

## HamLinkUSB™

### USB Rig Controller Plus

*Connect and control transceiver via USB with Plus option for T-R switch, key, footswitch input, or user I/O!*



Timewave's new HamLinkUSB™ Rig Controller Plus is a USB to logic level conversion device for CAT-/CI-V enabled transceivers that provides PTT output, keying output or foot switch input options.

#### CAT-/CI-V Control

The HamLinkUSB™ Rig Controller Plus logic level serial interface connects directly to radios with non-RS-232 CAT /CI-V inputs. The radios include Kenwood, Icom, Yaesu, Ten-Tec, Elecraft, Alinco and other models.

#### PLUS Control

In addition to the standard serial interface on every HamLinkUSB™ Rig Controller Plus, the user can choose an option that connects and controls PTT lines, keying lines or general purpose outputs or that accepts inputs from external devices such as foot switches.

#### Software and Hardware Control

The HamLinkUSB™ Rig Controller Plus is compatible with most soundcard and software control programs, such as PK-Term 3.0. The PTT version of the HamLinkUSB™ Rig Controller Plus has a RTS output with a driver transistor to operate a PTT line from most sound card programs. Other versions have DTR/transistor outputs to drive electronic keyers and general purpose outputs for user-determined purposes. Another version has a logic level input to detect external switches such as foot switches.

#### Connectors & Cables

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

#### Support

As always, every HamLinkUSB™ has Timewave's on-line and telephone support.

## Features

- *USB adapter for TTL/CMOS CAT-/CV-I Rigs*
- *PTT interface option for soundcard programs*
- *PTT & Keying with DTR, RTS or user output options available*
- *Foot Switch input interface option*
- *Cables available for Yaesu, Kenwood, Icom & Ten-Tec, Elecraft, alinco & more*
- *3 LED status indicators*
- *Unique serial numbers allow multiple HamLinkUSB™s on the same PC*
- *CD with popular rig control programs & links*

#### Rig Control Port

Connector	3.5 mm, 4 conductor
Compatibility	Most radios with 5V TTL/CMOS Computer-Aided Tuning I/O including models from Icom, Yaesu, Kenwood, Ten-Tec, Alinco, Elecraft, & more

#### Plus I/O (one input or output per module version)

Output	RTS, DTR, or GPO Open drain FET, 50VDC, 50 mA.
Input	CTS, DCD, RI, or GPI input 5VDC max, 10K input imp.

#### USB Input

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

#### Status LEDs

Green	USB ready
Red	Application dependent
Yellow	Application dependent

#### Housing

Material	Molded Polycarbonate
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#### Dimensions

Size	0.75 in.W x 0.5 in. D x 2.25 in. L 18.9 mm W x 12.7 mm D x 57.1 mm L
Weight	0.4 Oz lb. (11g.)

#### Power

Voltage	5VDC powered by USB
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# HamLinkUSB™

**Rig Control +  
with Audio & PTT**

