

ABSTRACT

A VERSATILE WIRELESS TELEPHONY SYSTEM USING A PC

5 The present wireless telephony system includes a personal
computer (PC) having a radio frequency (RF) and infrared (IR) receiver
unit, a display monitor, a set of speakers, a wireless microphone, and an IR
remote controller with an RF transmitter. The IR remote controller includes
an RF transmitter and an IR transmitter, which are coupled to each other
10 and to an audio circuit. The audio circuit is coupled to a micro-controller. A
keypad is provided to input commands to the micro-controller. The RF
and IR receiver unit includes an RF receiver which is coupled to an IR
receiver. Both the RF receiver and IR receiver are coupled to a micro-
controller. The RF receiver is further coupled to a sound system which is
15 coupled to a modem.

FIG. 2