CHANGING YOUR BATTERIES

NOTE: The battery compartment is located on the bottom of the transmitter.

ALKALINE BATTERIES

1. Remove the Battery Adapter Case from the battery compartment and dispose of the discharged batteries.
2. Insert 3 fresh batteries (Size AA) into the Battery Adapter Case, and snap it into place.

RECHARGEABLE BATTERY

1. Remove the discharged battery from the battery compartment.
2. Snap a fully-charged replacement battery into the battery compartment.
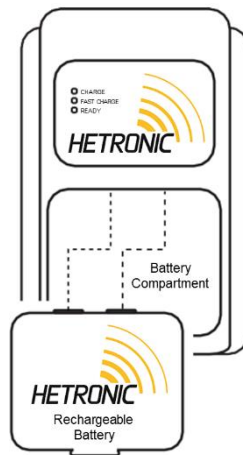
CHARGING YOUR BATTERY

1. Confirm that your Hetronic battery charger is powered ON.
2. Insert the discharged battery into the battery compartment as shown and snap into place. The CHARGE LED flashes for 2 seconds, then stays lit.

   When fully charged, the READY LED lights up and the CHARGE LED turns OFF.

NOTE: Your battery is damaged if no LEDs light up (open cell) or the CHARGE LED flashes constantly (shorted cell).

AVOID DELAYS

To ensure that the charging process has begun, ALWAYS confirm that the battery charger is powered ON, and the proper CHARGE LED lights remain lit as noted in these instructions.

Battery Charger & Rechargeable Battery

FAST CHARGING YOUR BATTERY

1. Insert the discharged battery into the battery compartment and snap into place. The CHARGE LED flashes for 2 seconds, then stays lit.
2. Press FAST CHARGE. The FAST CHARGE LED also lights up and stays lit. When the READY LED lights up and the CHARGE and FAST CHARGE LEDs turn OFF, your battery is fully charged,

NOTE: Charging time could take up to 5 hours depending on your battery condition.

TROUBLESHOOTING

Batteries not charging:

   • No power to the Charger. Supply power.

System not initializing after normal START:

   • Disengage STOP pushbutton.
   • Check batteries, replace if needed.
   • Confirm that the receiver is powered ON.

Transmitter is activated, but does not transmit (status light is not flashing green):

   • Check batteries, replace if needed.
   • If batteries are fresh or fully charged, there may be an internal failure (see supervisor).

Unit is transmitting, but the machine not responding:

   • Out of range. Restart transmitter within range.
   • Confirm that the toggle switch is in the OFF position (this is normally the "center" position).
   • Receiver is not powered ON or may have a blown fuse. Turn ON receiver and check fuses.
   • Transmitter/receiver frequency channels do not match (see your supervisor).
   • Transmitter/receiver addresses do not match (see your supervisor).

All machine functions operate intermittently:

   • Receiver antenna connection or ground loose.
   • Interference.
   • Connector inside receiver is loose.

Some machine functions operate intermittently:

   • Machine motion wiring is loose. Check wiring from receiver to plug, from plug to actuator.
   • Connector inside receiver is loose.

QUICK REFERENCE

NOVA-S TRANSMITTERS

Local But Global

READ THIS FIRST

! *DANGER: Do not operate this transmitter unless you have been trained in the safe and proper operation of the radio control system and the machinery it is to control.*

Be alert to unsafe conditions and be aware that radio remote control commands can take place around obstacles and out of your direct sight.

ALWAYS confirm that the machine and remote control STOP functions work properly BEFORE beginning any machine operation.

Turn OFF the transmitter when not in use.

BEFORE OPERATION

! *WARNING: Test the STOP function. NEVER operate the machine if the STOP function does not work properly.*

Check the condition of your transmitter once a day, before the start of an operation and at shift changes:

- Visually check the transmitter for any physical wear or damage.
- Confirm that you can read and understand all of the safety labels.

! *WARNING: Never operate a transmitter with worn or damaged parts.*

HOLDING YOUR TRANSMITTER

To reduce stress and increase safety, use the belt or strap (if provided).

Position the transmitter upright with the front facing away from you.

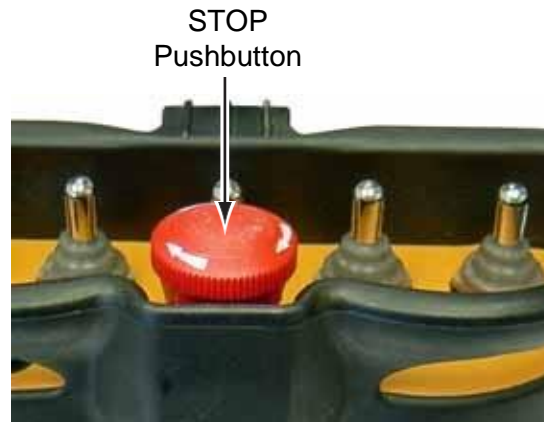Confirm that you are able to easily read and understand all text and symbols.

! *WARNING: Holding the transmitter improperly while operating your machine could result in unexpected machine response*

STARTING YOUR TRANSMITTER

1. Confirm that all equipment manufacturer safety measures have been followed.
2. Confirm batteries are fresh or fully-charged.
3. Confirm that all controls for your application are in the OFF (neutral) position.

NOTE: This is usually the center position.

4. Turn ON the transmitter by pressing and releasing one of the switches.
5. Twist and pull out the STOP pushbutton.

STOP
Pushbutton

6. Test the machine functions to ensure that the machine responds as expected.

! *DANGER: Machine functions operate during this test. Confirm that it is safe to test the functions and there are no obstacles near the machine.*

7. Push in the STOP pushbutton and test the machine functions again to confirm that they DO NOT function.

! *DANGER: If any machine functions operate with the STOP pushbutton depressed, STOP IMMEDIATELY, remove the batteries, and see your supervisor for next steps.*

8. Twist and pull out the STOP pushbutton.
9. Turn ON the transmitter by pressing and releasing one of the switches.

Your system is ready for operation.

STOPPING YOUR TRANSMITTER

Press the STOP pushbutton.

EMERGENCY STOPPING

Press the STOP pushbutton. Confirm that all dangerous situations are corrected before restarting the transmitter.

NOTE: The STOP function responds faster than any other function. When the STOP is engaged, the system ignores any other signal that is transmitted

STOP must be disengaged before the system will respond to any other signal

UNDERSTANDING THE OPERATION LED

NOTE: The Operation LED exact location is not specified because placement varies per application.

The Operation LED indicates the following operational condition and status.

- Flashing Green - transmitter is operational.
- Steady Green - low battery power.

NOTE: If the battery is low, the transmitter automatically shuts down in 30 seconds, To restart your transmitter, replace the discharged batteries, and see the *Starting Your Transmitter* procedure for next steps.

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