

Bluetooth 3.0 Launches April 21

April 10 2009, by John Messina



(PhysOrg.com) -- The short-range wireless standard Bluetooth 3.0 will officially launch on April 21. The Bluetooth 3.0 standard is expected to deliver faster short-range wireless speeds up to 480 Mb per second.

Bluetooth 3.0 will feature considerably increased speeds, allowing for the transfer of large video files, music collections and photo libraries wirelessly within seconds. With the addition of EPC (Enhanced Power Control) we can see improvements to reduce the number of [device](#) disconnects when syncing.

With the new 3.0 standards, the addition of Generic Alternate MAC/PHY (AMP) technology will allow [Bluetooth](#) 3.0 devices to transfer data at speeds compatible with Wi-Fi. The 802.11 Protocol Adaption Layer (PAL) will enable the Generic AMP feature to be used with an 802.11 radio.

With the 3.0 standard, Bluetooth is used to create the pairing between two devices and data transfer is handled by Wi-Fi. To take advantage of

the higher transfer speeds, both devices need Bluetooth and Wi-Fi. If [Wi-Fi](#) is not present on one of the devices, data [transfer](#) falls back to Bluetooth.

At the moment there are no details about Bluetooth 3.0-ready devices, however more details will be available, including a list of chip makers that are lined up to support the new spec, on April 21.

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