

RC-BT1 Bluetooth® Controller



The Kramer **RC-BT1** Bluetooth® controller consists of a pair of units, a transmitter and a receiver. The **RC-BT1** uses Bluetooth® technology to transfer RS-232 commands, by wireless transmission, from a PC or other controller, to a Kramer RS-232 controlled device (switcher, matrix switcher etc.). There are two optional operation ranges for the **RC-BT1**: 10 meters and 100 meters. Several controlled devices may be operated simultaneously, even through a wall from one room to the other, eliminating completely the need and the operation distance limitations of wired RS-232. The device will be available also as a USB device in the near future. The transmitter and receiver sets are identical "dongle" type devices, and may be easily multiplied in a big studio for multi control. Features: Fully compliant and qualified for Bluetooth Specifications 1.1 Bluetooth Baseband core. Integrated ARC3 RISC processor up to 100 MIPS. 128kB integrated SRAM for protocol stack and application support. Programmable RF interface, compliant with BlueRF Power management for RF and internal block. Physical Characteristics: 2.5V core, 3.3V I/O (0.25u CMOS) Dongle type device with external power supply.



TECHNICAL SPECIFICATIONS

COMPLIANCE:	Fully compliant and qualified for Bluetooth Specifications 1.1.
BASEBAND CORE:	Bluetooth Baseband core.
PROCESSOR:	Integrated ARC3 RISC processor up to 100 MIPS. 128kB integrated SRAM for protocol stack and application.
INTERFACE:	Programmable RF interface, compliant with BlueRF Power management for RF and internal block.
CONTROL:	Dongle type device with external power supply.
POWER:	2.5V core, 3.3V I/O (0.25u CMOS).
ACCESSORIES:	2 Power adapters (SVDC input), Null-modem adapter.

TYPICAL APPLICATIONS

- Video audio wireless studio control.
- Presentation applications for remote control of RS-232 devices.