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Jog dial

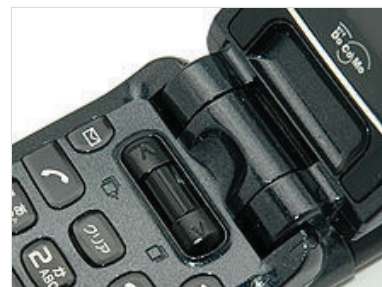
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A **jog dial**, **jog wheel**, **shuttle dial**, or **shuttle wheel** is a type of knob, ring, wheel, or dial which allows the user to shuttle or jog through [audio](#) or [video](#) media. It is commonly found on models of [CD players](#) which are made for [disc jockeys](#), and on professional video equipment such as [video tape recorders](#). More recently, they are found on [handheld PDAs](#), and as the [scroll wheel](#) on [computer mice](#). "Jog" refers to going at a very slow speed, whereas "shuttle" refers to a very fast speed.

There are two basic types of wheels. One type has no stops and can be spun the entire way around, because it is a relative [rotary encoder](#). This type depends on tracking the actual motion of the dial: the faster it spins forward or back, the faster it fast-forwards or [rewinds](#). Once the dial stops moving, the media continues playing or remains paused at that point. Another type has stops on either side, and often has three or so speeds which depend on how far it is turned. Once the wheel is released, it [springs](#) back to the middle position and the media pauses or begins playing again.

If the device is set or designed to pause after the wheel is used, the audio is often [stuttered](#), repeating a small section over and over again. This is usually done on DJ CD players, for the purpose of [beatmatching](#), and is equivalent to an earlier [turntablist](#) DJ moving a [phonograph](#) record back and forth slightly to find the physical location of a starting [beat](#) within the groove. On video, the pause is a [freeze frame](#) of the current [video frame](#).

[Sony Corporation](#) is known to hold a patent for 5-way version of jog dial, a device allowing up and down scrolling, right and left deflections and a pressure. Such jog dial was a feature of Sony [CLiÉ PDA](#) series and [SonyEricsson P800](#), [P900](#) and [P910](#) smartphones. 5-way jog dial is not used by Sony or its subsidiaries since 2006.



Jog Dial by [Sony Ericsson](#)

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