

INNOTEK®
Quicker Training. Better Dogs.
ULTRASMART



INNOTEK® UltraSmart™
Ergo-Grip Remote Trainer

IUT-1000 & IUT-1002



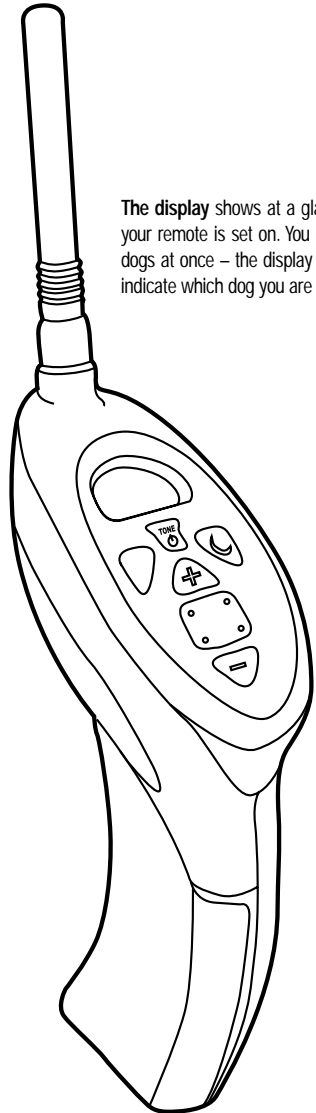
INNOTEK®, Inc.
1-800-826-5527
www.innotek.net

03/05 rev.2

2100279-2

About Your INNOTEK® UltraSmart™ Remote Trainer

Now you can experience the difference a remote trainer can make. Spend less time training your dog. INNOTEK® training products have just the right touch, right when you need it. Innotek is the quicker way to a better-behaved dog.



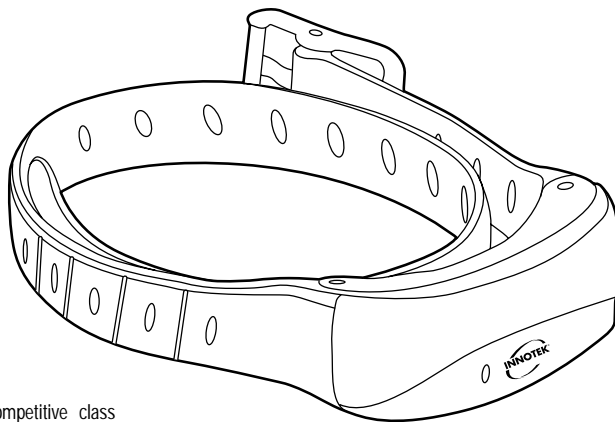
The display shows at a glance which level your remote is set on. You can even train 2 dogs at once – the display shows 1 or 2 to indicate which dog you are controlling.

Collar charging station plugs into any 110 v wall outlet. The collar fits in the cradle and charges the collar in just 2-3 hours. It's an attractive unit designed for use in your home.



You MUST charge collar for 3 hours prior to first use.

The UltraSmart collar has been designed by professionals to offer optimal training stimulation in a sleek, low profile design. The collar is packed with features including PerfectFit™, an indication that the collar is fitted properly to your dog.



Important: Never leave the collar on the dog for more than 12 consecutive hours. See "Important Advice", page 5.

This ergo-grip handheld remote offers competitive class functionality. This breakthrough design helps you take charge of your dog's training with a comfortable, non-slip grip. Easy-to-feel buttons give you confident control of stimulation levels 1 through 15. You choose momentary or continuous pulse stimulation. There's even a boost function for when you need a little more persuasion with the press of a single button. The remote signals the electronic collar to produce a harmless yet effective stimulation or tone.

Quick Start Guide

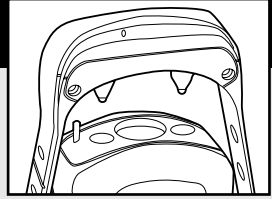
IUT-1000 & IUT-1002

Follow Page Numbers for Detailed Instructions

Step 1 Power up





Remote: Insert 9v alkaline battery in the handheld remote. Replace access panel.

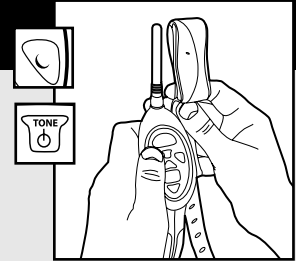
Collar: Charge the collar on the charging station. The light on the collar will glow red while charging; green when fully charged.




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Step 2 Turning the collar ON and OFF

- Press the  button on the remote once or twice until  is highlighted in the display.
- Hold the collar one inch from the remote, taking care not to touch the metal contact points that touch your dog's skin.
- Press the  button. The collar will emit a start-up tone, and the light will glow solid green.
- To turn collar OFF, hold collar and remote one inch apart and press the  button. The collar will emit a shut-down tone, and the light will glow solid red, then go out.





Page 2

NOTE: IUT-1002 users, repeat the procedure with the second collar and the remote set to .

This ON/OFF command only works when remote and collar are in close proximity; it will not work at a distance. Never turn the unit ON/OFF while your dog is wearing the collar. Never change preset functions while your dog is wearing the collar.

Optional Step 3 PerfectFit™

When turning the collar ON, hold the  button for 3 seconds. The collar will go into PerfectFit™ mode. The collar will emit a click tone as the contacts touch your dog's skin. A proper fit will be acknowledged with 5 consecutive click tones.

To skip the PerfectFit™ test, just turn the collar ON by pressing the  button less than 3 seconds. The collar will function normally, bypassing the PerfectFit™ test.

Step 4 Adjust the collar

Cinch the collar around your dog's neck to find the proper fit. The collar fit should be snug, yet loose enough to allow one finger to fit between the strap and the dog's neck. Fit is important because a loose collar may cause inconsistent performance.



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INNOTEK® UltraSmart™
Ergo-Grip Remote Trainer
Models IUT-1000 & IUT-1002

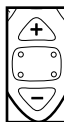
Understanding the Remote

The handheld device signals the collar to produce a harmless, yet effective stimulation or tone. The competition class grip feels comfortable in your hand for extended periods of training time. The remote is waterproof. It operates on a replaceable 9v alkaline battery.



Remote Buttons:

STIMULATION (red central button) – sends stimulation signal to the collar at the intensity shown in the display window. Button features four raised bumps, one at each corner, to easily locate by touch.



Level UP (+) & Level DOWN (-) – adjusts the stimulation intensity through a range of levels. From Low-1 to High-15.

TONE (center green button) – Produces a training tone from the collar. No stimulation is delivered. See “tone option”, page 3. Button is also used to turn the collar on/off.

Dog1/Dog2 (right side button) – Switches remote controls from Collar 1 to Collar 2, great when training two dogs. IUT-1002 users receive two collars in their system; IUT-1000 users can purchase a second accessory collar to expand their system to train two dogs.

Boost/Momentary (left side red button) – You can program this preset button to one of two options: Momentary Stimulation or Boost Stimulation. See “Presets” section, next page.

Antenna – The antenna helps transmit the signal to the collar. The competitive class remote holds the antenna away from your body. Take care not to cover or shield the antenna with your body or hand or you may see a reduction in transmission range. For range up to one-half mile, the longer antenna is required. For use in shorter range situations, use the shorter antenna.

Digital Display:

Level of stimulation – Adjust with up/down arrows. The large digits show stimulation level from Low-1 to High-15.

Collar 1 or Collar 2 active – Adjust by pressing button to move between dogs. Pressing the stimulation button will send a correction command to the collar indicated on the display. The active collar icon will display at the bottom of the windows.

Momentary or +2 Boost active – Shows whether the preset button is set to Momentary pulse (“M”) or to a “boost” level that is two levels higher than the continuous level you have set (“+2”). See “Presets” section.

TONE – This symbol shows when the tone button is pressed

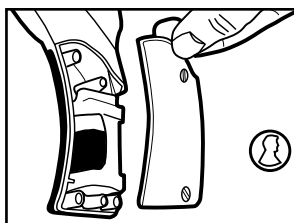
LO BAT – This “low battery” indicator appears when the remote battery needs to be replaced.

PROG – This symbol appears when the remote is in programming mode.

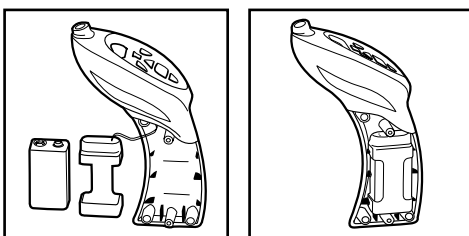
The digital display also features backlighting. This display will be illuminated for a few seconds after any button press. The digits will stay ON, only going OFF 30 minutes after the last button press.

Power Up

Remove the battery access door by unscrewing it with the edge of a small coin. Attach the 9v battery to the wire harness, ensuring proper +/- polarity. Replace the assembly in the handle of the remote, and replace the battery door. Take care that wires are not trapped in the seam around the door. Tighten the door by screwing down with the coin.



Remove battery door with screwdriver or coin



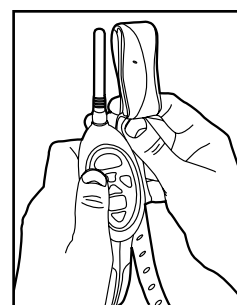
The 9v battery fits into a protective boot for greater waterproofness. Carefully fold assembly into remote handle.

Your IUT-1000/1002 remote runs on a standard 9v alkaline battery. These are commonly available where you bought your system or where batteries are sold. You may also elect to use rechargeable nickel metal hydride (NiMH) batteries, which can be recharged using commonly available recharging systems.

The remote is waterproof, though submersion is not recommended.

ON/OFF

To turn the collar on or off, hold the collar within one inch of the remote antenna, taking care not to touch the metal contacts that touch your dog’s skin. Press the button. The collar will emit a start-up tone, and the light will glow solid green.



This on/off command only works when remote and collar are in close proximity; it will not work at a distance. Never turn the unit on/off while your dog is wearing the collar.

About Stimulation

We recommend that you always start training your dog with the lowest stimulation, and increase to a higher level if necessary. You will know when you’ve reached the right level when your dog responds by twitching his head, neck or shoulders or by perking up his ears. If the dog vocalizes, you need to go to a lower level.

You control the length of the stimulation by the time you press the button. For a short stimulation, press and release the button. For a longer stimulation, hold the button down. A maximum of 10 seconds may be applied before the safety feature to prevent over-correction engages. After 10 seconds, stimulation will be locked out for another 10 seconds.

PRESETS

Your remote features a preset button that you can set to deliver an alternate form of stimulation other than continuous. Choose between:

Momentary – a press of the button sends a single fraction-of-a-second pulse that serves as a minimal distraction to the dog.

+2 Boost – a press of the button sends a signal to the collar to issue a correction that is 2 levels higher than the currently selected level. For example, if the stimulation level is set at Level 2, a touch of the Boost control will correct at Level 4. Some trainers like instant access to a higher setting for circumstances where the dog may not respond to lower levels, such as around high distraction. The system will not correct higher than level 15.

The remote ships to you with the button set to Momentary. To change your preset button:

IMPORTANT: Never change preset functions while your dog is wearing the collar.

1. Press and the button together at the same time. The **PROG** legend in the display will begin to flash.
2. Press the red preset button a time or two to switch between Momentary or Boost.
3. When your selection is displayed, exit by pressing the down arrow.

Tone option

The button sounds a tone in the collar. No stimulation is delivered when this button is pressed. The tone continues for as long as the button is held down. Tones can help strengthen a dog’s response to training. Tones can be used as a warning tone prior to pressing the stimulation button; or can be a reward tone when presented with a praise, play, or food for good behavior.

The use of training tone is optional. Its use varies between popular training methods. Whether the tone will mean reward or warning to your dog is up to the training method you choose. Remember: the one training tone CANNOT be both a warning and a reward.

To learn more about tone training, consult a qualified canine training professional.

Low Battery Indicator

Your remote will tell you when the battery is low. Your remote will continue to function following the first sign of low battery. Replace with one 9v alkaline battery as soon as possible.

Note: Cold temperatures may lead to premature low battery signal.

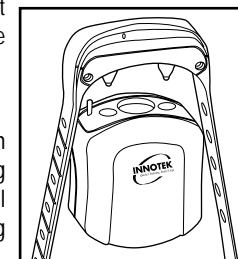
Understanding the Collar

The lightweight, comfortable electronic collar is integrated into a sleek fashionable collar strap your dog wears. The collar produces a harmless yet effective stimulation and emits a training tone. The collar is waterproof and is safe for your dog to wear even while swimming. The collar is rechargeable; the collar’s light glows red while charging and green once charging is complete.

The collar uses a light to let you know its status. See table on page 4.

Charging the Collar

The collar charging station has been designed to plug into a standard 110 v wall outlet and act as a charging stand for your collar.



Plug in the wall charger. Position the collar in the charging cradle. The collar fits in the cradle with the contacts facing down through the holes in the case. A built-in safety circuit prevents the unit from overcharging. The collar's light glows red when the collar is properly seated and charging; it will turn green when charging is complete.

The collar will achieve a full charge in 2-3 hours. Each can charge can last up to 100 hours of continuous use.


Battery Caution: Do not charge your collar every night. Frequent charging can have a negative effect on your collar's battery. We recommend the collar be used until the collar light blinks red.


ReadyTest™ feature

When you remove the collar from the charging cradle, the unit will automatically go into self-test mode for about 8 seconds. The collar's internal diagnostics will check that the battery charge is full and that all circuits are working correctly. Do not touch the metal contacts during this test. ReadyTest™ gives you added confidence that your containment collar is working and ready to go.

If Continuous Red – If the ReadyTest™ self-test fails, the unit will tone and the LED will glow solid red for 20 seconds. Replace in the charger for 5 seconds, then remove. Do not touch the metal contacts. If the unit continues to fail, call us at 1-800-826-5527.

PerfectFit™ Test for Skin Contact

When turning the collar ON, hold the  button for 3 seconds. The collar will go into PerfectFit™ mode. The collar will emit a click tone as the contacts touch your dog's skin. A proper fit will be acknowledged with 5 consecutive click tones.

To skip the PerfectFit™ test, just turn the collar ON by pressing the  button less than 3 seconds. The collar will function normally, bypassing the PerfectFit™ test.

Fitting the Collar



The collar strap should fit snugly towards the top of your dog's neck with the collar unit on the bottom of the neck. Check that the INNOTEK® logo is right side up. You should be able to get one finger between the collar strap and your dog's neck. The contacts must make contact with the dog's skin for proper operation. A little hair thinning may be required. Do not shave your dog's neck.





Occasionally, check the tightness of the contacts to ensure they will not be lost from the collar. Lost components are not covered under your warranty.

Trim excess strap along the diagonal score marks. You'll want to leave about 2 inches of excess strap. Note if your dog is young and you expect him/her to grow, you'll want to leave extra strap to adjust the collar fastening. Replacement straps are available. Call us at 1-800-826-5527.

About 2 dog systems

If you purchased the IUT-1002, your system came complete with two collars. Take the first collar, set your remote to  and turn it on with the  button.

Set it down, then take the second collar, set your remote to  and turn it on. The remote will send a signal to whichever collar is highlighted in the remote display window. To switch between collars, press the  button.

If you purchased the IUT-1000 system, and wish to add another collar, accessory collars are available where you bought your training system, or call us at 1-800-826-5527.

Collar Status Indicators

Status Light	Tone	Condition
Pulsating Green	Duration of Tone button press	Tone only – no stimulation
Pulsating Red	No tone	Stimulation being delivered
Continuous Green	No tone	Over-stimulation warning; collar locked for 10 sec.
Blinking Green	No tone	Collar battery 60% strength or better
Blinking Amber	No tone	Collar battery 60-20% strength
Blinking Red	No tone	Collar battery less than 20% strength; charge immediately
<i>After Removing From Charger</i>		
Continuous red for 3 seconds; no light for 1 second	No tone	Self-test in progress
Continuous Green/Amber/Red	No Tone	Battery strength (see above)
Continuous Red	20 sec	Self-test failure; unit is not operational
<i>While on Charger</i>		
Solid Red	No Tone	Charge in progress
Solid Green	No Tone	Charge complete
No Light		Charge failure
<i>After Turning Collar ON in Perfect® mode</i>		
Blinking Amber	No Tone	Unit is in PerfectFit® mode 90 sec. after turning on
Blinking Green	Click; 5 consecutive clicks for confirmed fit	PerfectFit® mode indicates collar is making true contact with dog's skin

Testing the Collar

You may wish to test the collar from time to time. To test:

- Hold the test light provided across the collar's contacts
- Press the stimulation button on the remote
- The test light will illuminate.
- The intensity of the test light will increase as the level increases.

Replacement Batteries:

Your remote uses a 9-volt alkaline battery, or a rechargeable nickel metal hydride (NiMH) battery. These are commonly available where you bought your training system, where batteries are sold, or call to order direct from us at 1-800-826-5527.

Operating Range

Your remote communicates with your pet's collar via a radio signal. A variety of factors may affect your system's operating range, positively or negatively. These include weather, terrain, vegetation, proximity to metal structures including buildings and fences, and other factors. Some things like outside radio interference and emissions will diminish your range.

For best results at maximum distance, keep your fingers away from the antenna. Hold the transmitter upright, above eye-level, and away from your body.

Compliance with US FCC and European Telecommunications Regulations

This INNOTEK® Remote Training System is designed to meet worldwide requirements for telecommunications compliance. This system contains both receiver and transmitter devices. In the US, each transmitter device complies with Part 95 and/or Part 15 of the FCC rules; each receiver device complies with Part 15 of the FCC rules.

Each device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Each device may display indications as to where this system is compliant worldwide. Note that in some countries, the use of this INNOTEK® Remote Training System may be limited due to national frequency planning requirements, and the user is always responsible for respecting national and local rules before operating.

Training Tips

Watch the included DVD to get the basics for training your dog properly with a remote trainer.

We recommend your dog be at least six months old before starting a remote training program.

Always praise your dog for good behavior!

Teach him what the commands mean before introducing the collar as a reinforcement tool.

Keep training sessions brief, about ten minutes of training and then a rest or play period of at least equal length.

Dogs learn through repetition. You may have better training success if you can elicit an undesired behavior when you can anticipate it. For example, if the dog misbehaves and jumps on visitors, have someone come in and out of the front door several times over a half-hour period. You'll be expecting it and will be ready to teach your dog the right behavior.

Always end a training session on a positive note. Let the dog have success. This way he'll look forward to the next session.

Training should be fun for both you and your dog. Never train when you are angry. If you get frustrated during training, stop and come back to it later. Your dog will learn better when you are both relaxed.

The goal of training is to condition your dog to respond to your verbal commands under all situations. You should plan on using the collar for at least four months. A good rule is, once started with a remote trainer, to regularly have the collar on when you take the dog out. This will ensure that he will always be imprinted with the correct response to your commands and that you are always in control.

Take advantage of the FREE Professional Training Support that comes with your INNOTEK® remote trainer purchase.

Register Your Product:

Your product can be registered on our website at www.innotek.net

Troubleshooting

If the collar appears not to be working, try the following:

- Adjust the collar strap to fit.
- Test the collar. If no light, replace the battery.
- If the remote display is out, replace the remote battery.
- Turn on the components as shown in the Quick Start Guide.
- Check that the dermal contacts are tightened
- Ensure that the contacts are touching the dog's skin.
- If necessary, trim the dog's hair or use the longer contacts to ensure proper skin contact. Never shave the dog's neck.
- Try a stronger stimulation level.

If you cannot solve the problem by following these steps, please call 1-800-826-5527.

IMPORTANT ADVICE

1. Read the complete instructions and follow all directions. If you have any questions, please call 1-800-826-5527.
2. This device is intended for use only on dogs. Never attempt to use it for any purpose not described in this manual.
3. Keep out of the reach of children
4. Never perform set-up procedures while the collar is on your dog.
5. Any collar worn for extended periods can cause a condition similar to bedsores, known as Pressure Necrosis. To reduce the possibility, you must do the following:
 - Never leave the collar on the dog for more than 12 consecutive hours.
 - Examine the dog's neck daily for any signs of a rash or a sore.
 - Supervise your dog during the first 2 days of training.
 - Check the fit to prevent excessive pressure; you should be able to insert one finger between the collar strap and your dog's skin.
 - Wash the dog's neck area and the probes of the collar weekly with a washcloth and mild hand soap; rinse thoroughly.
 - If the condition persists beyond 24 hours, see your veterinarian.
6. Metal tags and collars should be removed when using the remote training collar as they may interfere with proper operation.
7. Do not attempt to dismantle or repair any components of this system; doing so will void the warranty in full. The computerized circuitry should be serviced only by an authorized expert.
8. Realize that because dogs have unique temperaments, there is no way of knowing how your dog will react to the introduction of a remote training collar system. For the safety of your dog, a long lead should be used during initial training so you have control of the situation.
9. If you have reason to believe that your dog may pose a danger to others, harm itself, or react adversely to the collar, do not rely solely on this product to train your

dog. If your dog shows signs of growling, snarling or biting while using the collar, stop immediately. Aggression in dogs has many causes. We recommend that you consult a knowledgeable professional dog trainer or animal behaviorist who has experience with aggressive dogs if your dog has shown any of these characteristics.

10. Occasionally, a dog cannot be trained to respond to a remote training collar. Sometimes even a properly trained dog may disobey a command. Therefore, Invisible Technologies, its distributors, and dealers cannot guarantee that the system will in all cases keep the customer's animal from disobeying commands.

FREE Professional Training Support

Additional behavior or training issues? Looking for the best way to get a well-behaved dog? Just call our FREE Professional Training Support hotline at

1-800-364-3362

U.S. Patent No. 6,184,790; 6,459,378; 6,807,720, and D417,835

We care. Call us first.

LIMITED LIFETIME WARRANTY

Invisible Technologies™, Inc., warrants to the original retail purchaser, that INNOTEK® brand products will be free from defects in material and workmanship, under normal use, for a period of one year from the date of the original retail purchase. This Limited Warranty excludes: accidental damage due to dog chews; lightning damage where an INNOTEK® lightning protection component is not in use (in-ground pet fencing systems); or neglect, alteration and misuse.

Invisible Technologies™ offers several product exchange options during the warranty period. If service is required, call 1-800-826-5527 to discuss the service plan that best serves your needs. Costs are dependent on the processing time and the desired shipping options. Please do not return this product to your retailer.

After one year from date of original retail purchase, we will repair, replace or upgrade your product at a fixed rate based on the component.

Invisible Technologies™, Inc., shall not be liable or responsible for any incidental or consequential damages resulting from the use of the product or caused by any defect, failure or malfunction of the product, whether a claim is based upon warranty, contract, negligence or otherwise.

Training Notes:



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