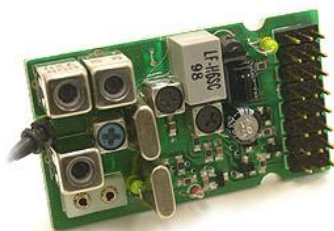
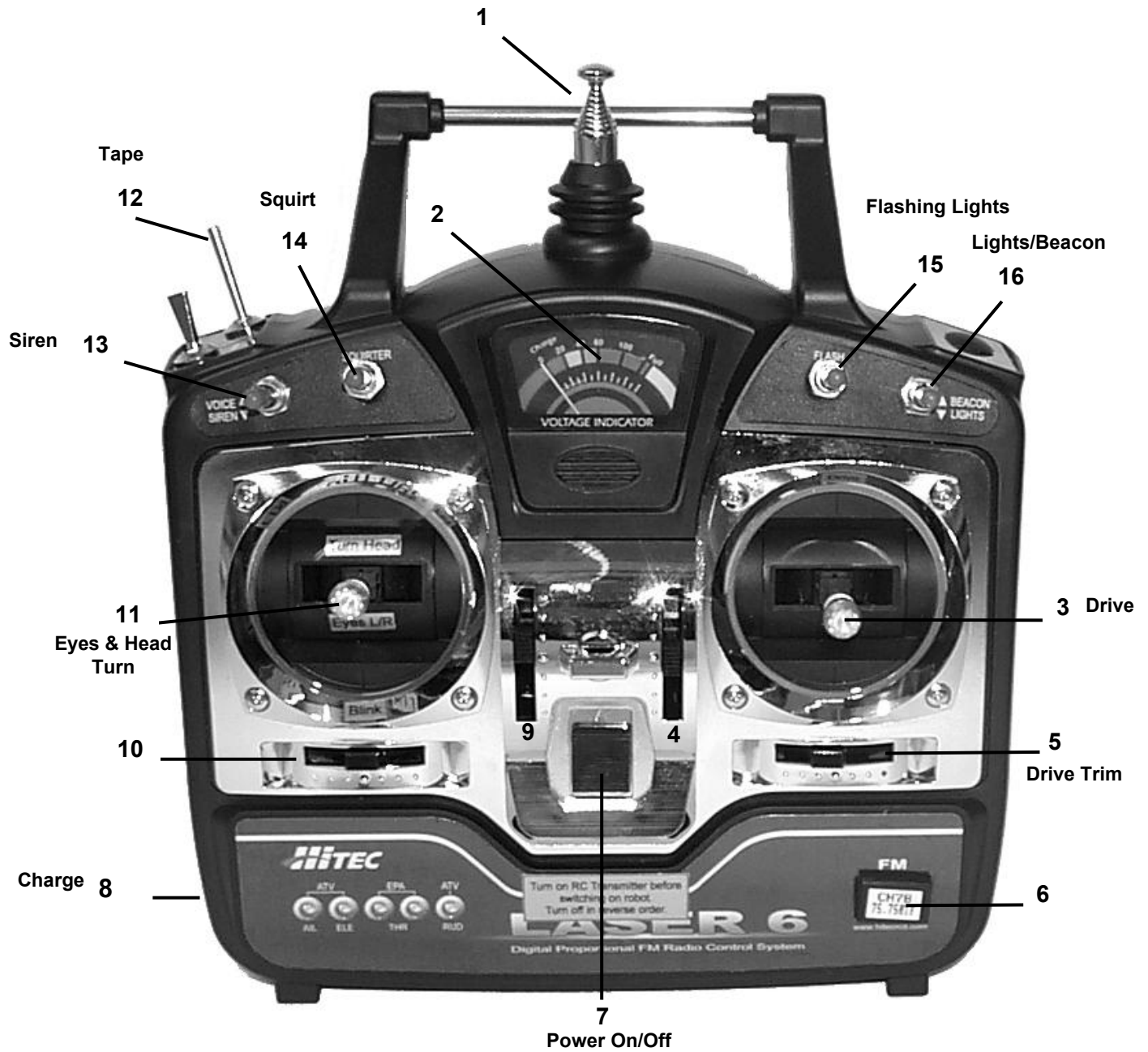


RADIO CONTROL TRANSMITTER (Hi-Tec)



RC Receiver located in the robot



RC TRANSMITTER CONTROLS

Note: The following information on the transmitter controls includes information for a variety of similar robots.



1. Telescopic Transmitter Aerial.
2. Transmitter Battery Voltage Meter (Expand Scale Voltmeter)
3. Right control Stick-
Up and Down – Robot drive motors, forward and reverse.
Right and Left – Robot drive motors steering. Left and right turns.
4. Forward/Reverse Trim lever for right control stick. Normal = Center. Neutralizes the drive motors. If the robot is moving slightly slide this a few clicks until robot stops moving.
5. Left and right Trim lever for right control stick. Normal = Center. Neutralizes the drive motors. If the robot is moving slightly slide this a few clicks until robot stops moving.
6. Crystal.
7. On/Off Switch.
8. Recharge jack. Plug the RC battery charger in here to recharge the internal battery. The charge light will come on, on the charger.
9. Forward and reverse trim lever for the left control stick. Normal = Center. Unused.
10. Left and right Trim lever for left control stick. Normal = Center. Centers the head on robots with head movement (Character in Vehicle).
11. Left Control Stick
Left and right movement - Turning of the head left and right (Character in Vehicle) and eyes left and right.
Up – Left lid and Right lid
Down – Blink

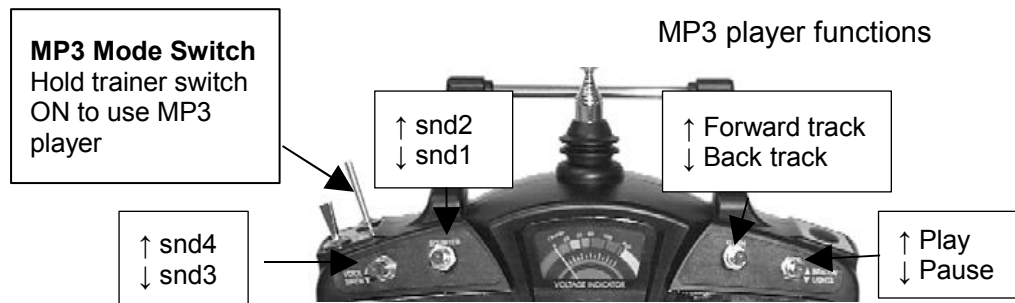
Top Switch Functions

12. Tape player

- 13. Voice and Siren
- 14. Squirter
- 15. Up- Flashing Lights- Red (Buster and Andy)
Down- Flashing Lights- Yellow (Buster)
- 16. Beacon and Lights

Controls for the Integrated MP3 Player Option

The MP3 player is located in the robot and has a SD or MM memory card that you can load music onto. If you have the MP3 player option then your switches will take on other functions when the MP3 mode switch is held on. Two of the switches are for sound effects on the SD memory card. The other two are for playing and selecting songs that you load on to the SD card.



THE NICKEL METAL HYDRIDE (NI-MH) RC TRANSMITTER BATTERY

The NI-MH RC transmitter battery will last about 5-6 hours on a full charge. Charge the battery for **14 hours**. A charge jack is provided on the transmitter for recharging its internal batteries. This round jack is located on the right side of the radio control. (See the radio control diagram) The RC power switch must be in the off position when the charger is plugged into it and must remain in the off position while charging. A light on the charger will be on, when charging.



Caution: Do not overcharge the batteries as this could cause permanent damage to the transmitter batteries. (Doubling the normal charging time is the type of over charging that is meant here, and the battery getting hot.) When the battery level needle goes in the red, the robot should be turned off because the robot could act erratic without the transmitter signal.

To avoid a RC battery going dead during a presentation, start the program with a fully charged battery or be aware of how much charge there is left in the battery. If you have an extra battery you can change batteries and keep going.

To install the NI-MH battery pack you need to take the battery cover off the RC. Disconnect the RC battery and put the NI-MH battery in its place.

RC Battery and Charger Specifications

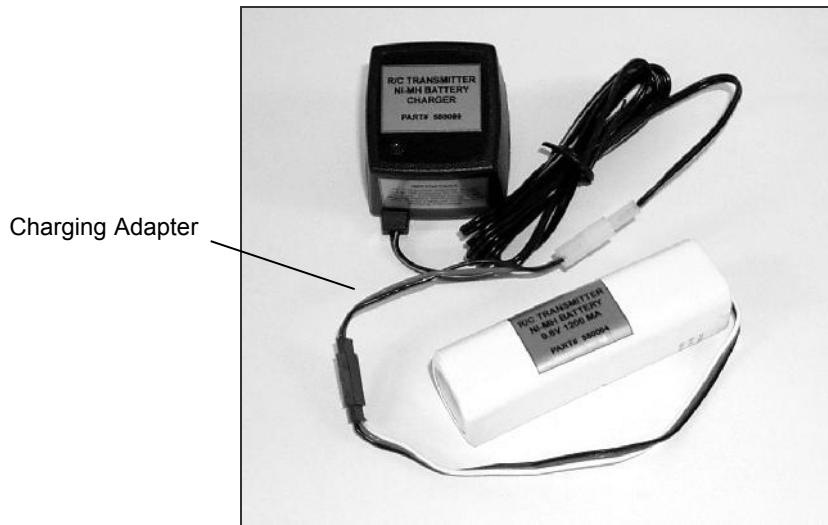
RC transmitter battery	9.6 Volts	700mAH
RC transmitter battery charger	11.6 Volts	70mA

NI-MH RC Battery and Charger Specifications

NI-MH RC transmitter battery	9.6 Volts	1500mAH
NI-MH RC transmitter battery charger	11.6 Volts	130mA

Adapter for Charging an Extra NI-MH RC Transmitter Battery

If you have an extra NI-MH RC battery, you can charge this outside the RC. You may need to do this while you are using the robot or if you need to charge both batteries at the same time. The adapter needed to do this is in the control case or it is on your charger. It has a white connector on one side and a connection on the other end that will go directly to your battery. If the barrel adapter is currently on the charger, disconnect it and connect the other adapter. The charging time is still 14 hours.



110 Volt RC Transmitter Power Supply Option

The 110V RC Power Supply is a power unit that plugs into a standard electrical outlet and in to the RC transmitter. This allows you to have continuous power without using batteries. This connects into the same connection as the battery. To make the connection you need to take the battery door off the RC. The wire feeds through a slot in the battery door. When you re-close the case be sure that the wire is not pinched. With this option, you do need to stand near an electrical outlet or have an extension cord.