

## User manual

Product name : PANEL SW

Model No. : CZ186

How to use Immobilizer, CZ186

### 1. Immobilizer System

This product is equipped with immobilizer system to protect against theft.

### 2. How to set the immobilizer

The immobilizer system is consists of the PANEL SW, immobilizer key, and antenna.

These are attached to the construction machine by the operator at the factory or in field.

### 3. How to use the product

User owns the immobilizer key.

When to start the engine of the construction machine, user insert the immobilizer key in the ignition SW.

At this time, panel SW and the immobilizer key built-in chip authenticate the code via antenna.

In case that the code inside the immobilizer key matches, engine starting and construction machine operation can be possible.

In case that the code does not match, on the other hand, engine starting and construction machine operation can not be possible.

### 4. Technical Specification

Parameter	NOTE	MIN	NOM	MAX	UNIT
Operating frequency	-	-	134.2	-	kHz
RF Power	-	-	-	55	dBuV/m @10m

[for FCC]

**FCC CAUTION**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines as this equipment has very low levels of RF energy.

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.