

STARTUP

Simplified explanation of system startup. For full information see the form "SMART BRAKE - Technical specifications".

1. To boot the system:

Press the Bluetooth button on the brake unit for 2 seconds. The system will now perform a calibration test of the brakes.

2. Connect brake control with brake unit:

Set the lever in synchronization position and press the Bluetooth button on the brake unit for 5 seconds. For connecting two brake units or multiple hand controls, see the form "SMART BRAKE - Functional description"

USE AND COMMUNICATION

Simplified explanation of light signals and functions in use. For full information see the form "SMART BRAKE - Technical specifications".

LED INDICATORS

The system communicates with the user through three different colors and light signals: Blinking, constant light and pulsating light.

1. Red light

A red signal means low battery level, activated parking brake or system failure. Red light will also occur as a pulsating light while charging the brake control or brake unit.

2. White light

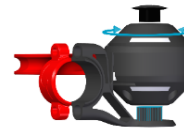
= calibration mode and app connection established. When fully charged a white constant light occurs in BC and BU.

3. Blue light

= connection between brake control and brake unit has been established.

POSITION CALIBRATION

Calibration is used to obtain proper braking force per degree of lever movement. The function shall be used each time the control is set in a new position.



1. Set the brake control to the desired position
2. Place lever in calibration position (inner notch on control). A white pulsating light occurs. The light indicates that it is preparing for the settings.
3. The system is ready to start when the pulsating light turns in to a constant. Squeeze lever completely and hold. A pulsating white light will occur.
4. When the light becomes constant, release the lever; calibration is now complete.
5. If step 3 is not performed, calibration will be interrupted after 10 seconds. (We can assume that the user has put the lever in the wrong position).

USE OF LEVERS

1. Pull lever towards you from neutral position to build up brake force.
2. Push lever one notch up from neutral to put the system in parking brake. Parking brake can only be activated after 1 second complete stop.
3. From park brake, the lever is pushed one notch to enable position calibration. The system is still in parking brake.



FAIL-SAFE

SMART BRAKE has built-in fail-safe function at low battery or signal failure: The brake will automatically be activated for calm and controlled braking and eventually stopping.

COMPANION CONTROL

Additional remote control can be connected to the brake unit and controlled from 15m (radius). It provides companions the opportunity to, among other things, control the braking and parking on behalf of the user.