

IUC-5100

Deluxe Rechargeable Contain 'N' Train In-ground Pet Fencing System With Fastrak wire and Lightning Protection

1. Set Up Handheld Transmitter: Remove battery door and install 12 volt alkaline battery
(Requires small standard screwdriver or small coin)
2. Training Stimulation: Press the collar select button to select collar 1
Press the ↑ to increase the stimulation level
Press the ↓ to decrease the stimulation level
3. Set up Collar Place collar on charge station for 2-3 hours
(Collar fits in the cradle with the contacts facing down through the holes in the case. Innotek logo facing out).
The collar's light will glow red when collar is properly seated and charging.
The collar light will then turn green when charging is complete.
4. Training mode On/Off: Press the collar select button to select collar 1
Hold the side of the remote to the side of the collar, opposite the Logo.
Press and hold the tone button.
The collar will emit a tone and the light will glow solid green when turning On or solid red when turning Off.

**When using a 2nd collar, repeat steps 2-4 selecting collar 2 on remote before turning 2nd collar on.

**** (When using 2nd collar make sure collars are at least 2 ft apart)****

****Note: System will be synchronized every time the collar is turned on****

5. Perfect Fit Test:
(initiating with remote) Before placing collar on dog, turn the collar on and continue to hold the tone button for 3 seconds.
The collar will emit a long tone indicating Perfect Fit mode has started.
When collar is properly fitted on dog, 5 consecutive click tones will be emitted.
Collar is now ready for use

To skip the Perfect Fit test, just turn the collar ON by pressing the tone button less than 3 seconds. The collar will function normally, bypassing the Perfect Fit test.*

**** Note: fit test emits a slight stimulation pulse, almost imperceptible. It's less than one-quarter of a level 1 stimulation**

Adapter: 24v <400 mAmps AC Only
Adapter is good if there is a light on the wall transmitter
Connection is made inside the transmitter

Alarm Volume: Audible alarm volume can be adjusted by this dial
(Minimum setting is low volume; it does not silence the alarm)

Batteries: Handheld Transmitter uses 12 volt alkaline batteries,
Battery life = 24hrs Min.

Battery Backup: Containment Transmitter. Can be battery backup powered by 8 AA alkaline batteries (not incl.)
When operating under backup power, there will be no light on transmitter and a tone will sound every 5 seconds. (Battery Backup Monitor must be ON.) Battery life = up to 40 hours

Battery Backup Monitor: Slide switch can be set to On or Off.
Used to turn off alarm if backup batteries are not used.

Charge: A full charge takes 2-3 hours and lasts (1-3 months containment) (up to 100hrs training mode) depending on use.
Place collar on charge station for 2-3 hours
(Collar fits in the cradle with the contacts facing down through the holes in the case).
The collar's light will glow red when collar is properly seated and charging.
The collar light will then turn green when charging is complete.

Charge Reminder: Is not used with this system

Charging Station: IUA-005 Ultra Collar Charging Station

Collar: IUC-5225 Rechargeable Lithium Ion battery and waterproof
Collar measures 1.25" wide X 2.75" long X 0.75" thick and weighs 4.0 oz with strap.
Blue polyurethane strap (RK-22) Circumference ranges 8-24 inches.

Collar Lights and Tones:

Status Light	Tones	Condition
Pulsating Green	Duration of tone button pressed in training, or warning tone on containment	Tone only –no stimulation Warning tone on Low or Med
Pulsating Red	Duration of the stimulation In either mode	Stimulation being delivered (up to 10 seconds)
Continuous Green	No Tone in either mode	Over stimulation warning; collar locked for 10 secs. (containment or training)
Single Blinking Green	No Tone, Contain Only	Collar battery 60% strength or better
Dual Blinking Green	No Tone, Contain & Train	
Blinking Amber	No Tone	Collar battery 60-20% strength
Blinking Red	No Tone	Collar battery less than 20% strength; charge immediately
No light	No tone	Collar is completely discharged or Stimulation locked out <u>after</u> 3 cycles of stim/off (containment-resets to blinking green when collar goes back into safe zone)
<i>After removing collar from charger</i>		
Continuous Red for 3 secs., give charge status light (see above) then blink amber	No Tone	Self-test/ReadyTest in progress, Passed Self-test
Continuous Red	With Tone (20 secs.)	Self-test (ready test) failure; unit is not operational
Blinking Amber	No Tone	Collar is in PerfectFit mode for 90 secs. After charging
Blinking Green	Will Click; 5 consecutive clicks for confirmed fit.	PerfectFit mode indicates collar is making true contact with dog's skin
<i>While on charger</i>		
Solid Red	No Tone	Charge in progress
Solid Green	No Tone	Charge complete
No light	No Tone	Charge failure

Frequency: 8.192 kHz

Field Size: Slide switch = Large Installations using 1000+ feet of wire
Slide switch = Small Installations using less than 1000 feet of wire

Field Width Adjustment: Dialed inside transmitter
Customer must test signal field after making any adjustments.
**** Field width may be reduced when operating on backup batteries**

LP-4100-1: Included for additional lightning protection
Transmitter carries a 1-year mfr warranty even with the LP-4100-1 installed
Transmitter is not covered for lightning or power surge unless LP-4100-1 is installed

- Mismatch: Will work with other Innotek containment only components operating on 8.192 kHz
It is also compatible with a ZONES transmitter. May need IUA-005 to charge collar if adding to existing system.
- Perfect Fit (off charger) Remove collar from charging station. Collar light will glow for about 3 seconds.
Do not touch the probes during this period. **Note:** light will glow red during self-test, and then go either Green/Amber/or Red, depending on battery strength.
- After about 5 seconds, collar light will begin to flash amber (in PerfectFit mode). Place collar on dog. When collar is properly fitted on dog, the light will start flashing green and 5 consecutive click tones will be emitted. Collar is now ready for use.
- (initiating with remote) Before placing collar on dog, turn the collar on and continue to hold the tone button for 3 seconds.
The collar will emit a long tone indicating Perfect Fit mode has started.
When collar is properly fitted on dog, 5 consecutive click tones will be emitted.
Collar is now ready for use
- Note:** fit test emits a slight stimulation pulse, almost imperceptible. It's less than one-quarter of a level 1 stimulation.
- To skip the PerfectFit test, either **1)** wait 90 seconds after removing from charger or **2)** only pressing tone button quickly in training **3)** touch to your skin for 5 clicks before putting on dog.
- Power: Slide switch can be set to On or Off
- Probes: Comes with Black plastic acorn nuts deliver no stimulation. Also comes with a set of short and long coated probes
Short probes are .40 or 4/10 of an inch. Long probes are .60 or 6/10 of an inch
Available in the RK-23
- Range: Powered for up to 25 acres in containment, Up to 150 yards in training.
- Splices: Wire nuts placed in waterproof gel-filled capsules (RK-15 = 6 splice kit)
- Stimulation:
- Containment: Adjustable in transmitter with increase to the run-through as dog approaches the wire. Slide switch inside transmitter can be set to Low, Medium or High. The run-through prevention is more intense than High. Maximum stimulation is 10 seconds, off 10 seconds; maximum of 3 on-off cycles
 - Remote training: Programmable, 9 levels, Displayed on transmitter
Over-Stimulation protection = 10 second lock-out period after 10 seconds of stim.

Transmitter (handheld) Buttons:

- Red central button = offers continuous stimulation
- + or – button = adjust stimulation levels from 1-9
- Green Tone button = offers tone only, no stim. Also used to turn collar on/off
- Collar select button = switches remote control from collar 1 to collar 2
- Boost button = boosts stim by 2 levels while holding down button

- Transmitter (handheld) Display:
- Lower Left side = Dog 1 collar selected
 - Lower right side = Dog 2 collar selected
 - Center number = Correction level for selected dog
 - Flashing "L" = Low battery indicator
 - **Note: cold temperatures may lead to premature low batt indication.**
 - Blank = Display blanks 30 minutes after the last button is pressed.

Transmitter (wall): weather resistant
 --uses the 24 volt AC adapter

Containment Transmitter Lights and Alarms:

Light	Alarm Tone	Condition
Solid Green	None	Power on / System ok
Flashing Red	Tone twice per second	Wire break or disconnect
Flashing Yellow	Tone once per second	Backup batteries low (Backup battery reminder switch must be ON.)
Flashing Red and Green	Three one-second reminder tones every minute	Receiver recharge reminder This is not used with this system. Turn reminder switch off.
No light	Tone once every 5 seconds	Power disconnected – operating on backup batteries.
No light	None	Transmitter is off or power is disconnected.

2200008-1: DVD - How to Use, 4 in 1

Warranty: Lightning Protector supplied with system has a 1 year warranty
Transmitter is not covered for lightning or power surge unless LP-4100-1 is installed

Wire: Comes with 500 feet of 20 gauge wire for direct burial - green insulation
 Comes with 100 feet of Fastrak wire

Wire Terminals: Connection is made inside the transmitter

IUC-5100 Containment Troubleshooting Tips

Dog does not "feel" stimulation:	Check collar tightness, Check probes Remove metal tags and collars Check charge on collar Verify that the transmitter is on Increase stimulation level Perform Ready test and Perfect Fit test
Dog runs through:	Check collar tightness, Perform Perfect Fit test, check probes Increase stimulation level Increase field width More training is needed
Signal is intermittent:	Used non-waterproof connections in boundary wire Do test loop. If signal is consistent on test loop → Check for nick or scrape in wire insulation (RF Choke)
Dog afraid of yard:	Reduce stimulation level Restore dog's personality and try training at another time
Stimulations in safe zone: (high range)	Decrease field width Change field size switch to SM Check for buried cables or metal in yard Move wall transmitter away from electrical appliances
Stimulations in house:	Remove the collar when dog is in house Move boundary wire farther from the house Move transmitter away from dog's indoor area
Transmitter is alarming:	Check status panel inside transmitter lid
Broken wire alarm:	Check for damaged wires outside entry to house Perform Test Loop / RF Choke
No light on transmitter:	Check adapter is plugged in properly Check outlet See if GFCI outlet was tripped Check voltage of adapter; should be > 24 volts AC
Field width is low:	Increase field width Change field size switch to LG Check for mixture of gauges in containment wire Check for damaged wires Perform Test Loop

Collar not taking a charge:

If collar does not glow red when on charging station check the following:

Collar is properly seated on charging station

Outlet has power

Charging port on collar is clean

There is no coating on probe tips

Collar strap is not pushing receiver up off charging station

If the collar still does not glow red, the charging station is bad.

If the collar does glow red when on charging station, then goes out after removing without performing ReadyTest, the collar is bad

IUC-5100 Remote Training Troubleshooting Tips

Check batteries for proper size, type, and position.

Make sure there are 2 green lights flashing on collar.

Reset collar (Initiate ReadyTest) Place collar on charging station for 5 seconds
Remove collar from charging station → collar should glow red for 3 secs.,
→ give charge status light → then blink amber if collar is good.
****If collar light glows red for 20 seconds, repeat the ReadyTest.** If it
continues to glow red, collar is bad.

****Note: Do not touch probes when removing collar from charging station, this will result in a ReadyTest failure****

Turn collar on/off System is operational if collar light goes green and emits a tone
****If no lights on collar and it has passed ReadyTest, xmtr is bad.**

Collar will not deliver stimulation: Perform ReadyTest
Turn collar on/off to verify collar properly matched to xmtr
Check tightness of probes

Collar will not deliver tone: Perform ReadyTest
Turn collar on/off to verify collar properly matched to xmtr
****If no tone during on/off, collar is bad**

Collar will not respond to remote: Check batts and charge on collar.
Perform ReadyTest
Walk through on/off procedure
****If it still does not respond, replace xmtr if collar passes ReadyTest**

Collars both work on dog 1: Shut collar 2 off.
Select collar 2 on remote first, then turn collar 2 back on.
It will now work on dog 2.

Interference: Change the ID Code by removing xmtr batts, then press any button
Replace xmtr batts then turn collar on.

Low Range: Recharge the collar and/or change the batteries in transmitter
Go through on/off procedure. Replace both pieces if still low range.
**** Keep hands away from antenna****