RAV232plus Rako Bi-Directional RS232 to Rakom RF Interface – Installation Instructions.

General

The Rako bi-directional RS232 to Rakom RF interface is designed to be connected to the serial output from audio visual controllers.

Modules are fitted with two external aerials. For best transmission/reception these should be mounted at 180⁻ to each other.



<u>Fig 1.</u>

Front View of Components

Installation

Before commencing installation of the Rako bi-directional RS232 interface module first read this instruction manual carefully. Rako Controls Ltd accepts no responsibility for any damage or injury caused by incorrect installation of a Rako product.

The Rako bi-directional RS232 to Rakom radio interface is designed to be used as part of an audio visual system. For the set-up and programming of the Rako system from a PC, a standard RAV232 interface should be used.

Using the RAV232plus with an Audio Visual System

The bi-directional RAV232 can be used as a wireless interface from the RS232 output of an audio visual controller to the Rako lighting control system. An external power supply unit (Rako ref: RAPSU or equivalent 12vdc unregulated power supply) should be used.

It is recommended that the external aerials be fitted, see Fig 3. Many functions within the Rako system can be selected from the AV controller using the configuration and ASCII codes as detailed in appendix A of the RS232 command summary document (for further information please contact Rako controls on tel: 0870 043 3905 or visit our website: www.rakocontrols.com) Note:

When the RAV232plus is powered up the blue LED remains on and goes off when a message is being sent. If this does not occur, check the external power supply. A Rako ref: RAPSU or equivalent. (please contact Rako for further details. Tel 0870 043 3905)



Fig 3. Connection Detail