

Keyed Smart Belay Systems Reduce Staff Costs While Retaining Safety and Engagement

Hiring, training and retaining quality staff is an ongoing challenge for aerial adventure park and ropes course operations, especially those that operate seasonally. Operators are always looking for opportunities to staff more efficiently and increase job satisfaction without detriment to the participant experience.

One surprising area to assist in this is your operation's safety system. Using a keyed smart belay system can reduce staffing costs while retaining participant engagement and safety.

What is a keyed smart belay system?

A smart belay system is considered a type of continuous belay used as a personal safety system for keeping participants attached to lifelines throughout the course. Smart belay systems typically consist of a dual-lanyard, dual clip design in which one clip is always locked when the other is unlocked.

The differentiator of a keyed smart belay system is that participants use a type of "key" to lock their clips only where designated. The placement of these keys ensures only lifeline cables can be used by the participant and prevents other cables, such as guy-wires, from being used.



How does a keyed smart belay system reduce staff cost?

With a keyed smart belay system, operators are able to use a smaller number of staff to supervise a larger number of participants. Because the keyed smart belay system does not allow the participant to detach from the lifelines and self-directs them along the course, staff are generally supervisory, monitoring a larger zone, and needing to assist only on rare occasions. Thus the participants guide themselves and staff are available for verbal assists from the ground and physical assists when absolutely needed.

**More resources available at
LockDClips.com**

With fewer staff needed to operate a course, overall costs and hiring needs are lower. Staff act as course monitors, being in a general area, rather than having to keep extra close eyes on participants using non-smart belay systems.

In Europe, it is even standardized that you may only use less staff with such a system. The EN 15567 defines the LockD Clips as a Type D System. Type D Systems need significantly less supervision than Type C or Type B systems. Using a keyed smart belay system will also usually lower your insurance cost.

Belay Type	Non-Smart Belay	Keyed Smart Belay
# of Participants	50	50
# of Staff Needed	6	2
Staff Hourly Rate	\$15	\$15
Total Cost per Hour	\$90	\$30
Hours of Operation	8	8
Total Cost	\$780	\$240



What makes LockD Clips the best keyed smart belay system on the market?

As a smart belay systems, LockD Clips allow the climber to choose different trails, pass slower climbers and engage with vertical as well as horizontal elements, providing greater control and flexibility in the activity.

With the simple “always-locked” design, LockD Clips safely hands the ropes and reins back over to the climber for an autonomous experience with utmost safety. And with LockD Clips having traditional carabiners heads, the participant is immediately familiar with its functionality. LockD Clips combines the best of all worlds – safety, engagement and familiarity – to give participants engaged in the activity the best experience possible.

Manufactured by



For more information, contact:

Ropes Park Equipment

203-692-4644

info@ropesparkequipment.com

RopesParkEquipment.com