

# HIGH TECH PET



*The Most Ingenious Pet Products On The Planet*

**Power Pet**



# ROLL UP<sup>®</sup>



## INSTALLATION & OPERATING INSTRUCTIONS

U.S. PATENT # 12104438-B2  
U.S. PATENT # 11834897-B2



### **IMPORTANT NOTE :**

Before going any further, please make sure that all products are accounted for, and to also test the door for proper function before installing into place. If the product fails to perform as advertised, or if you are missing any items from your order, please reach out to us via telephone or email right away. You can reach us at :

**1-800-255-1279 - Monday - Friday 6:30 am - 4:00 pm PST**  
**info@hightechpet.com**

### **YOUR POWER PET ROLL UP DOOR PACKAGE INCLUDES :**

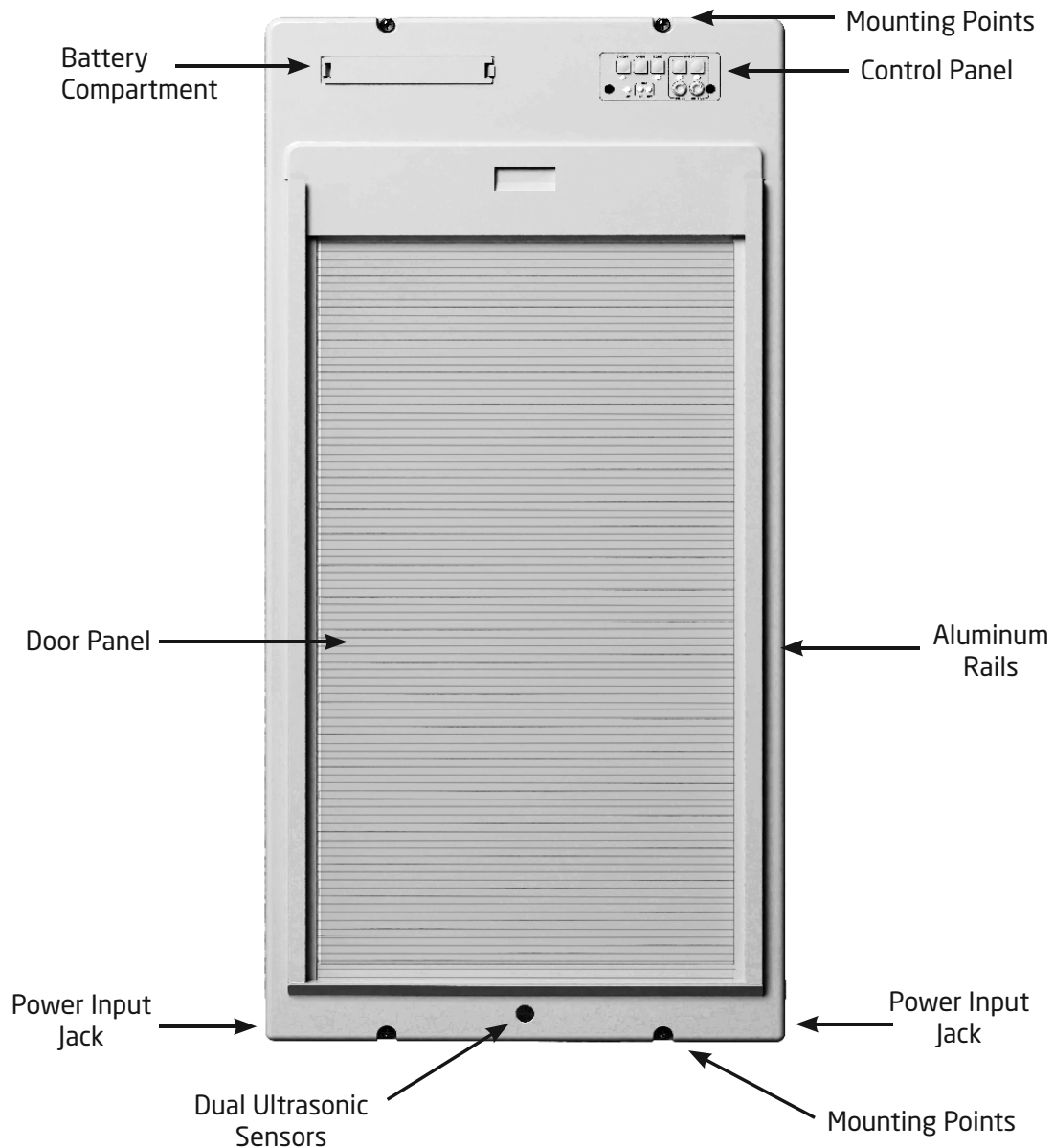
- **One Pet Transmitter Collar** (Model **MS-5 collar** or optional **RX-10 rechargeable collar**)
- **110 Volt AC Adapter** (Connects to either power input jack on edge of inside frame, on left or right side)
- **Pre-Fabricated inside and outside frame**
- **All Required Installation Hardware**
- **Heavy Duty Security Panel**
- **Empty Battery Cartridge or Optional Back up Battery**

(Aluminum Wall Tunnel, Rechargeable Back up Battery, and Extra Transmitter Collars are sold separately.)

## INTRODUCTION AND PRODUCT DESCRIPTION :

Your new Power Pet Roll Up door is like no other pet door made. Patented Power Pet Roll Up doors are fully automatic, motor driven and open completely under their own power. Activated by an ultrasonic pet collar, your new Power Pet Roll Up door will keep out stray animals. It is secure against wind and cold, and provides much better insulation than a conventional flap door. Your new Roll Up door features an attractive, high-strength door panel that quickly and quietly rolls upward to disappear into the stylish housing. Your pets are empowered to come and go as they please while their animal friends are politely asked to stay out.

**IMPORTANT NOTE :** All Power Pet Roll Up doors are WiFi enabled, please note that this door operates on **2.4Ghz WiFi only**. Please see our **WiFi Power Pet App User Guide** for more information.



Power Pet Roll Up doors increase home security with a special power on locking feature that guards against would-be intruders. Only the coded signal from your pet's collar will open the Power Pet Roll Up door. Only Power Pet Roll Up doors feature an ingenious directional sensing system that operates a fully automatic, motor driven panel. The signal emitted from your pet's collar tells the roll up door how far away your pet is and the direction in which your pet is traveling. This allows the door to work like magic, opening only when your pet is on a direct approach, not when it is just wandering by or when it is sitting or sleeping next to the door.

## **INITIAL POWER UP / ON NOTES :**

**For a few seconds, press and hold** the control panel **ON/OFF** button to power up the door. Verify the AC light is illuminated. Then press the manual **OPEN** button and verify the door panel open and closes by itself as normal. **NOTE :** To turn the door **OFF**, press and hold the **ON/OFF** button for a few seconds until the control panel lights turn off.

## **ALL NEW DESIGN!**

After selling tens of thousands of our original Power Pet (PX) door models, we are very pleased to introduce our all new, completely redesigned and restyled Power Pet Roll Up door model. We listened to the feedback of hundreds of customers and threw in a few ingenious, new ideas of our own to bring you the ultimate combination of security, style, and convenient features.

The Roll Up model, which features a slim flush mount design. This allows it to be mounted flush to your door or wall. You will find it is actually easier to install a Roll Up door than a conventional pet door and certainly easier than installing a "between the studs type door."

The Roll Up door is constructed of an ultra-high strength ABS and aluminum housing with an ABS polymer panel, giving you and your pet the ultimate in security. The fully sealed panel is made up of rigid interlocking segments that pivot to form a roll up panel and is mounted on a sliding, air-tight seal for the best wind and foul weather protection of any pet door made.

This new, absolutely state of the art design represents unquestionably the most advanced, most reliable, most stylish pet door made. anywhere. In fact, your new Power Pet Roll Up door will be the most sophisticated appliance your pet will ever own!

## **IMPORTANT NOTES :**

Upon receiving your door, you may notice that there are 2 strips of tape on your door panel, these are to help make the operation of your door more quiet and will also make replacing the door panel much easier, if ever needed. Please keep in mind that these strips are permanent, **do not remove**.

### **IMPORTANT RECHARGEABLE DOOR BATTERY CARTRIDGE NOTE :**

If you ordered a rechargeable door battery with your door purchase, your battery will come pre-installed in your door. It is important to **remove the tape on the back of the battery cartridge** by removing the battery from the front of the Roll Up door, then removing the tape on the back of the battery. This insures proper connection with your door, the tape is a shipping requirement. You can immediately re-insert the battery back into the Roll Up door after removing the shipping tape.

If you did not order a battery with your door, please be aware that an **empty cartridge** will be sent along with your door.

## **PET COLLAR OPERATED**

Only the amazing Power Pet Roll Up door uses our patented directional ultrasonic sensing system. This system has great advantages over magnetic or radio transmitter collars.

Magnetic collars have a very limited range making it tough to train the pet to operate the door. Radio systems have good range but open whenever the animal is within that range, even if the pet is sitting, sleeping or just wandering by.

The Roll Up doors directional ultrasonic system overcomes these problems. The pet worn ultrasonic collar emits a highly directional signal, which is received by the sensor/microphone only when your pet is directly facing the door opening. The unit is not likely to trigger if your pet is just wandering by.

Typically the ultrasonic signal is bounced off the ground in the direction in which your pet is facing. This means that surfaces which are highly reflective such as tile and linoleum will result in a longer working range than acoustically absorbent surfaces such as carpeting. Consult the **ADJUSTING RANGE CONTROLS** section for instructions on setting the desired opening range.

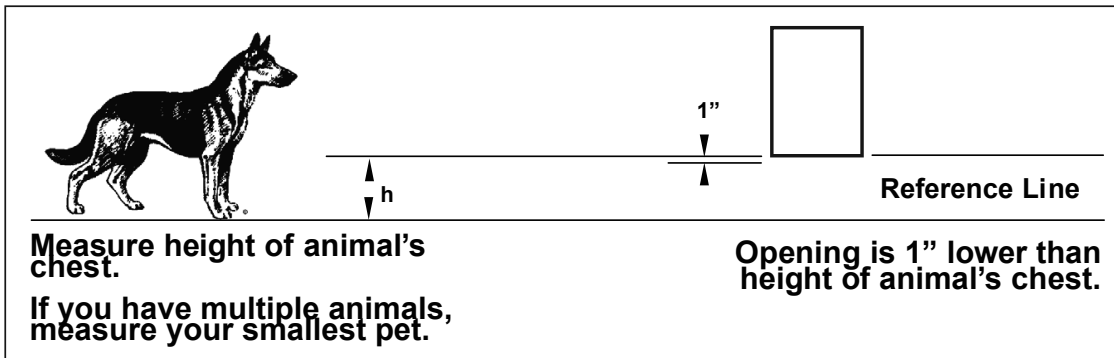
# INSTALLATION

## INSTALLING YOUR ROLL UP DOOR

Your Roll Up door mounts flush to any door or wall. The hardest part of installing the roll up door is cutting the hole/opening. If the unit is to be mounted in a door up to 1-3/4" thick, there is no framing necessary. The pre-made outer frame that came with your roll up door will provide a finished look to the opening. If you are installing your Roll Up door in a wall, it is advisable to build a frame around the opening or order our convenient ALUMINUM WALL TUNNEL. The hole dimensions given are for the finished opening not including the frame. Dimensions of the frame you build should be adding to the opening size to determine the final size of the hole you cut in your wall.



## POSITIONING THE OPENING ON THE DOOR OR WALL

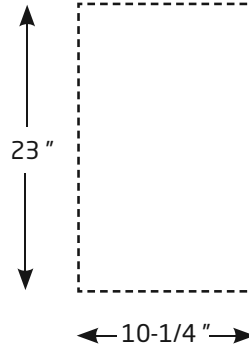


### CUT OUT DIMENSIONS :

(in inches)

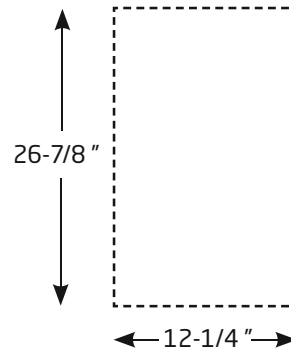
#### MODEL PXR-M

Size : Medium  
Width : 10-1/4 "   
Height : 23 "



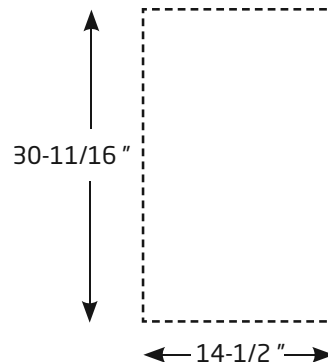
#### MODEL PXR-L

Size : Large  
Width : 12-1/4 "   
Height : 26-7/8 "



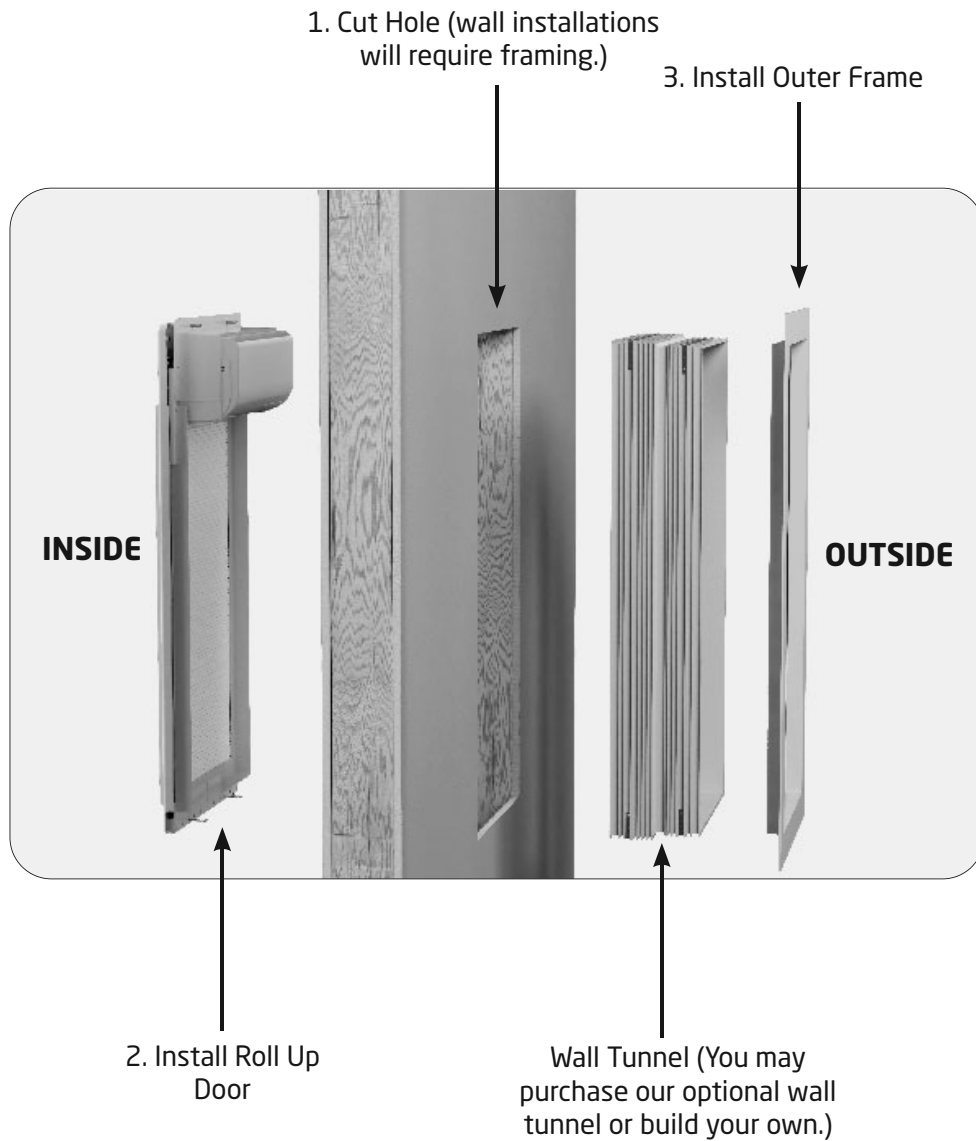
#### MODEL PXR-XL

Size : Extra Large  
Width : 14-1/2 "   
Height : 30-11/16 "



## INSTALLING YOUR ROLL UP DOOR

This is the easy part. Install the Roll Up door inside and outside frame as shown below.

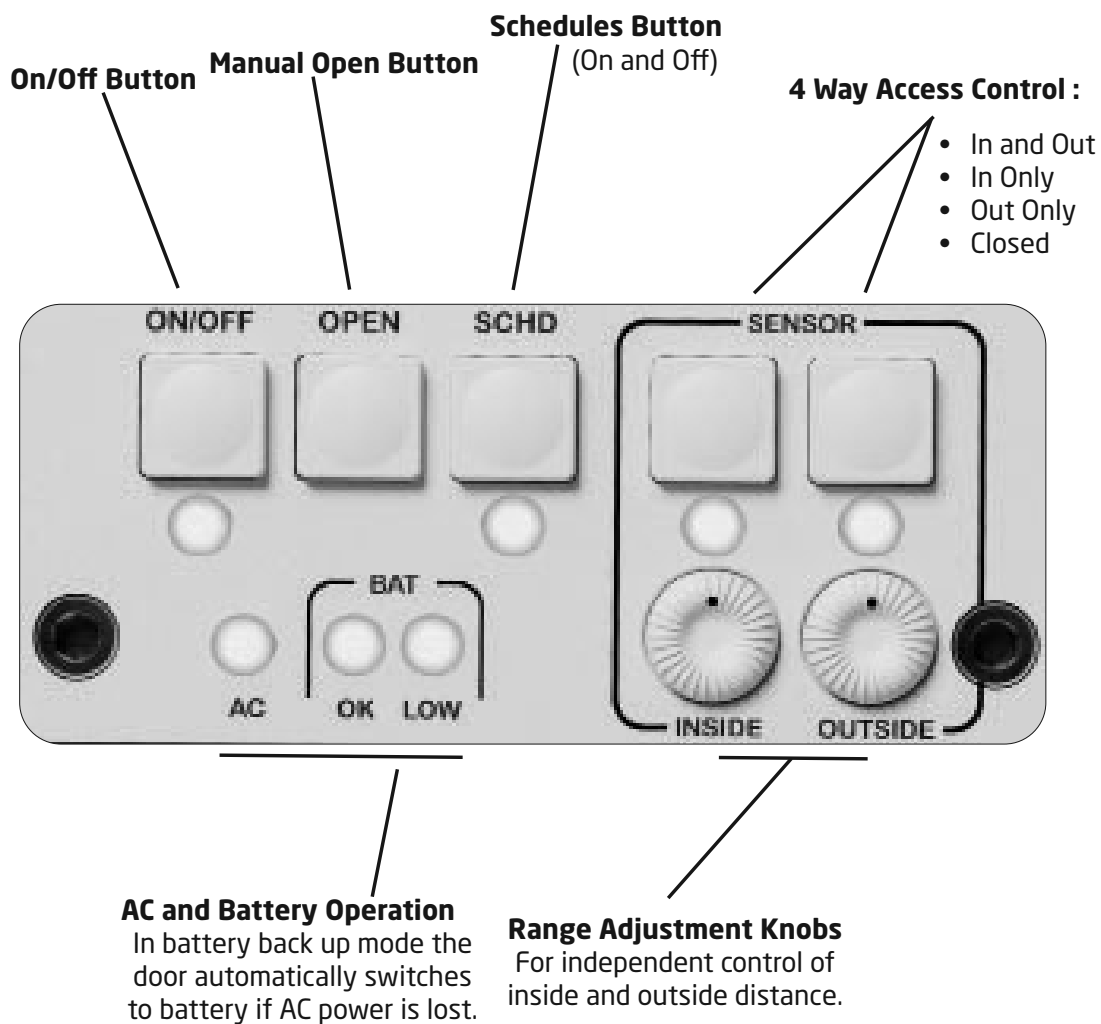


## INITIAL POWER UP / ON

Plug the AC Adapter into a nearby 110 Volt AC wall outlet. Plug the AC Adapter cord into the left or right side of your door into the power input jack on the inside frame.

**For a few seconds, press and hold** the control panel **ON/OFF** button to power up the door. Verify the AC light is illuminated. Then press the manual **OPEN** button and verify the door panel open and closes by itself as normal. **NOTE** : To turn the door **OFF**, press and hold the **ON/OFF** button for a few seconds until the control panel lights turn off.

## POWER PET ROLL UP DOOR CONTROL PANEL



## **BATTERY INSTALLATION**

To install the battery cartridge, align it in the opening. Then press the battery in until it clicks to mate it to the inside socket. When done the battery should be flush with the inside frame.

An installed battery is automatically charged whenever the AC Adapter is powering the door.

## **BATTERY STATUS INDICATORS**

The **OK** light is illuminated when the battery is more than one-third charged.

The **LOW** light illuminates when the battery is less than one-third charged.

## **ADVANCED FEATURES**

### **PET SAFE OPERATION**

The Power Pet Roll Up door is intrinsically safe. It uses an electric motor to lift the door panel. The panel remains open until the pet collar signal is gone, indicating that your pet is clear of the opening. Downward speed is reduced by an electronic brake applied to the reverse motion of the motor. The downward force of the motor itself will not harm your pet.

### **AUTO RETRACT FEATURE**

As an added safety feature, the Power Pet Roll Up door also has a sensing system that automatically raises the panel should it encounter an obstruction on the way down. This feature can be defeated in the unusual case that binding or other restriction slows the door closure to the point that it unnecessarily retracts. See the **AUTOMATIC SAFETY RETRACT** Section for more information.

## **POWER ON LOCKING FEATURE**

As long as your door is connected to a power source, then the door panel cannot be lifted. As an additional added security measure, your door comes equipped with a heavy duty security panel that slides and locks into place for added security.

## **FIRMWARE UPDATES / DOOR CALIBRATION**

Your door may prompt a firmware update if and when available, after this update has completed, your door will need to be re-calibrated, to do this, press and hold the **ON/OFF** and **OUTSIDE SENSOR** buttons down at the same time until the control panel lights flash once, then press the **OPEN** button, and the calibration process will complete after a few moments, the control panel lights will also flash during this process.

## **THREE DIFFERENT POWER CHOICES :**

Your new Power Pet Roll Up door may be operated in three different power modes as shown below.

**1. 110 volt AC Adapter wall outlet (Preferred) :** Your Roll Up door comes standard with a U.L. approved AC adapter. Plug the adapter into a nearby wall outlet for continuous operation.

**2. AC with battery back-up :** You may purchase an optional rechargeable battery for use along with your AC adapter. If your household electricity should ever fail, your Roll Up door will automatically switch over to battery operation. When power is restored, the AC adapter will automatically recharge your battery.

**3. Full Battery / No AC Operation :** When using only the optional battery your **door and WiFi functionality will last for 3 days**, this may vary upon a number of different factors.

**DUAL RANGE CONTROLS :** Individual range control to allow you to adjust different activation distances for inside and outside of your home. (Usually, its a good idea to use a short distance of a foot or two inside, and a longer 4 to 5 foot distance outside.) Your new Roll Up door gives you full control. **NOTE :** range markings on the door are not in units of distance, but rather in signal strength. Adjustment ranges from approximately 0 to 10 feet. When adjusting the dot mark on the knob itself, turning all the way to the left is decreasing the sensitivity, and all the way to the right is increasing the sensitivity.

## **ADJUSTING THE RANGE ADJUSTMENT KNOBS**

**When you first install the Roll Up door, pre-set both range controls one at a time - to the desired activation distance as follows :**

- Enable just the **INSIDE** and **OUTSIDE** sensor and set that range control to zero, or all the way to the left.
- Hold the collar at about your pet's height, pointing down toward the bottom of the door and at the desired activation distance from the door.
- Slowly increase that range control setting until the panel opens.
- Repeat this for the other sensor.
- Now put the collar on your pet and, if necessary, readjust the range settings slightly to achieve the desired opening distance.

### **DUAL SENSOR NOTES :**

Just as your hearing of a conversation can be overpowered by loud noises such as a lawn mower, the door sensors can also be overpowered by loud ultrasonic noises. Specifically some sprinklers, lawn mowers and vacuum cleaners can put out enough noise to temporarily mask the collar signal.

The Power Pet Roll Up door has a unique feature which indicates when the background noise level is too high. Whenever the INSIDE noise is too loud, the INSIDE sensor light will flicker or flash on. This means you may want to decrease the INSIDE sensor knob setting slightly.

Likewise, whenever the OUTSIDE sensor noise is too high, the OUTSIDE sensor light will flicker or flash on. This means you may want to decrease slightly the OUTSIDE sensor knob setting. A little flickering once in a while is normal. Continuous flickering or flashing means the range adjustment knob is set too high.

**4 WAY ACCESS CONTROL :** Individual activation buttons for the inside and outside sensors give you a 4-way access control system. You can allow your pet to come in but not go out, go out but not come in, come in and out, or close and lock the door altogether by turning them on and off.

**AUTOMATIC CLOSE CONTROL :** Your Power Pet Roll Up door features a smart sensing circuit that keeps the door panel open as long as it is receiving the signal from your pet's collar. Once your pet has moved completely through the opening, the panel closes.

**ADJUSTABLE HOLD UP TIME :** The door is held open for a short time to let the pet get fully through the door before it starts closing. Depending on the speed your pet moves, you may adjust the hold up time as follows :

INSIDE	OUTSIDE	TIME
•		2 SEC.
	•	4 SEC.
•	•	6 SEC.

a.  
b.  
c.



INSIDE

OUTSIDE

1. Press **ON/OFF** button to turn door off. With the door off proceed to step 2.
2. Press and hold **one or both sensor buttons** to select hold up time as shown above.

**a. Press and Hold just the "Inside" button**

**b. Press and Hold just the "Outside" button**

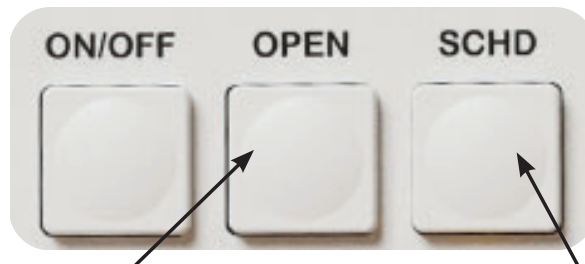
**c. Press and Hold both the "Inside" and "Outside" buttons**

3. While still holding one or both sensor buttons, press and hold the **SCHD** button for 3 seconds to save this "**HOLD UP TIME**," then release all buttons.
4. Press **ON/OFF** button to power the door on and then test the door.

For the Power Pet Roll Up door, the **hold up time** can also be adjusted in our phone app as well, please see our **WiFi Power Pet App User Guide** for more details.

**HOLD OPEN FEATURE :** A feature that was introduced in 2012 allows the door to be manually opened and stay open for any length of time.

If you wish to leave the door open for an extended time period, use the **hold open mode**. Press and hold the OPEN button, while holding the OPEN button press the SCHD button and then let go of both buttons. The door will HOLD OPEN.



A. Hold **OPEN** button

B. Press **SCHD** button

To return to normal operation and close the door - press just the **open** button.

## **AUTOMATIC SAFETY RETRACT :**

Your Power Pet Roll Up Door is designed to be safe for all pets and people including small children. When ever the door is closing, if there is an obstruction (caused by pet, person or object), the door will detect it and retry closing up to 10 times. After the final attempt it will stop at the position of the obstruction. Remove the object blocking the door from fully closing and then pres the OPEN button to reset the door.

## **DEFEATING THE AUTOMATIC SAFETY RETRACT :**

Under unusual conditions, such as a warped wall mounting, the door sometimes may close so slowly that the auto-retract feature triggers the door to re-open unnecessarily. In these cases it may be desirable to defeat the automatic safety retract feature. Do this by first pressing the **OFF** button to turn off the door controls and all the lights. Leave the door powered by the wall plug or battery when you do this. Then while holding down the manual **OPEN** button, press and release the **OUTSIDE SENSOR** button. The **OUTSIDE SENSOR** light will blink to indicate the feature has been disabled.

## **RE-ENABLING AUTOMATIC SAFETY RETRACT :**

Similarly you may enable the automatic safety retract feature at any time. Do this by first pressing the **OFF** button to turn off the door controls and all the lights. Leave the door powered by the wall plug or battery when you do this. Then while holding down the manual **OPEN** button, press and release the **INSIDE SENSOR** button. The **INSIDE** light will blink to indicate the feature has been enabled. When shipped from the factory, the automatic safety retract feature is enabled. After defeating or enabling the feature, press the power **ON** button to resume normal door operation.

## **DOOR JAM ERROR :**

In the event of a door jam, the Roll Up door will automatically try to return to the closed position, or as close as possible to it. Now proceed with **ONE** of the following : **press the On/Off button**, or **press the Open button**, or **you may trigger the door to open with a collar**, any one of these will then clear the jam/error, and it will return to the closed position. If for some reason your door does not fully close please contact High Tech Pet for assistance. We are here to help!  
Customer Service: 800-255-1279

## PET COLLAR OPERATING INSTRUCTIONS

Your Power Pet Roll Up door comes with a standard MS-5 ultrasonic transmitter collar. Each collar includes a battery **TEST** button which illuminates a **RED LED** when the battery is **OK**. If the LED fails to light, battery replacement is necessary.

**NOTE :** To energize the MS-5 collar, open the case, as shown in the battery replacement section on the next page, and pull out the PULL TAB. Discard the PULL TAB and close up the case.

### ADJUSTING THE STRAP

1. Fasten the collar around your pet's neck so that it fits comfortably. In most cases there will be excess strap length.
2. With a soft pencil or magic marker, mark the amount of strap to be removed leaving at least once inch past the plastic D-ring buckle.
3. Remove the collar from your pet and cut off the excess strap at the mark.
4. To avoid fraying carefully heat the cut end with an open flame to melt and fuse the material.
5. Re-fasten the collar around your pet's neck so that it hangs loosely and comfortably.

Your High Tech Pet MS-5 transmitter collar will operate for **3 months** on a single, easily replaceable battery.

Replacement MS-5 collar batteries, part number **B-3V1A**, and replacement MS-5 collar straps are available at [www.hightechpet.com](http://www.hightechpet.com).



## INSTALLING / REPLACING THE MS-5 BATTERY

1. Unscrew the battery cover located on back of MS-5 cover.



2. Pry back cover off at area shown in, "Pry Area" image.

### PRY AREA



\*Use a small flat-blade screwdriver or metal nail file

3. Remove MS-5 back and note the battery position. It's important that the battery label faces up and is visible.

**Non-label side of battery**



**Label side of battery**

**Silicone Gasket**



## INSTALLING / REPLACING THE MS-5 BATTERY

4. Remove and replace B3V1A battery.

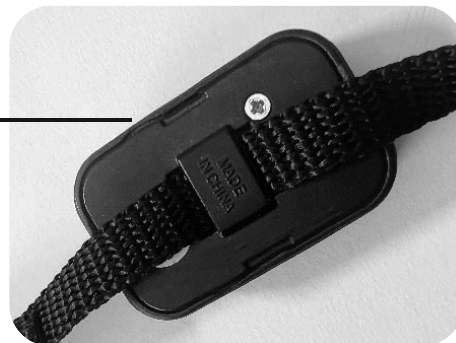


5. Close back cover. Press on back cover until bottom and top of back are flush with the front of the case.



6. Replace and tighten back screw.

**Flush Back Cover**



7. You are done!

## **MAINTAINING THE WATERPROOF SEAL FOR THE MS-5 COLLAR**

The waterproof seal will last for years if you keep the rubber gasket clean when replacing the battery. Here are some suggestions for extending the life of your collar.

- Clean the bottom edge of the collar before opening the case to replace a battery. Also thoroughly dry the collar before opening it. A blow dryer can be used.
- After opening the case, clean any visible dirt off the inside lip of the case and the gasket on the bottom cover. Finally blow off any remaining lint or fibers. Then insert the battery and close it up.
- Keep the inside of the collar dry. Each time you open it look for water or moisture inside. If detected, remove the battery and use a blow dryer on the circuit board.

## **TRAINING YOUR PET**

Training your pet to use its new Power Pet Roll Up door should be a relatively effortless task. Some pets may become startled by the sound and movement of the panel, but please be patient. Nearly every pet will soon be used to the Roll Up doors operation and learn to love using its own personal entry. We recommend that you lead your pet to the door and allow it to open several times to teach the animal the cause and effect relationship between pet and door. Then place a food reward or treat on the opposite side and lead the animal through the opening, allowing it to get the reward on the other side. Repeat several times. Before too long your pet will get the idea. If your pet doesn't get it in one sitting, remain patient and let your pet just walk around on its own for awhile. It won't take too much more time for your pet to realize the Roll Up door opens whenever the pet comes its way. One of the most frequent comments we hear from Roll Up door owners is how much their pets love using their Roll Up door. We are sure your pet will feel the same!

## **REPLACEMENT PARTS**

Over the years, you may need to replace damaged or worn out parts. For customers with the mechanical skills to refurbish themselves, we offer many replacement parts on our website at [www.hightechpet.com](http://www.hightechpet.com) along with do it yourself instructions.

## **MANY CONVENIENT ACCESSORIES!**

We have a great set of options to make your Power Pet Roll Up door the most versatile pet door you'll find.

### **EXTRA PET COLLARS :**

(Compatible with **ALL** Power Pet door models.)

#### **Model MS-5 Ultrasonic Transmitter Collar**



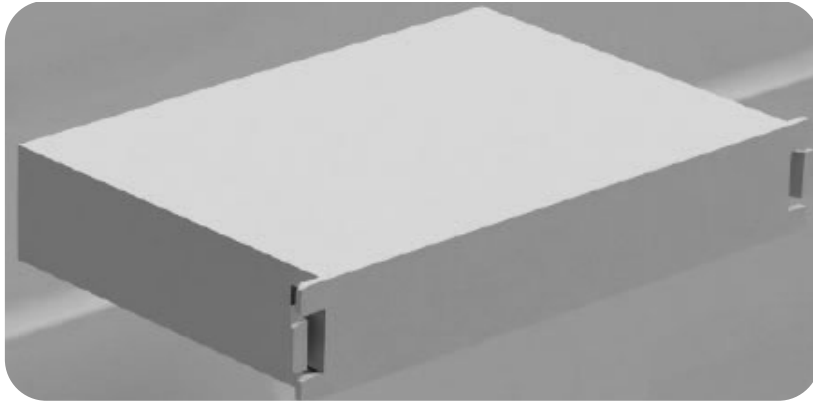
#### **MS-5 Deluxe Collar with Strap and Boot**



#### **Model RX-10 Multi-Function Rechargeable Collar**

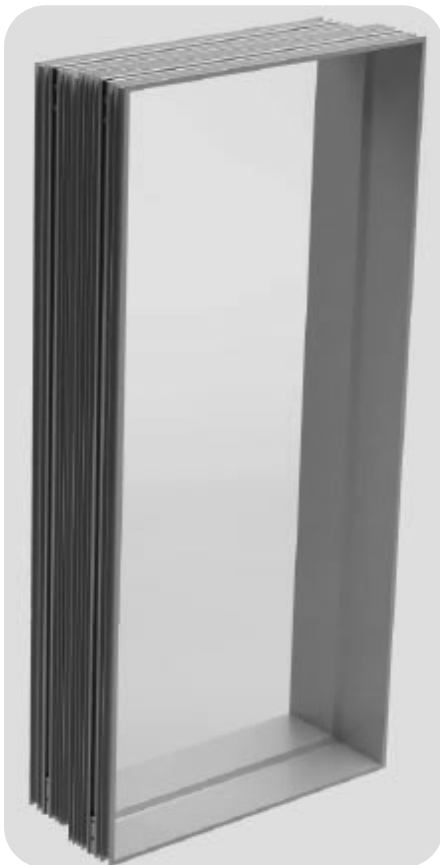


## **POWER PET ROLL UP DOOR ACCESSORIES :**



### **RECHARGEABLE POWER PET ROLL UP DOOR BATTERY**

Install this heavy duty 12 volt lithium ion rechargeable battery into your Power Pet Roll Up door to provide back up power in case of an AC power failure. Provides approximately 2000 openings to let your pet in or out until power returns. Automatically recharges in your door when plugged into AC power.



### **POWER PET ROLL UP DOOR ALUMINUM WALL TUNNEL**

Install your Power Pet Roll Up door on any wall in one easy step with our convenient all aluminum wall adapter tunnel accessory which extends the passageway and provides a sealed professional installation. It fits snugly into the Power Pet Roll Up Door main frame on one side of the wall, and the outside frame on the other side. Works with walls from 4" to 6" inches thick.

NOTES :

# Help is right here!

We've got you. For general questions  
and technical support call us at :

**1-800-255-1279**

Monday - Friday 6:30 am - 4:00 pm  
Pacific Standard Time



## CAUTION :

As with any pet door, supervision of your pet at all times is advised. Failure to do so could result in harm to your pet. Please be sure provide proper accommodations indoors and outdoors as needed in the rare event that your pet door were to malfunction, along with a contingency plan.



## High Tech Pet Products, Inc.

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