

IUC-4200
UltraSmart Express Fencing
Rechargeable In-ground Pet Fencing System
(comes with fastrak wire and lightning protector)

- 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)
- Battery Backup:** Trans. has 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 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 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.
- Charge Reminder:** Is not used with this system
- Charging Station:** IUA-005 Ultra Collar Charging Station

Plugs in wall outlet. Collar straddles charger, probes insert into wells.
Spring-loaded pin must make contact with recessed point in receiver to
insure proper charging.
- Collar:** 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 | With Tone | Warning tone on Low or Med |
| Pulsating Red | Duration of the Stimulation | Stimulation being delivered |
| Continuous Green | No Tone | Over stimulation warning; collar locked for 10 secs. |
| Blinking Green | No Tone | Collar battery 60% strength or more |
| 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 |
| <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 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/ collar not properly seated/or no power to outlet |

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 additional lightning protection
Transmitter is not covered for lightning or power surge unless LP-4100-1 is installed

Mismatch: Will work with other Innotek containment components operating on 8.192 kHz

It is also compatible with a ZONES xmtr. May need IUA-005 to charge collar if adding to existing system.

Perfect Fit 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.

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)** 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 for training that deliver no stimulation. Also comes with a set of short and long probes
Short probes are .40 or 4/10 of an inch. Long probes are .60 or 6/10 of an inch.
Probes available in the RK-23

Range: Powered for up to 25 acres

Ready Test Place collar on charging station for 5 seconds
Remove collar from charging station.
Collar will glow red for 3 secs., then go to either Green/Amber/or Red depending on battery strength, then blink amber (goes into PerfectFit mode) if collar is good.
****If collar light glows red for 20 seconds, repeat the ReadyTest.**
If it continues to glow red, collar is bad

Splices: Wire nuts placed in waterproof gel-filled capsules (RK-15 = 6 splice kit)

Stimulation: 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

Transmitter: uses a 24 Volt AC adapter

Weather-Resistant

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 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 fastrack wire

Wire Terminals: Connection is made inside the transmitter

IUC-4200 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, check probes, Perform Perfect Fit test,
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
More training is needed
- 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 yard size to LG
Check for damaged wires
Check for mixture of gauges in containment wire
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.