

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 quadraphonic 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. quadraphonic ([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.
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- 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]