

instruments recorded on the right input channel stay on the right side of the output channels and the instruments recorded on the left stay on the left side, and the apparent loudness of all the instruments in all the output channels stays the same regardless of the direction of the directionally encoded component of the input signals, and encoding means to encode five input channels so they will encode with correct direction and level in decoders according to the invention, and in decoders according to the current film standard.