



# Blue-Bot<sup>®</sup> TacTile Reader

A fun way to program your Blue-Bot

## Warranty & Support

This product is provided with a one year warranty for problems found during normal usage. Mistreating the TacTile Reader or opening the unit will invalidate this warranty. Any data stored on the unit and any consequential loss is not covered by this warranty. The battery is not user replaceable.

## Technical Support

Please visit [www.tts-group.co.uk](http://www.tts-group.co.uk) for the latest product information.

Email [feedback@tts-group.co.uk](mailto:feedback@tts-group.co.uk) for technical support.

TTS Group Ltd.

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**WARNING:** Do not dispose of this product in household waste. Hand it over to a collection point for recycling electronic appliances.

Not suitable for children under 36 months due to small parts – choking hazard. Made in China, on behalf of the TTS Group Ltd.



## Waste Electrical and Electronic Equipment



(WEEE)

When this appliance is out of use, please remove all batteries and dispose of them separately. Bring electrical appliances to the local collecting points for waste electrical and electronic equipment. Other components can be disposed of in domestic refuse.



The crossed-out dustbin symbols indicates that batteries, rechargeable batteries, button cells, battery packs, etc. must not be put in the household waste. Batteries are harmful to health and the environment. Please help to protect the environment from health risks. If the toy is out of use, please use common household tool to break the product for built-in rechargeable battery operated toy or unscrew the battery door for replaceable battery operated toy, then take the battery out from the toy. Dispose of battery in accordance with your local battery recycling or disposal laws.



TTS Product Code:

**IT01118**



## USER GUIDE

[www.tts-shopping.com](http://www.tts-shopping.com)



# TacTile Reader

## Important Information

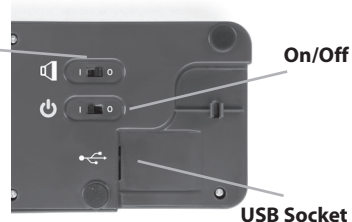
Rechargeable batteries are only to be charged under adult supervision. The supply terminals are not to be short-circuited. Regularly examine for damage the plug, enclosure and other parts. In the event of any damage, the toy and charger must not be used until the damage has been repaired. Exhausted batteries are to be removed from the product. If necessary, wipe the product gently with a clean damp cloth. Keep the product away from direct sunlight and heat. Do not allow the product to come into contact with water or other liquids. In the event of a static discharge, your product may malfunction. In this case, please switch it off and then back on again to reset it. The battery fitted to your Blue-Bot TacTile reader is a non-replaceable DC 3.7V, 650mAh Lithium Polymer rechargeable battery. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

## Know your Blue-Bot Tactile Reader

Sound On/Off



The Blue-Bot Tile reader is supplied with the following tiles:

### Starter Pack

|             |   |
|-------------|---|
| Forwards    | 8 |
| Backwards   | 8 |
| Left (90°)  | 4 |
| Right (90°) | 4 |
| Pause       | 1 |

The Extension pack (not included) contains the following Tiles:

### Extension Pack

|           |   |       |   |
|-----------|---|-------|---|
| 45° Left  | 4 | X 4   | 2 |
| 45° Right | 4 | X 6   | 2 |
| Repeat [  | 3 | X 8   | 2 |
| X 2       | 2 | ]     | 3 |
| X 3       | 1 | Pause | 2 |

There is also an extension pack available from TTS (not included) which allows the TacTile reader to program 45 degree turns and repeat functions. The Tiles have a label on both sides so that you can use the reader in portrait or landscape.



## Charging

Before using for the first time please fully charge the TacTile Reader. Depending on how discharged the battery is this could take up to 10 hours. To begin charging use the USB lead supplied to connect the TacTile reader to any suitable USB port or USB charger. The status LED will change to Red to show that the reader is charging. Once fully charged the status LED will change to green. When the battery requires charging the Status LED will flash red. Battery life will be extended if the battery is charged when power is low rather than allowing the battery to become completely exhausted.

**Always fully charge the Blue-Bot TacTile Reader before storing for long periods. It is strongly recommended that it is recharged every six months.**

## Pairing with a Blue-Bot

Switch on the TacTile reader and the Blue-Bot you wish to pair to. Press and release the pairing button and the TacTile reader will automatically detect the Blue-Bot and pair with it. The Status LED will flash Blue during the search and will stop flashing when the pairing has been successful. The Blue-Bot's eyes will change to Blue. If you need to pair more, Blue-Bots and TacTile Readers, just complete the same process again. If pairing is lost for any reason the Blue LED on the TacTile reader and the Blue LEDs on the Blue-bot will switch off (This may take several seconds). Please ensure you are within 10m of the Blue-Bot during the pairing process.

## Constructing a program

Each TacTile reader has positions for up to 10 tiles. A program is constructed by placing the direction tiles in the desired order. A red LED will light above each tile position to show that the TacTile reader has recognised the tile. When the program is complete, press the "Send" button and the code will be transmitted to the Blue-Bot. To help debug the program an LED will light above the tile which is currently being actioned. When all the program steps have been completed the program can be modified or debugged by changing the tiles or positions.

## Daisy Chaining

Up to three TacTile readers can be daisy chained together to allow up to 30 commands to be used. The TacTile readers are connected together using the USB leads supplied. Simply connect the right hand side USB connector to the left hand side USB connector of the next TacTile reader. Only the right hand side "Pair" and "Send" buttons will function.

## Status LED

|               |               |   |
|---------------|---------------|---|
| Green         | - Power is on | When the TacTile reader is switched off |
| Flashing Blue | - Pairing     | Red - Charging                          |
| Blue          | - Paired      | Green - Fully charged                   |
| Flashing Red  | - Battery low |   |

## Specification

|              |   |
|--------------|---|
| Battery      | 3.7V 2600 mAh Lithium Polymer (not replaceable) |
| Battery Life | 8 Hours Typical                                 |
| Charge time  | 10 Hours Typical                                |
| Range        | 10m (typical)                                   |

## Troubleshooting

|  |  |
|--|--|
| TacTile reader cannot pair with Blue-Bot   | Ensure that the Blue-Bot is switched on and is fully charged.<br>Move closer to the Blue-Bot |
| Tiles are not detected   | Battery is low. Please charge  |
| Blue-Bot does not respond when the send button is pressed<br>Or Blue-Bot will not pair | Blue-Bot is out of range.<br>Move closer to the Blue-Bot and try again                       |