Laird TECHNOLOGIES

Innovative **Technology** for a **Connected** World

BRBLU03-010A0
High Speed Bluetooth® USB Adapter



The Professional, High-Speed Bluetooth® USB Adapter is the first Bluetooth USB adapter designed specifically to deliver the high data rates of modern technology.

The high reliability design ensures your wireless applications work just as well in the diverse 'real world' deployment locations as in the controlled environment of your engineering lab. Laird Technologies' USB adapter gives you all of the advantages to make the most of any environment and offers the best possible performance to cope with the worst possible environments.

Power is a key performance indicator. Laird Technologies' professional range of products contain a highly optimized radio that works at an extended range using 10% of the power consumption of other Bluetooth solutions. This unprecedented power control ensures that your mobile products will work longer.

The USB adapter contains a fully compliant Bluetooth HCI interface enabling it to run with any approved Bluetooth protocol stack. With Microsoft Windows XP SP2 , Vista and Windows CE it is truly plug and play.

KEY FEATURES

- Best in class range, providing open field connectivity in excess of 300 metres
- Adaptive Frequency hopping to cope with interference from other wireless products
- A full industrial operating temperature range of -40°C to +85°C
- Automatic high speed performance using the Enhanced Data Rate of Bluetooth Version 2.0+EDR specification with data rate up to 3Mbps
- Supports extended SCO to provide the highest quality voice communications
- Optimised receive sensitivity to provide long range initial connections that largely eliminate connection hysterisis
- Low power
- Lead free
- 2 year warranty

SECURITY

When designing applications, security is paramount. To simplify this, our professional USB adapter supports all the security features from the Bluetooth standard.

- Full support of Authentication and Encryption
- 128 bit authentication keys
- 128 bit encryption keys
- SAFER+ encryption algorithm

global solutions: local support™

USA: +1.800.492.2320
Europe: +44.1628.858.940
Asia: +852.2268.6567

wirelessinfo@lairdtech.com
www.lairdtech.com/wireless

Laird TECHNOLOGIES

Innovative **Technology** for a **Connected** World

BRBLU03-010AC
High Speed Bluetooth® USB Adapter

FEATURE	IMPLEMENTATION
Bluetooth®	Class 1
Frequency	2.402 – 2.480GHz
Max Transmit Power	+6dBm
Min Transmit Power	-27dBm
Lowe Power Sniff	2.5mA typical
Receive Sensitivity	Better than -84 dB
Range	300 m (free space)
Current Consumption	Idle mode = 13mA
	Connected as master = 20mA
Physical Size	64.0 x 20.0 x 10.6mm, 11g
Bluetooth Qualified	Bluetooth 2.0
Lead Free	RoHS compliant
Temperature Range	-40°C to +85°
Data Transfer Rate	2.1Mbps

ENVIRONMENTAL TESTS

IEC 60068-2-1:1990	IEC 60068-2-56:1988	SAE 1455:REVAug94	Paragraph 4.10.4 (shock)
IEC 60068-2-2:1974	IEC 60068-2-30:1980	Paragraph 4.9.4.2 (random)	
IEC 60068-2-14:1984	IEC 60068-2-29:1987	SAE 1455:REVAug94	

The details contained within the document are subject to change. Download the product specification from www.lairdtech.com/wireless for the most current specification.



Any information furnished by Laird Technologies and its agents is believed to be accurate and reliable. Responsibility for the use and application of Laird Technologies materials rests with the end user since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability, or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies terms and conditions of sale in effect from time to time, a copy of which will be furnished upon request. For further information please visit our website at www.lairdtech.com. Alternatively contact: wirelessinfo@lairdtech.com. Bluetooth® is a trademark owned by Bluetooth SIG, Inc., USA and licensed to Laird Technologies.

© 2009 All Rights Reserved. Laird Technologies is a registered trademark of Laird Technologies, Inc.

Стандарт Электрон Связь

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург, Промышленная ул, дом № 19, литера Н, помещение 100-Н Офис 331