MAXX STEELE™ is a fearless robot you construct and command. His electric motors and remote control unit let you move him right, left, forward, back or in circles. His left arm can pick up iron and steel with its magnetic disk. You control the grasping fingers of his right hand to grab objects of all kinds. MAXX™ can be made into many different robots and machines. These instructions include plans for MAXX and three alternate models. Use your imagination to make many more! Motorized MAXX STEELE™ is the perfect addition to your favorite action figures, motor vehicles or other models from the ERECTOR® Construction System.

ERECTOR MEANS BUILDING
Your Erector® Construction System will provide you many hours of building excitement. Whether you’re building the models shown in these instructions or creating your own, there’s lots of discovery and fun with Erector.

HOW TO BEGIN
First, read through this introduction carefully. It will explain the way the pieces go together and other important things you’ll need to know, such as: attaching the wheels, connecting the motors and making your robot move. When you’re ready to start building, pick the model you want to build and simply follow the pictures.

Axles
The axles are pieces that hold the wheels in place on the chassis and turn the wheels. There are 4 different sizes of axles, but you may not have all 4 in your set. Use the chart to sort your axles.

Shown at full size.

2"
3"
7"

BASIC ASSEMBLY TECHNIQUES
Nut & Screw Assembly
Your Erector models are mostly put together with nuts and screws. Put the screw through the 2 or more parts you want to connect. Fit a nut on the end of the screw and tighten by turning the screw clockwise. Use the screwdriver to turn the screw, and the wrench to hold the nut in place.

Girder
Screw
Screwdriver

To Tighten

Wrench for Nuts

Tires and Hubs
Fit the flat surface of each hub together. Slide the hub inside the tire, then slide an axle through the hub and tire. Add hub cap.

Hubs
Axle
Tire
Flat Surfaces

ATTACH WHEELS TO CHASSIS
Axle supports connect the axles to the chassis. Snap axle support in place as shown. Be sure that the flat side of the axle support fits against the inside wall of the chassis.
Put axle through the support and hold it in place by snapping a clip over the axle.

Axle Support
Clip
REMOTE CONTROL UNIT
Slide doors off. Install two D-cell batteries as shown. Put one D-cell battery in the back compartment. Replace doors.

3 D-cell Batteries Required. (Not included.)

IMPORTANT: OBSERVE BATTERY POLARITY.

ATTACH MOTOR TO CHASSIS
Install motors as shown. Make sure they lock in place and sit up against pins.

REMOTE CONTROL
The orange and yellow wires coming from the Remote Control Unit are controlled by the right hand switch on the unit and should be connected to the right motor.
The green and blue wires coming from the Remote Control Unit are controlled by the left hand switch on the unit and should be connected to the left motor.

If you turn on the right-switch and the left motor moves, reverse the plugs.

Look at the black plugs on the ends of the remote control wires. They are marked “+” (positive) and “−” (negative). Start by connecting the red wires from the motors to the “+” sides of the plugs and the blue wires to the “−” sides. If your model doesn’t move the way you want it to when you turn on the motors, reverse the connections. (Plug the blue wires into the “+” and the red wires into the “−”.)

Pushing the switches on the top forward and back controls the direction the motors run.

The lever on the bottom varies the speed. Push it in to increase the speed, let it out to slow down. The Speed-Lock switch on the top locks the motors on in the fastest setting. To use it, push the lever on the bottom all the way in, then push the Speed-Lock switch forward.
DRIVING BOTH SWITCHES IN
"FORWARD"
Model moves ahead fast.
NOTE:
Our models will move best on smooth floors. Running
large models on carpet may drain batteries.

BOTH SWITCHES IN "REVERSE"
Model moves backwards fast.
If your model won't move:
1. Lift it up so the wheels are off the table and try it
again. If the wheels move, the batteries may be low
or your model may be too heavy or unbalanced.

ONE SWITCH IN "FORWARD,"
ONE SWITCH IN "OFF"
Model turns slowly in the opposite direction of the
"forward" switch.
2. If the wheels still don't turn, pull the axles out of
the motor and turn on again. If you motors work,
check to see that you have the right axle support
in place and that nothing is putting tension on the
axle.

ONE SWITCH IN "FORWARD,"
ONE IN "REVERSE"
Model turns sharply in the opposite direction of the
"forward" switch.
3. If nothing happens then, check all connections.
4. If the connections are right and nothing happens,
check the batteries. Are they in correctly? Are they
worn out? We recommend alkaline batteries for
longest use.

ASSEMBLY OF ROBOT ARM
1. Place 2 CLAW SECTIONS flat on the table. Attach
each end of SPRING to POST on each CLAW
SECTION.

   CLAW SECTION

   SPRING

   POST

   POST

   Peel off backing
   and apply as shown.

2. Slip ARMATURE CASE over rear of CLAW SEC-
TION. Secure ARMATURE CASE with 2 SCREWS
and NUTS.

   ARMATURE CASE

   #4 SCREWS

   CLAW SECTION

   NUTS

3. Place HOLE in TRIGGER over POST in BOTTOM
HOUSING.
4. Apply a thin coating of grease or vasoline to the BALL END of the ARMATURE. Place ARMATURE into BOTTOM HOUSING with RING END of ARMATURE over TRIGGER PIN. Lift BALL END of ARMATURE slightly and slip it into the rear of the ARMATURE CASE and CLAWS. Lower LIP of ARMATURE CASE into GROOVE of BOTTOM HOUSING.

5. Snap TOP HOUSING onto BOTTOM HOUSING. Secure with 2 SCREWS and NUTS.

6. Slip FLAT END of MOLDING into SLOT in HOUSING. Secure with SCREW and NUT.

7. Fully assembled view of ROBOT ARM. CLAW SECTION can swivel 360 degrees. Pull TRIGGER to open CLAWS. Release TRIGGER to close CLAWS.
SONIC CLAW MODULE™

See page 1, Tires and Hubs. Use 7” Axle.

1. Use 3 screws

2. Bottom View

3. Use 3 screws

Two required.

4. 2” Axle

Two required.
5. Step 4 Assembly

6. Use #3 screws

7. Step 6 Assembly

8. Step 7 Assembly

Two required.
9 Use #3 Screws

10

Step 8 Assembly

Step 5 Assembly

Step 9 Assembly
See pages 3 and 4, ASSEMBLY OF ROBOT ARM.

Remove labels from backing sheet and apply as shown.
5 Use #3 Screws

Step 4 Assembly

Step 6 Assembly

Step 5 Assembly

6 Two Required

7 Use #3 Screws

8 Two Required

NOTE: Rotate MAGNET so that weak pull side faces toward PLASTIC DISC.
GROUND-TO-AIR DEFENSE SHUTTLE™

Front View

Back View