

HamLinkBT-RC™

Timewave

Wireless Rig Controller With Audio & PTT

Connect your transceiver & PC via **Bluetooth®**!
Operate voice & data with your favorite
rig control program.



Timewave's new HamLinkBT-RC™ Wireless Rig Controller is a **Bluetooth®** device for remote operation of RS-232, CAT and CI-V enabled transceivers. The HLBT-RC features rx/tx audio, rig control, and PTT connectivity.

CAT, CI-V & RS-232 Rig Control

The HLBT-RC™ Wireless Rig Controller connects directly to transceivers with RS-232, CAT & CI-V inputs. Supported radios include Kenwood, Icom, Yaesu, Ten-Tec, Elecraft, Alinco and other models.

PTT Control

In addition to the standard rig control interface, the HLBT-RC™ Wireless Rig Controller has a PTT output that operates from your rig control program. Optionally, the HamLinkUSB plugs into your operating PC and routes a footswitch or other PTT line via the **Bluetooth®** link to your HLBT-RC™ PTT output.

Audio

The HamLinkBT-RC™ Wireless Rig Controller establishes an **Bluetooth®** audio link between your remote operating PC and your radio. You may use a computer headset/microphone, a sound card program or an external TNC to operate over this link.

Software Control Programs

The HLBT-RC™ Wireless Rig Controller is compatible with most soundcard and software rig control programs. The included RadioSwitch™ program features easy setup plus selection of any one of multiple radios connected to your PC with HLBT-RCs.

Connectors & Cables

Timewave supplies a variety of cable choices for the HamLinkBT-RC™ Wireless Rig Control, ranging from standard pre-molded cables for the most common radios to custom cables for special requirements.

Features

- **Wireless Bluetooth®** adapter for TTL/CMOS/RS-232 CAT/CI-V & other rigs
- **Class 1 Bluetooth®** for greater range
- **eSCO audio link** for better quality, lower noise
- **Fast PTT response**
- **Foot Switch input option w/HamLinkUSB**
- **Unique serial numbers allow multiple HamLinkBT-RC™s on the same PC**
- **Cables available for Yaesu, Kenwood, Icom, Ten-Tec, Elecraft, Alinco & more**
- **Includes CD with Timewave RadioSwitch™ program and rig control program links**
- **Bluetooth® security, interference immunity**

Specifications

Rig Control Ports

Connectors	3.5 mm, 3 cond., RS-232 DB9M
Compatibility	Most radios with 5V TTL/CMOS or RS-232 Computer-Aided Tuning I/O, including many models from Icom, Yaesu, Kenwood, Ten-Tec, Alinco, Elecraft, & more

PTT I/O

Output	Optoisolated RTS, DTR Open collector 50VDC, 50 mA.
Input	CTS, DCD input 5VDC max, 10K input imp.
Connector	3.5 mm, 3 cond

Audio I/O

Input	10K input imp.
Output	1.0VRMS into 16 Ohms minimum
Connector	3.5 mm, 3 cond.

USB I/O

Version	USB 2.0, 1.1 compatible
Connector	USB type mini-B
Speed	Full Speed (12 Mbps)

Status LEDs

Blue	Bluetooth connected
Green	USB ready
Red	Transmit (PTT)
Yellow	Application dependent

Dimensions

Size	2.6 W x 0.9 H x 4.4 L (in.), 66 W x 23 D x 111 L (mm)
Weight	2.6 Oz lb. (79g.)

Power

Voltage	8-15 VDC
Current	120 mA.



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