

# **eBLOCKS<sup>®</sup>**

Easy Bluetooth bundle



# General information

This product is a bundle containing a selection of E-blocks development boards together with a professional version of Flowcode graphical development software.

## 1. Features

- Provides a Bluetooth interface for your projects
- Includes a downloadable copy of flowcode Pro V6
- Allows for rapid development of a Bluetooth technology system
- Includes a bundle manual with examples



## Description

This bundle includes everything you need to rapidly develop a fully working Bluetooth system including a downloadable copy of Flowcode V6. The Matrix TSL web site has examples explaining how to establish a wireless Bluetooth connection between an E-blocks system and a PC allowing wireless sensing and control of your embedded application from a computer. This concept can be extended to include Bluetooth communications to other E-blocks systems and to Bluetooth devices such as headsets and mobile phones.

A compatible E-blocks CODEC board for establishing headset audio transfer is available separately. Flowcode includes component macros to support the use of the E-block boards and devices used in the bundle.

# Learning resources

Flowcode V6 includes over 200 components that simplify both learning and development of embedded systems, such as wired and wireless communication protocols and applications.

Detailed datasheets are available for each e-Block board via download from the Resource or Learning Centre sections of the Matrix TSL website.

Articles and software examples for teaching and application development for this selection of E-blocks are available on the Resource and Wiki sections of the Matrix TSL website. Additional help is available from the broad spread of experienced members of the Matrix TSL online forum.

Matrix TSL Learning Centre:  
[http://www.matrixtsl.com/lc\\_index.php](http://www.matrixtsl.com/lc_index.php)

Flowcode Wiki:  
<http://www.matrixtsl.com/wiki>

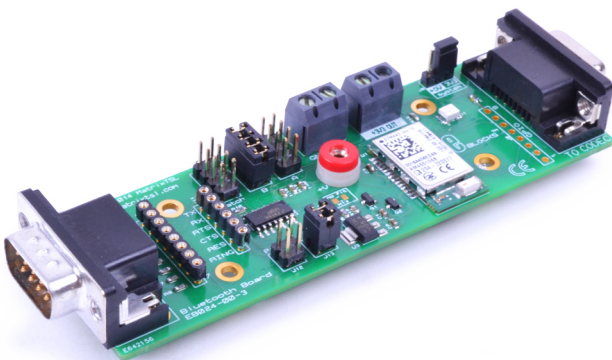
Matrix TSL Forum:  
<http://www.matrixtsl.com/mmforums>

## Pack Contents

The table gives a list of the major items of the pack contents.

Datasheets on any individual item are available from the resource section of the Matrix TSL website [www.matrixtsl.com](http://www.matrixtsl.com)

Qty	Description
1	E-blocks LED board
1	E-Blocks LCD board
1	E-blocks PICmicro multiprogrammer
1	E-Blocks push-to-make switch board
1	E-blocks Bluetooth board
1	Flowcode V6 Professional Commercial single, PIC
1	Power supply
1	Bluetooth USB Dongle
1	USB lead





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