Theory of Operation

The communication between the ReWalk P Communicator and the ReWalk INF is done via a RF 2.4 GHz link using a proprietary protocol. The protocol is a master-slave protocol, with the ReWalk P Communicator acting as the master and the ReWalk P INF as the slave.

After performing built in tests the ReWalk P Communicator sends a Current Mode Request message to the MPB and expects to receive the system current mode. After receiving an answer it illuminates the received mode and starts sending periodic messages every 35 Milliseconds. This message includes the ReWalk P Communicator illuminated mode. If the user selects a new mode, the ReWalk P Communicator will start transmitting the selection but will keep illuminate the mode received from the ReWalk P INF.