R29/00V](#))] [N1202] [M1205]