

WIRELESS RECEIVING APPARATUS

ABSTRACT

5 A wireless receiving apparatus including an output
device, a signal processing unit and a connecting unit. The
output device is equipped with at least one electro-acoustic
transducing unit and an infra-red receiving unit for
receiving a signal transmitted from a transmission apparatus
for converting to infra-red and transmitting an output
10 signal from audio equipment etc. The output device is
mounted on the head or the ear so that the electro-acoustic
transducing unit(s) come in contact with the ears. The
signal processing unit is equipped with a demodulating unit
for demodulating the output signal supplied from the
15 infra-red receiving unit, an amplifier unit for amplifying
the demodulated signal from the demodulating unit and a
power supply unit for providing the operating voltage to the
de-modulating unit and the amplifier unit. The connecting
unit is for supplying the signal outputted from the
20 receiving unit to the demodulating unit and supplying the
signal outputted from the amplifying unit to the
electro-acoustic transducing unit.

