BC Link 2.0™ Reference Card

Getting Started

Antenna

Earphone jack

Power/ Volume

Push-to-talk button

Pre-set channels

Red transmit light
Green power light
Microphone

Speaker

Smart Mic

Smart Mic connection cord

Cord connection

Channel

Privacy code/ Battery %

Cord lock screw

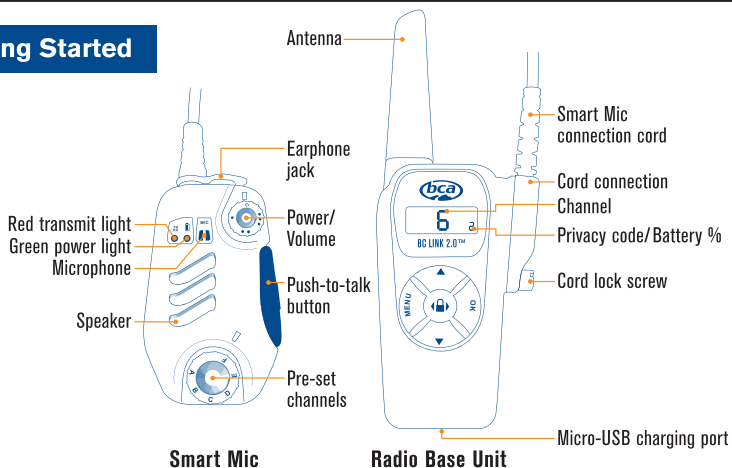Micro-USB charging port

Radio Base Unit

Additional screen icons

Battery meter	Weather channel	Button sound	Keys locked	0.5W Transmit power	2.0W Transmit power	Roger beep

Charging the battery
Connect the base unit to a power outlet using the included cable and USB power adapter. A full recharging can take up to four hours. To confirm battery power level, press the ▲ and ▼ buttons simultaneously.

Connecting Smart Mic
Connect the Smart Mic by placing the cord connection hook in the slot and rotating the cord lock screw until tight.

Using the BC Link
a. Place the radio in your pack, feed the cord through the shoulder strap, and clip the Smart Mic onto shoulder or sternum strap.
b. Rotate the power knob clockwise/counter clockwise to power on, raise volume, or power off.
c. To transmit, press and hold the push-to-talk button, wait one second before speaking. Release when finished speaking.
d. Lights on the Smart Mic: Solid red = transmitting, solid green = receiving, flashing green = standby.

Selecting a preset channel
Channels 1-7 and 15-22 are 2.0W and have better range than channels 8-14. While battery life is longer when using channels 8-14, the range of transmission is shorter.

a. Push Menu and use ▲ and ▼ buttons to scroll and select a channel. Stop on the desired channel code and wait 5 seconds until it stops flashing, or press OK.

Pre-setting channels on Smart Mic
The radio comes with factory pre-set channels, but you can customize them. Have your commonly used channels set ahead of time to avoid going into your pack to change channels on base unit.
a. Select a letter on the pre-set channel knob.
b. Push Menu and use ▲ and ▼ buttons to scroll and select a channel.
c. Stop on the desired channel code and wait 3 seconds until it stops flashing, or press OK.
d. To set privacy code, push Menu button while channel code is flashing, scroll to desired channel and wait 5 seconds, or push OK button.
e. Select the next letter on the pre-set channel knob and repeat.

The BC Link 2.0 comes with preset channels from the factory:

A Channel 1 privacy code off   **D** Channel 8 privacy code 10
B Channel 5 privacy code 10   **E** Channel 9 privacy code 11
C Channel 4 privacy code 20   **F** Channel 20 privacy code off

Weather channels

a. Weather report channels start after channel 22 and display a 🌀 icon. After five seconds, all 11 weather channels are scanned automatically. To scroll manually, press the ▲ and ▼ buttons before auto-scan begins. If you scroll manually to any weather channel and press OK it will create that as a preset channel.
b. Code selection is not active and you cannot transmit.
c. Try each weather channel to find the strongest signal.

Lock the keys

Hold down the Menu and OK button for three seconds. Holding down those two buttons will also unlock the keys.

Check Battery Power

Hold down the ▲ and ▼ buttons simultaneously, and the remaining battery power percentage will be displayed.

Using a Radio

Two-way radios serve three important functions in the backcountry:

a. Allow team members to share information on the best conditions;
b. Allow team members to warn of hazards and dangers;
c. Facilitate more efficient rescue operations.

Verifying function and range

Recommended checklist for trailheads and during the day, to ensure your communication is there when you need it:

Trailhead
a. Ensure your radio is functioning by turning it on and transmitting "Radio Check" on your selected channel. Get a confirmation from each team member. "Kim, Radio check?...Copy Scott...Copy Dave...Copy Dan."
b. If someone is not transmitting or receiving, find out why and remedy the situation, or alter your plans to assist a team member not having communications. Typical problems can be as simple as dead batteries, wrong channels, or mistakingly using a weather channel.

On slope
BCA radios are designed for effective communication in mountain environments, but all radios are affected by environmental and geographical factors. Test your radio's function and range at various points of your tour. This will build your confidence in the radio's function and uncover any communications gaps. Recommended places to test are:
a. Whenever the team is separated by relatively large distances.
b. Whenever the first person descending stops or reaches the bottom (remember to stop only in areas of safety).
c. Whenever a team member is separated by a ridge or thick tree stand.

Communication tips

a. Keep the mic two inches from mouth and talk "across" rather than into it.
b. Think before speaking, be clear and brief.

c. Remember that everything over the radio is public.

If you're in an area you regularly travel, make note of any communication holes to better plan future tours. Remember, radios are mainly for local team communications. A cell phone can be your link to the civilized world AND search-and-rescue in case of an emergency. As you move through the terrain, check for cell phone reception as well as radio function. Use the radios as a relay link where part of the team is out of cell phone reception. Make your emergency plans based on your radios' AND your cell phones' functionality.

Using two-way radios in an emergency

a. Use to warn a user of an ongoing event. "AVALANCHE, GO RIGHT"
b. Use to coordinate rescue efforts including:
   - Organize and direct self-rescue efforts within your touring party.
   - Relay to another party member who has a cell phone connection to a search-and-rescue group.
   - Communicate to other users on the same or other channels.
   - Maintain at least 20" (50 cm) inches between radio and avalanche transceiver when performing a transceiver search.

Download the full BC Link 2.0™ manual:
https://backcountryaccess.com/downloads

International Phonetic Alphabet		
A – Alpha	J – Juliet	S – Sierra
B – Bravo	K – Kilo	T – Tango
C – Charlie	L – Lima	U – Uniform
D – Delta	M – Mike	V – Victor
E – Echo	N – November	W – Whiskey
F – Foxtrot	O – Oscar	X – Xray
G – Golf	P – Papa	Y – Yankee
H – Hotel	Q – Quebec	Z – Zulu