Dolby Atmos 7.1.4 Immersive Mixing Technical Specifications

Acoustic Standards, Spatial Positioning Coordinates, and Delivery Formatting

DOLBY ATMOS 7.1.4 MIXING SPECIFICATIONS

Speaker Configuration & Calibration

? Bed Channels: 7.1 (Left, Center, Right, Subwoofer, Left/Right Side Surround, Left/Right Rear Surround).

? Overhead Heights: 4 channels (Top Front Left, Top Front Right, Top Rear Left, Top Rear Right).

? Monitoring: 11 Genelec 8351B coaxial active monitors calibrated to 79 dBC reference listening level.

Spatial Object Guidelines

? Anchor lead vocal, bass, and kick drum within the front soundstage and center phantom channel.

? Utilize 3D height objects for ambient room reflections, background vocal stacks, and cinematic pads.

? Regularly audit the mix in Binaural Headphone Mode to verify zero comb filtering on consumer earbuds.