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(57) Abstract :
ABSTRACT The present disclosure introduces a neuroresonance relaxation system 100 which promotes mental wellness by harnessing advanced neurotechnology to induce relaxation and reduce stress. Comprising Electroencephalogram (EEG) sensors 102, signal processing software 104, neurofeedback equipment 106, binaural beats or isochronic tones generators 108, light and visual stimulation devices 110, biofeedback devices 112, headband 114, power source 116 and user interface 118, this device offers a comprehensive system for promoting mental well-being. EEG Sensors detect brainwave activity, while signal processing software analyzes and interprets data in real-time.

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