



The vLink™ Racing Computer

In this package you will find:

Left and right shuttle mounts
Left and right shuttles, w/battery compartments
Two AA batteries – one per shuttle

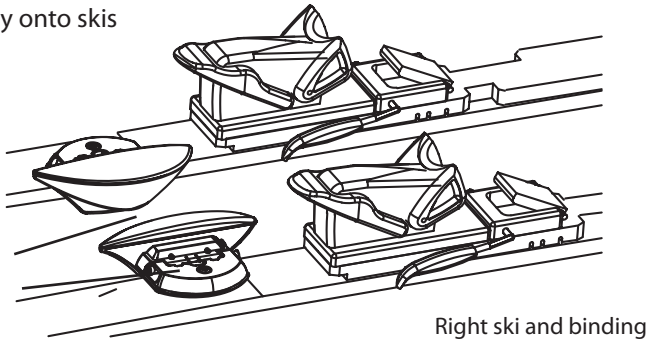
1 remote unit
Two AAA batteries for remote
1 set earbuds with lanyard
2 alcohol wipes

Diagram A

Final assembly onto skis

Left ski and binding

Completed
shuttle
assemblies



Right ski and binding

Assembly Steps

1. Install batteries in remote
2. Install batteries in shuttles
3. Attach shuttle mounts to skis
4. Connect shuttles to shuttle mounts

Important Note:

Please follow instructions carefully. This is a precision instrument and must be installed properly to maximize performance.

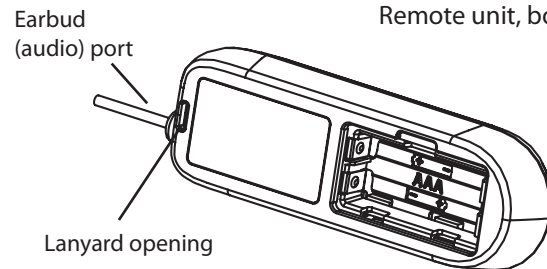
Step 1:

Install batteries in remote & attach earbuds

- Remove remote battery cover by lifting thumb tab and pulling up.
- Install two AAA batteries, with +/- as indicated inside battery compartment (**Diagram B**).
- Replace remote battery cover, making sure it closes securely.
- Thread loop end of lanyard cord through opening; pull cord end through loop to secure.
- Press earbud plug securely into port.

Diagram B

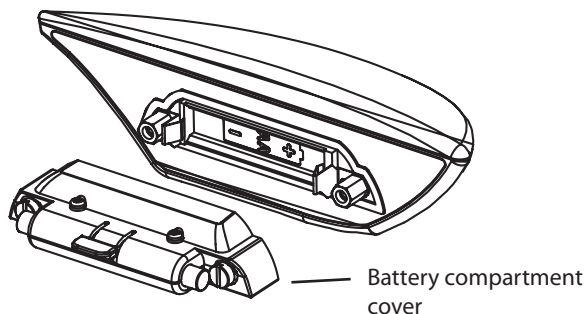
Remote unit, bottom view



Insert two **AAA**
batteries as indicated

Diagram C

Right shuttle and battery compartment



Step 2:

Install batteries in shuttles

- Using a flat blade screwdriver, remove the two screws in the shuttle battery compartment cover (**Diagram C**).
- Install one AA battery, with +/- as indicated on shuttle label.
- Replace shuttle battery compartment cover and tighten screws, being careful not to cross-thread screws.
- Repeat with second shuttle.

Important Reminder: Remove batteries from shuttles and remote if stored for an extended period of time. This will avoid damage (from battery leakage) that is not covered under warranty.

Important Notes About Shuttle Mounts

1. Mounts are backed with permanent adhesive designed to resist over 5000 lbs. of force. Please follow instructions carefully as mounts cannot be reused or repositioned.
2. Mounts are shaped for 21-meter radius GS skis so that when straight edge of mount is aligned on inside edge of ski, shuttle lens axis is parallel with ski's centerline. **Proper alignment is essential for accurate carving feedback.** To use mounts with other types of skis, be sure straight edge of mount is parallel with ski centerline, but close enough to inside edge so shuttle body hangs beyond ski surface.
3. Mounts are designed for skis with a flat upper surface. Skis with grooved centers (e.g. Atomic SL11) require extra steps for secure installation. See www.advancedracingcomputers.com for more details.
4. Shuttle mounts are flexible and will not affect performance of skis.
5. To remove mounts, insert a narrow screwdriver or paint scraper between mount and ski and pry up carefully. Replacement mounts can be purchased separately.

Step 3:

Attach shuttle mounts to skis

- Lay skis on flat surface, bindings up. Skis must be dry and at room temperature (above 70°F/21°C).
- Take left ski and measure 2" from bottom heel point of boot binding and pencil mark a horizontal line across ski. **Note:** Shuttle body must clear boot binding; allow more than 2" if needed.
- Using enclosed alcohol wipe, thoroughly clean ski surface where mount will be attached; allow surface to air dry.
- Remove plastic film cover from adhesive on back of left mount. Mounts are marked L or R, with arrows indicating direction of tips of skis.
- Align mount at 2" mark, with straight edge flush with inside edge of ski (Diagram D). Slowly lower mount onto ski. Press down firmly (or stand) on mount and hold for several seconds. **Note:** A ruler or straight edge held along inside edge of ski can help with placement.
- Repeat process with right ski and mount.
- **Let stand for 24 hours at room temperature before inserting shuttles.**

Diagram D
Aligning and affixing shuttle mounts onto skis

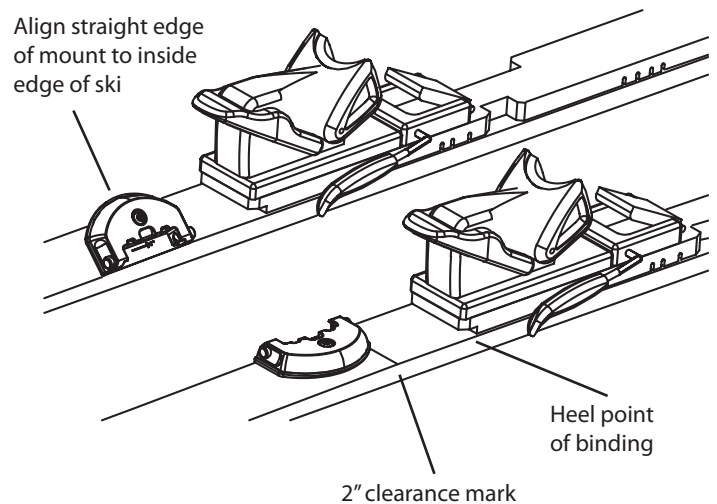
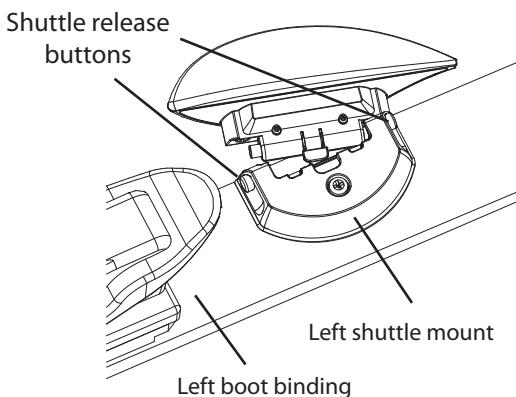


Diagram E
Inserting shuttle into mount



Step 4:

Connect shuttles to shuttle mounts

- Align left shuttle (marked with an L) with the left ski and shuttle mount.
- Insert one connector end of shuttle into receiving end of mount; snap other end into place (Diagram E). To remove shuttles, squeeze end buttons to release.
- Test shuttle movement by rotating upward 90 degrees. **Note:** When shuttle and mount are attached correctly onto ski, shuttle will not touch the ground. There should be approximately .12 inches (3 millimeters) of clearance between bottom surface of shuttle (camera optics) and ground or snow.
- Repeat with right ski and right shuttle mount.

Assembly is complete! Refer to your user's guide for instructions on remote and use of the vLink racing computer.