



# ThinkTank Blaster IV

## detailed instructions for assembly and operation

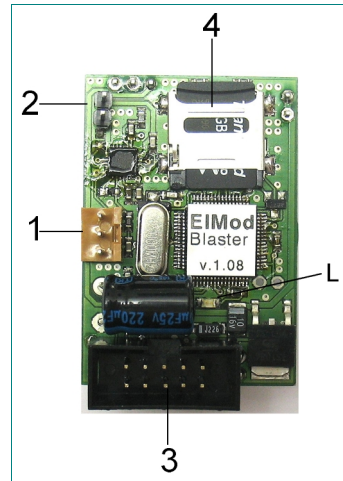
Please read these instructions carefully before assembling the parts.

### Product contents

- ThinkTank Blaster PCB
- volume control cable
- speaker cable
- microSD-card

### Overview of connectors

- 1 connector for volume control
- 2 speaker connector
- 3 EMNet-connector
- 4 microSD card with sample sets
- L status LED



### Assembly and connection

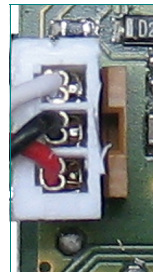
Faulty wiring may cause permanent damage to the electronics! If anything is unclear, please take a look in our FAQ or send us an email!

- Plug the ThinkTank Blaster PCB on the ThinkTank Tank Module, so the pins of the Blaster exactly fit to the red marked counterparts on the Tank Module.

Make sure that ALL four connections are mechanically secured! Otherway the electronics may be damaged or destroyed!

- Plug the volume control cable
- Solder a suitable 8 Ohms speaker to the included speaker cable. Plug the cable to the corresponding connector on the Blaster board.

NOTE: The original HengLong volume control may also be used instead of the included one. In this case two wires of the HengLong part have to be swapped. See the picture for the correct wiring.



### First run

It is essential for proper function of the module that the tank itself and all other modules are installed correctly!

- Make sure all cables have been installed as described above.
- Make sure that the SD card is well fixed.
- Put in a full charged battery and switch on the tank.
- The status LED starts blinking for a short time and remains on.

### Status LED

Short blinking after power up	Establishing connection to the central unit
On	Blaster is operational
Blinking	error

### Motor ignition

After the installation of the ThinkTank blaster, the engine is switched off after power up by default. You can change the state of the engine as follows:

- Proportional control: read the manual of your central unit for details.
- HL-Tanks with S&S: After power up push the ignition button on the radio and wait approx. 10 seconds (the time span which is required for the original HL-ignition sequence to be finished). Move the left lever to the left upper position

This procedure switches the tank alternately on and off. You cannot move the tank when the engine is off.

### Setting up a sample set

The included microSD card includes several ready-to-use sample sets. For activation of a sample set, insert the card in a suitable card reader in a personal computer and start the file "setup.exe" which is located in the root directory of the SD card.

### User defined samples

Up to four samples per sample set can be used as free defined sounds, which may be triggered by two free channels of the proportional receiver. See the manual of your central unit for details how the samples are triggered..

The included microSD card includes several third-party sample sets. We give no guarantee for the quality or content of the sample sets!

Nicht geeignet für Kinder unter 14 Jahren.

Not suitable for Children under 14 years.

Ne convient pas pour des enfants de moins de 14 ans.

Niet geschikt voor kinderen onder de 14 jaar.

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