



Tags must have sufficient battery power and be working properly for your patients to be protected by the MyChild system.

How to Store a MyChild Tag

To prevent premature battery drain, MyChild Tags should always be stored in individual foil pouches (FZB-050 available on our online store <https://www.mcrobertstech.com/product/50-foil-pouches-needed-for-tag-storage-sku-fzb-050/>). Tags not kept in individual foil pouches will experience RF (radio frequency) “chatter” between themselves that will drain their batteries.

Because the tags are always active, to avoid the tags being heard by the system while in storage, the individual foil pouches should be kept in an RF-shielding sac (SAC-100). A metal box can also serve as an RF-shielding solution.

Additionally, the tags should be stored in a location free from RF noise. RF noise in the environment can drain tags’ batteries. Some examples of electronics that have been shown to radiate unwanted RF noise are:

- 1) Computers: desktops, laptops, and tablets.
- 2) Flat screen and tube-type monitors and TVs.
- 3) LED light bulbs.
- 4) Cell phones.

To determine if RF noise is present where tags are being stored, a handheld Pocket Tag Reader/Tester (PTR-100) can be used to measure ambient RF noise. There should be a Pocket Tag Reader/Tester at every workstation where tags are enrolled. They are available on our online store: <https://www.mcrobertstech.com/product/tag-reader-tester-for-testing-all-tags-sku-ptr-100/>.

Handheld Tag Reader/Tester Setup

- 1) Press and hold the **ON** button to turn Pocket Tag Reader/Tester on.
- 2) Press the **Up** or **Down Arrow** to scroll through the menu until you see “CHECK RF NOISE MODE.” Press **Accept**.
- 3) A new menu will come up allowing you to select 307 or 433. Press the **Up** or **Down Button** until “CHECK 307kHz NOISE” is displayed. Press **Accept**.
- 5) Pocket Tag Reader/Tester will display “307kHz NOISE” and a bar graph will be displayed.
- 6) Move the Pocket Tag Reader/Tester around until you find a spot with 5 bars or less. Best policy is to adjust the position of the Pocket Tag Reader/Tester as you move it around.

The bar graph should show less than 6 bars for best tag life. Keep tags stored in foil pouches.

If your tags are auto-enrolling when you don’t want them to, store them outside the field of any controller or receiver (approximately 25 feet) and/or call McRoberts Tech Support to adjust the size of the field of the offending receiver or controller.

Tag Battery Testing

Must be done for all MyChild tags

NOTE: Before using the pocket tag reader/tester, be sure the pocket tag reader/tester is powered with a 9-volt battery. The battery compartment is on the back of the tester.

To turn the pocket tester on, press and hold ON/ACCEPT button for 4 to 5 seconds.

Once the device is turned on, follow these steps:

Step 1

When you see *User Menu* – press the *UP* arrow one time.

Step 2

The prompt will read *Tag Test Mode*.

Step 3

Press the *ON/ACCEPT* button.

Step 4

The prompt will read *Place Tag Near Tester*. Place the tag approximately 12 inches from the tester.

Test Results

The tag test results will be displayed on the screen.

There are three possible results:

If the tag has enough battery: “Tag OK.”

If the tag has low battery: “Low Battery.”

If the tag battery is dead: “No Tag Found.”



Cut-Band Tag Tamper Testing

Required for Cut-Band Tags Only



Cut-band tags require a tamper test that is done with the pocket tag reader/tester and a cut-band test plate (CBP-100 available on our online store <https://www.mcrobertstech.com/product/cut-band-test-plate-for-cut-band-tag-sku-cbp-100/>). This test needs to be done immediately after the battery test or you will time out and have to start again. The tamper test tells if the circuit is working properly or not.

Step 1

Place tag on cut-band test plate. Do not press or push the tag down as this could potentially damage the tag pins.



Step 2

Press “On/Accept” on the pocket tag reader/tester.
The next prompt to appear will read: “Test Tamper?”

Step 3

Press “Accept.” The next message will read: “Waiting for Tamper.”
After approximately ten seconds, lift tag off tester.

Test Results

After several seconds, the prompt will read either “Tamper OK,” which indicates the tamper function is working, or “No Tamper Detected.” If the “No Tamper Detected” message appears, best practice is to wait 30 seconds and repeat the entire process starting with the battery test. If you get a second “No Tamper Detected” result, do not use the tag. Return the tag to McRoberts.

After testing a tag, assign the tag to a patient in the MyChild software at your workstation.

Contact Us

For Technical Support
TechSupport@McRobertsTech.com
800-776-7328 Option 2

For Training
Training@McRobertsTech.com
800-776-7328 Option 9