

Direction Lights  
Richtungsanzeige  
Affichage de la direction  
Spie luminose di direzione  
Luces direccionales

7

Distance Indicator/Battery Power Display  
Distanzanzeige/Batterieladungsanzeig  
Indicateur de distance/Témoïn de batterie  
Indicatore di distanza/Display del livello batteria  
Indicator de distancia/Estado de bateria

2

Multiple Burial Indicator Light  
German  
French  
Italian  
Spanish

8

Options Button  
Optionenschalter  
Bouton options  
Pulsante opzioni  
Boton de opciones

6

Loudspeaker  
Lautsprecher  
Haut-parleur  
Altoparlante  
Altavoz

Battery Door  
Batteriefach  
Logement des piles  
Sportello batterie  
Compartimento de bateria

Transmit Light  
Sendekontrolllampe  
Témoïn d'émission  
Spia luminosa di trasmissione  
Indicador de transmisión

3

On/Off Switch  
Ein/Aus Schalter  
Bouton Marche / Arrêt  
Pulsante di accensione  
Interruptor

1

Search/Transmit Tab  
Sende-/Empfangsschalter  
Sélecteur mode recherche/émission  
Pulsante ricerca/trasmisione  
Boton de busqueda/transmisión

5



## **About this guide:**

This is an abridged manual for the Tracker2. Please refer to our website to download the full owner's manual:  
[www.backcountryaccess.com/manuals](http://www.backcountryaccess.com/manuals).

## **Disclaimer:**

No avalanche beacon can save lives without a fully trained user. Practice frequently with your Tracker before going into the backcountry. Learn and understand the inherent dangers of backcountry travel. Become educated in avalanche hazard evaluation, route selection, and self-rescue. In addition to your beacon, always carry a probe and shovel—and always travel with a partner.

Make sure all rescue equipment is functioning properly before venturing into the backcountry. Perform a beacon trailhead test every time you use your Tracker. Check that all transceivers transmit and receive properly—and that all receive a signal at a minimum distance of ten meters, the international standard for effective range.

Do not place cellular phones, communication radios, or any other electronic equipment within 12" (30 cm) of the Tracker2 while performing a transceiver search. In receive mode, irregular readings and decreased range can be caused by these and other sources of electrical interference, such as power lines, electrical storms, and electrical generating equipment. In transmit mode, keep the Tracker2 at least 1" (2.5cm) from other electronic equipment. Use alkaline batteries only. Do not use rechargeable, lithium, Oxyride, PowerPix, or any other non-alkaline battery.

This Quick Start Guide covers the basic techniques required to use the Tracker2 effectively. To increase your efficiency, order our training DVD's and refer to the advanced techniques described on our website: [www.backcountryaccess.com](http://www.backcountryaccess.com). Here you will also find important resources for obtaining avalanche education and updates on regional avalanche conditions.

To ensure warranty protection and periodic technical updates, please return the enclosed warranty registration card.

Conforms to the R&TTE harmonized version of the EN 300 718 and meets or exceeds the requirements of Articles 3.1, 3.2, and 3.3.

This Quick Start Guide is an introduction to proper use of the Tracker2. For a full manual, download from our website at: [www.backcountryaccess.com/manuals](http://www.backcountryaccess.com/manuals).

## FAMILIARIZATION

### Startup/Testing

Turn on the Tracker2 by turning the on/off switch ❶ clockwise (see inside front cover). When turned on, the Tracker cycles through all LED's, then indicates the remaining battery life in the battery power display/distance indicator ❷. A reading of 95 to 99 percent indicates fully charged batteries (the manufacturer suggests replacing batteries well before reaching 20%). The beacon then enters transmit mode. The flashing transmit light ❸ confirms the unit is in transmit mode.

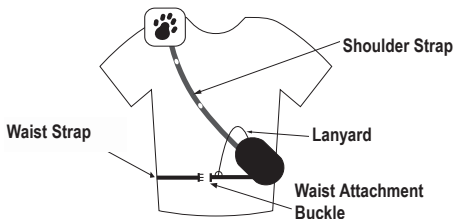
### Power Supply

The Tracker2 operates with three AAA alkaline batteries. Use only high-quality alkaline batteries of identical age and brand. Do not use rechargeable, lithium, Oxyride, PowerPix or any other non-alkaline battery.

Note that the battery level percentage is approximate, depending on battery manufacturer and operating temperature. The manufacturer suggests replacing your batteries well before reaching 20 percent.

If the Tracker is subjected to excessive moisture, open the battery door ❹ to help allow the unit to dry. To prevent corrosion of contacts, remove batteries during extended periods of inactivity. The manufacturer does not warranty damage caused by battery corrosion.

### Harness



# Familiarization

## Adjustment/Fitting

The Tracker2 can be worn with or without its harness. The manufacturer recommends securing it with the harness. When used with a harness, the Tracker2 should be worn underneath your outer garments. Distance/directional display should be against your body, on/off switch should be exposed and visible.

## Basic functions

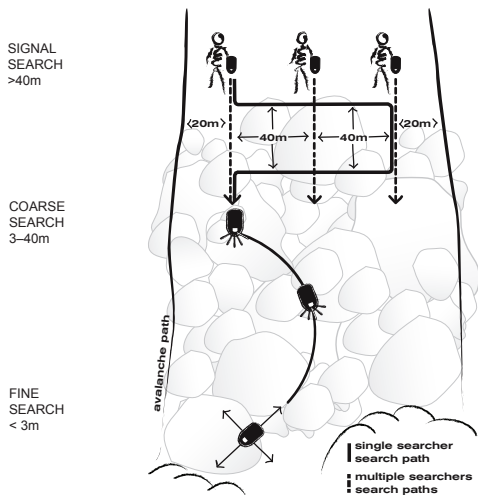
**Search mode:** Pull down the black and red tab at the bottom of the unit. When the unit is in search mode, the display will show "SE" and "SEARCH" is exposed underneath the tab.

**Return to transmit:** Push the black and red tab in toward the body of the beacon until it clicks into place. The display will flash "tr" and beep for five seconds before it begins to transmit.

## Searching with the Tracker2

The objective is to find the strongest signal (lowest distance reading) and immediately begin probing the area.

In the event of a burial, switch your Tracker (and all other beacons) to search mode. "SE" will flash in the display window until a signal is captured.



**Signal search:** If there is a "last seen point," start your signal search there, and search downhill. Otherwise, start your signal search at the top, bottom or side of the slide path. Allow a maximum of 40 meters between searchers or between switchbacks if there is only one searcher. Slowly rotate your Tracker back and forth until you engage the signal.

**Coarse search:** Once a signal is engaged, align the Tracker so that any of the center three lights are flashing and move quickly in the direction the Tracker is pointing. The direction of travel might be straight or slightly curved. Make sure the number in the distance display is decreasing. If it is increasing, turn 180 degrees. Inside ten meters, move slowly and try to keep the center search light engaged.

**Fine search:** Within three meters, use your beacon close to the snow surface and look for the smallest distance reading. Begin probing at the smallest reading (strongest signal).

### Probing/Pinpointing

At your lowest distance reading, probe in concentric circles, with each probe hole about 10 inches (25 cm) apart. Your probe should enter the snow perpendicular to the slope. Once you have confirmed the victim's location, leave the probe in the snow.

### Shoveling

Shoveling is difficult and exhausting and consumes the majority of time during an avalanche rescue. Do not take shoveling skills for granted. For best results, start shoveling just downhill of the probe. Make your hole at least one "wingspan" wide and excavate downhill about 1.5 times the burial depth (this can be determined by noting the depth marking on the probe).

### Multiple Burials

Complex multiple burials are quite rare in recreational settings and usually can be treated as a series of single burials. When more than one transmitting victim are within the receive range of Tracker2, the multiple burial light will illuminate. If the multiple burial light is flashing, the victims are in close proximity to each other, which may require a special technique. For more information on multiple burial search technique, download a complete manual at: [www.backcountryaccess.com/manuals](http://www.backcountryaccess.com/manuals).

## TECHNICAL SPECIFICATIONS

- Frequency: 457 kHz
- Batteries: Three AAA/LR03 alkaline batteries. Do not use rechargeable, lithium, Oxyride, PowerPix or any other non-alkaline battery.
- Battery life: minimum 1 hour in search mode after 200 hours in transmit mode (approximately 250 hours in transmit only or 50 hours in search only)
- Search strip width: 40 meters
- Weight: 6.4 ounces (181 grams) without strap and batteries
- Size: 5.2" x 3.4" x 1" (13.2cm x 7.6cm x 2.5cm)
- Minimum temperature range (at 66.7 percent battery power):  
transmit mode: -10°C to +40°C (14°F to 104°F);  
search mode: -20°C to +40°C (-4°F to 104°F)
- U.S. Patent number 6,167,249 & 6,484,021 B1

**FCC ID: OUNT2**  
**Model No.: Tracker2**  
**IC: 3561A-T2**

This 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.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more

of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.





## TECHNISCHE DATEN

- Frequenz: 457 kHz
- Batterien: 3 Stk. AAA/LR03 Alkalibatterien. Verwenden Sie keine wiederaufladbaren, Lithium, Oxyride, PowerPix oder andere nicht alkalischen Batterien.
- Batterielebensdauer: mindestens eine Stunde im Suchmodus nach 200 Stunden im Sendemodus (250 Stunden im reinen Sendemodus oder 50 Stunden im reinen Suchmodus)
- Suchstreifenbreite: 40 Meter
- Gewicht: 181 Gramm ohne Tragegurt und Batterien
- Abmessungen: 13.2cm x 7.6cm x 2.5cm
- Erforderlicher Temperaturbereich (bei 66,7 Prozent Batteriekapazität).  
Sendemodus: -10°C bis 40°C  
Suchmodus: -20°C bis 40°C
- Patent Nummer 6,167,249 & 6,484,021 B1

Handys, Funk oder andere elektronische Geräte sollen nicht näher als 15 cm zum suchenden Gerät plaziert sein. Hochspannungsleitungen, Gewitteraufladung sowie Stromgeneratoren können im Empfangsmodus zu Störungen der Anzeige führen. Im Sendemodus gibt es bis zu einer Distanz von 2,5 cm keine Störungen durch elektronische Geräte.

Stimmt mit der aktualisierten Version R&TTE von EN 300 718 überein, und entspricht oder übertrifft die Anforderungen der Artikel 3.1, 3.2 und 3.3.

## SPÉCIFICATIONS TECHNIQUES

- Fréquence : 457 kHz
- Piles : trois piles alcaline AAA/LR03: N'employez pas de piles rechargeables, au lithium, PowerPix, oxyride ou tout autre pile non alcaline.
- Autonomie : au moins une heure en mode recherche après 200 heures en mode émission (environ 250 heures uniquement en mode émission)
- Bande de recherche: 20 m
- Poids : 363 grammes, sangles et piles incluses
- Dimensions : 14 cm \* 8 cm \* 3 cm
- Plage minimum de température:  
Mode transmission : -10°C à +40°C  
Mode recherche : -20°C à + 40°C
- Brevet U.S. numéro 6,167,249 & 6,484,021 B1

Ne pas positionner de téléphones portables, moyens de communication radio ou autre équipement électronique à moins de 15 cm de votre TRACKER pendant que vous effectuez une recherche. En mode réception, des affichages irréguliers peuvent être causés par une source d'interférence électrique, comme les lignes à haute tension, courants électriques et générateurs. En mode émission, le TRACKER DTS peut rester en contact avec un de ces équipements si il est stocké horizontalement.

Conforme à la norme EN 300 718, répond ou dépasse les exigences des articles 3.1, 3.2 et 3.3.



BAKOM 98.0730.K.P

## DATI TECNICI

- Frequenza: 457 kHz
- Batterie: tre batterie AAA/LRO3 alcaline; Non usare batterie ricaricabili, al litio, PowerPix, Oxyride o qualsiasi altra batteria non alcalina.
- Durata delle batterie: almeno 1 ora nel modo ricerca dopo 200 ore nel modo trasmissione (approssimativamente 250 ore soltanto in trasmissione oppure 50 ore soltanto in modo ricerca).
- Larghezza corridoio di ricerca: 40m
- Peso: 181 grammi, not including la cintura, la tracolla e le batterie
- Dimensioni: 13.2cm x 7.6cm x 2.5cm
- Campo di temperatura operativo minimo (livello di carica delle batterie 66.7):  
modo trasmissione: da -10°C a +40°C;  
modo ricerca : da -20°C a +40°C
- Brevetto U.S. numero 6,167,249 & 6,484,021 B1

Non avvicinate telefoni cellulari, radio ricetrasmittenti o qualsiasi altro apparecchio elettronico entro 15 cm al Tracker DTS mentre questo è attivato in modalità di ricezione o trasmissione. In modalità di ricezione falsi segnali possono essere determinati dalle suddette apparecchiature e da altre fonti che creano interferenze elettriche come linee elettriche, temporali e generatori di corrente. In modalità di trasmissione il Tracker DTS può tollerare apparecchiature se a contatto o molto vicine 2,5 cm se messi uno sopra l'altro in posizione orizzontale.

Conforme alle Direttive Europee ed alle Norme EN 300 718, rispetta e supera i requisiti degli Articoli 3.1, 3.2 e 3.3.

## ESPECIFICACIONES TÉCNICAS

- Frecuencia: 457 kHz
- Baterías : tres pilas alcalinas AAA/LR03: No utilice recargable litio, PowerPix, Oxyride o cualquier otra batería no alcalina.
- Duración de las baterías: mínimo 1 hora en modo búsqueda después de 200 horas en el modo transmisión (aproximadamente 250 horas únicamente en el modo transmisión o 50 horas únicamente en el modo búsqueda).
- Peso: 181 gramos, not including la correa y las baterías.
- Tamaño: 13.2cm x 7.6cm x 2.5cm
- Nivel mínimo de temperatura (a un 66,7 por ciento de la potencia de la batería: en modo de transmisión: de -10 ° C a + 40 ° C; en modo de búsqueda: de -20 ° C a + 40 ° C
- Numero de patente U.S.A : 6,167,249 & 6,484,021 B1

Aleje cualquier aparato electrónico (Teléfonos móviles, radios,...) del Tracker DTS unos 15 cm como mínimo, cuando esté desempeñando una búsqueda. Las interferencias de estos aparatos o de cualquier otra fuente de energía eléctrica pueden provocar lecturas erróneas En modo emisión el Tracker tolera la proximidad (2,5 cm.) de aparatos electrónicos si esta colocado horizontalmente.

Conforme con la versión armonizada R&TTE del Conocimiento y Exceso EN 300 718 Artículos 3.1, 3.2, y 3.3



BAKOM 98.0730.K.P

# Declaration of Conformity

according to ISO/IEC Guide 22 and EN 45014

**Manufacturer:** Backcountry Access, Inc.  
2820 Wilderness Pl. Ste. H  
Boulder, Colorado USA 80301  
Telephone No.: 303-417-1345

**declares that the:**

**Product name:** Tracker2  
457 kHz Avalanche Rescue Transceiver  
*conforms to the following specifications:*  
EN 61000-4-2 / 1995  
EN 61000-4-3 / 1995  
EN 55022 / 5.1995; Class B  
ETS 300 683 / 06.1997; Class 1  
EN 282-1991

**Standards met:** R&TTE harmonized version of the EN 300  
718- 1,-2,-3 (2001-05)  
ASTM Designation F 1491-93

**Complies with the following European Directives:**  
R&TTE directive 99/5/EEC  
EMC directive 89/336/EEC  
CE Registrated Certificate No.: 9842308-01

**Other certifications:** GS; Certificate No. AL 99 03 34660 001  
BZT; Registration No. G750849L

**Tested, accredited, and verified by also:**  
TÜV Product Service  
Mikes Product Service GmbH

**European Interface/North American Distributor:**  
Backcountry Access, Inc.  
Boulder, CO 80301 USA

Gecko Supply  
Zurich, Switzerland  
41 (0) 1273 1801

**Supplementary Information:** The product herewith complies with the above requirements and directives and carries the **CE** marking accordingly.

**For compliance information and test data, contact:**

Bruce McGowan / President



January 1, 2009 Boulder, CO USA



## Limited Warranty

The manufacturer, Backcountry Access, Inc., expressly warrants the workmanship and components of the Tracker2 for five years after the date of retail purchase. All parts will be either repaired or replaced free of charge, including labor, by the manufacturer. This warranty does not cover damage to the product caused by improper use or excessive wear and tear. Direct all warranty claims to your retailer or distributor. All claims must include proof of purchase and a return authorization number. To ensure warranty protection, please return the enclosed warranty registration card.

## Garantiebeschränkung

Der Hersteller Backcountry Access, Inc., garantiert während fünf Jahren ab Kaufdatum für Verarbeitungs und Materialfehler. Alle Teile werden repariert oder durch den Hersteller gratis ersetzt. Die Garantie erstreckt sich nicht auf Schäden durch Abnutzung oder fehlerhafte Bedienung. Alle Garantieansprüche sind zu richten an die Verkaufsstelle oder an die jeweilige Landesvertretung.

## Garantie

Le fabricant, Backcountry Access, Inc., garantit le Tracker2 trois ans pièces et main d'oeuvre à partir de la date d'achat. Toute pièce sera réparée ou remplacée gratuitement, main d'oeuvre comprise, par le fabricant. Cette garantie ne couvre pas les dégâts résultants d'une mauvaise utilisation. Toute réclamation devra être adressée à votre détaillant ou distributeur. Toute réclamation devra être accompagnée de la preuve d'achat et d'un numéro de SAV.

## Limitazioni della Garanzia

Il costruttore, Backcountry Access, Inc., garantisce espressamente la corretta costruzione ed i componenti del Tracker2 per tre anni dalla data di acquisto presso il dettagliante. Le parti saranno riparate o sostituite gratuitamente - ore di manodopera incluse - presso il costruttore. La presente garanzia non copre i danni al prodotto derivanti da uso improprio, usura eccessiva o squarcio. Inviare qualsiasi richiesta di intervento in garanzia al vostro dettagliante o distributore. Tutte le richieste devono comprendere una prova di acquisto e lo specifico numero di autorizzazione.

## Garantía Limitada

El fabricante, Backcountry Access, Inc., garantiza la fabricación y los componentes del Tracker2 por un período de tres años a partir de la fecha de compra. El fabricante se compromete a reparar o cambiar todas las piezas sin costo, incluyendo la mano de obra. Esta garantía no cubre los daños causados por el uso inadecuado o desgaste excesivo. Todas las reclamaciones deberán incluir la prueba de compra así como el número de autorización de devolución.