



August 12th, 2010

Subject: Original certification of the AmuletDevices Voice Remote Control (Model RXT9000)

References: FCC YOURXT9000-18XXE

To whom it may concern:

AmuletDevices submits documentation (under separate cover) in support of FCC certification of the AmuletDevices Voice Remote Control product. This device has been tested and is classified as a portable device per FCC Part 2.1093.

The AmuletDevices Voice Remote Control is optimized for the transmission of wireless CD-quality streaming digital audio information to a companion AVR-B7201UNPA USB dongle. (previously certified as FCC ID: V3CAVRB7201A) over distances of up to 30 meters. The Voice Remote Control is based on an Avnera AVMD7202ACPA RF module, along with an Atmel Atmega644P microcontroller. The transmit output power of the RF module is fixed at the factory and the end user will not be able to vary the output power. As part of the multipath mitigation strategy, the Avnera RF module uses a pair of identical chip antennas oriented at 90 degrees to one another, only one antenna is used at any given time, and that antenna serves both transmit and receive functions.

The transmission protocol is proprietary; in addition to the forward channel for streaming audio, the protocol supports bi-directional data transfer for link management. The application for the streaming audio channel is to transport voice to a server (PC) where voice recognition software will process the voice stream and turn it into command and control elements. The unit uses a Mini-USB connector to allow connection to a USB port for charging of the internal battery. The mini-USB connector utilises just the +5v and GND connections, (data wires are not connected). The AmuletDevices Voice Remote contains a 2.4-2.5GHz ISM-band transceiver and is therefore classified as an intentional emitter under FCC Part 15.247:2010 regulations.

Respectfully submitted,

A handwritten signature in black ink that reads "Steve Collins".

Steve J. Collins
Director of Engineering
Suite 11, El-Greco Building
St James Court
Serpentine Avenue
Dublin 4, Ireland
Phone: +353 1 67 22 400

