

WIRELESS SUPPORT FOR PORTABLE MEDIA PLAYER DEVICES

Abstract

A portable media player device is capable of operating in a wireless network.
5 The wireless portable media player device can bootstrap and synchronize with an ad
hoc network with low power consumption. Neighbor portable media player devices
in an ad hoc network can be discovered by the wireless portable media player device.
The portable media player device can establish and terminate connections to neighbor
portable media player devices. The portable media player device can transfer data in
10 a high speed data transfer mode or a power save data transfer mode, while
concurrently permitting discovery by other devices. The portable media player device
operates in a power save mode during an inactive portion of a periodic discovery
interval.

15 **FIG. 1**