USER MANUAL KSP 1068 AND KSP 1028

51842330

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1 APPROVALS AND VERSION HISTORY

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Issue	Date	Description of Change	Ref CR	Approved By
-	2021-10-20	First issue		

2 GENERAL

2.1 Device description

KSP 1068 and KSP 1028 are Destination Operation Panels (DOP) used to make lift calls and identify user by Access radio.

Destination devices are part of KONE Destination 1020 solution.

Destination Operation Panels have built in Access radio modules.

There is possibility for two (2) separate access control modules to include separate RFID technologies and Low energy Bluetooth (BLE) to allow user access control.

Access radio technologies are:
- Low Frequency (LF) RFID 125kHz,
- High Frequency (HF) RFID 13,56MHz, Transmitter maximum conducted output power: 100mW
- Low energy bluetooth (BLE) 2400- 2483.5 MHz,

Access radio parts transfer access request information for D1020 system.

Radar or infrared proximity sensor can be used to wake up DOP from sleep mode.

Radar radio frequency are between 24.150 – 24.250 GHz.

Note: Radar is disabled in certain countries outside EU where it is not allowed.

Destination Operation Panel includes radio modules

Radar module:	FCC ID: UXS-SMR3X3, IC: 6902A-SMR3X3
KSP Access module:	FCC ID: 2ALQBOFACCL, IC: 4228A-OFACCL
HID module FCC ID:	JQ6-OK5127CKMINI, IC: 2236B-OK5127MINI

2.2 Safety information

No safety information and warning are needed as the electrical operating voltage of the radio equipment is lower that safety voltage.

2.3 Power and environmental ratings of the device

DOP is using Power over Ethernet (PoE+) as main communication and powering interface.
DOP is following IEEE 802.3at PoE+ standard (25W PD).

- Input voltage: 48 VDC
- Input power: Max 25W (KSP 1068)
- Input power: Max 14W (KSP 1028)

HID

- RFID Transmitter maximum conducted output power: 19 mW (at 125 kHz)
- RFID Transmitter maximum radiated output power: 0.05 mW (EIRP at 13.56 MHz)
- BT Transmitter maximum conducted output power: 2.4 mW (at 2400 MHz to 2483,5 MHz)

Legic

- Transmitter maximum conducted output power: 345 mW (at 13.56 MHz)
- Transmitter maximum conducted output power: 4 dBm (at 2400 MHz to 2483.5 MHz)

Radar

- Transmitter maximum radiated output power: <20 dBm (EIRP) (at 24.150 – 24.250 GHz)

- IP protection class: IP21
- Operation temperature range: -10 - +55 ºC
- Humidity 10 to 90% relative humidity, non-condensing

Destination Operation Panel (DOP) is powered by and only designated Power over Ethernet equipment. No other power supply is allowed.

Accessory module is powered by and only designated host equipment.
No other host equipment is allowed.

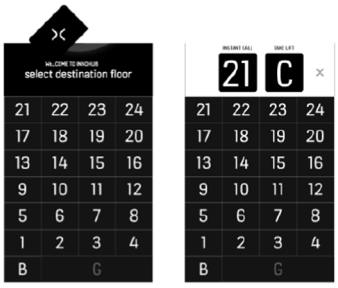
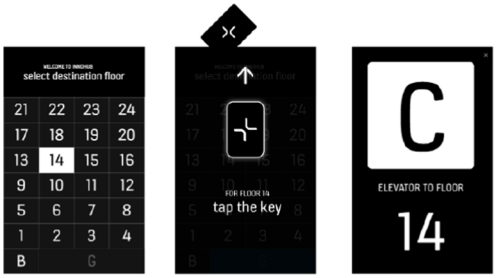
3 INSTALLATION AND USE

Destination Operation Panel must be installed by KONE instructed person.
Installation instructions are described in Installation manual AM-12.20.040 “Installing KONE Destination Signalization”.

Use of Destination Operation Panel DOP.
Basic operation:

Call type	Description
Destination floor selection:	Select destination floor. 

Access card use:

Call type	Description
Direct call	Short card swipe at DOP gives a direct call to “favorite“ floor upon access verification.  *62a151a0*
Reverse call giving	Select destination on DOP and then show card at DOP.  *da370a42*

4 FCC/IC REGULATORY NOTICE

Modification Statement
KONE Corporation has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment.

KONE Corporation n'approuve aucune modification apportée à l'appareil par l'utilisateur, quelle qu'en soit la nature. Tout changement ou modification peuvent annuler le droit d'utilisation de l'appareil par l'utilisateur.

Interference Statement
This device complies with Part 15 of the FCC Rules and Industry Canada licence-exempt RSS standard(s).

FCC Rules

Operation is subject to following two conditions:
(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie
Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement

This device complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Le présent appareil est conforme à l'exposition aux radiations FCC / IC définies pour un environnement non contrôlé et répond aux directives d'exposition de la fréquence de la FCC radiofréquence (RF) dans le Supplément C à OET65 et RSS-102 de la fréquence radio (RF) IC règles d'exposition. L'émetteur ne doit pas être colocalisé ni fonctionner conjointement avec à autre antenne ou autre émetteur.

FCC Class B Digital Device Notice

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAN ICES-3 (B) / NMB-3 (B)

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de classe B est conforme à la norme canadienne ICES-003.

RF exposure safety

To comply with the measured SAR value/SAR testing exclusion, the equipment must be installed and operated with a minimum distance of 200 mm of the human body.

5 2014/53/EU DIRECTIVE REGULATORY NOTICE

This device is in conformity with the essential requirements of the 2014/53/EU Directive.

Bulgarian	С настоящето KONE Corporation декларира, че KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L отговаря на съществените изисквания и другите приложими изисквания на Директива 2014/53/EU.
Croatian	Ovime KONE Corporation, izjavljuje da je ovaj KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L je u skladu s osnovnim zahtjevima i drugim relevantnim odredbama Direktive 2014/53/EU .
Czech	KONE Corporation tímto prohlašuje, že tento KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2014/53/EU.
Danish	Undertegnede KONE Corporation erklærer herved, at følgende udstyr KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L overholder de væsentlige krav og øvrige relevante krav I direktiv 2014/53/EU.
Dutch	Hierbij verklaart KONE Corporation dat het toestel KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EU.
English	Hereby, KONE Corporation declares that the radio equipment type KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L is in compliance with Directive 2014/53/EU.
Estonian	Käesolevaga kinnitab KONE Corporation seadme KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L vastavust direktiivi 2014/53/EU põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
German	Hiermit erklärt KONE Corporation, dass sich das Gerät KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2014/53/EU befindet.
Greek	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ KONE Corporation ΔΗΛΩΝΕΙ ΟΤΙ KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53/EU.
Hungarian	Alulírott, KONE Corporation nyilatkozom, hogy a KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L megfelel a vonatkozó alapvetõ követelményeknek és az 2014/53/EU irányelv egyéb elõírásainak.
Finnish	KONE Corporation vakuuttaa täten että KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L tyyppinen laite on direktiivin 2014/53/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
French	Par la présente KONE Corporation déclare que l'appareil KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/EU .
Icelandic	Hér með lýsir KONE Corporation yfir því að KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU .
Italian	Con la presente KONE Corporation dichiara che questo KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva

	2014/53/EU .
Latvian	Ar šo KONE Corporation deklarē, ka KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L atbilst Direktīvas 2014/53/EU būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lithuanian	Šiuo KONE Corporation deklaruoja, kad šis KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L atitinka esminius reikalavimus ir kitas 2014/53/EU Direktyvos nuostatas.
Maltese	Hawnhekk, KONE Corporation, jiddikjara li dan KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid- Dirrettiva 2014/53/EU .
Norwegian	KONE Corporation erklærer herved at utstyret KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 2014/53/EU.
Polish	Niniejszym KONE Corporation oświadcza, że KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 2014/53/EU .
Portuguese	KONE Corporation declara que este KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L está conforme com os requisitos essenciais e outras disposições da Directiva 2014/53/EU .
Slovak	KONE Corporation týmto vyhlasuje, že KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 2014/53/EU.
Slovenian	KONE Corporation izjavlja, da je ta KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 2014/53/EU.
Spanish	Por medio de la presente KONE Corporation declara que el KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53/EU .
Swedish	Härmed intygar KONE Corporation att denna KSP 1068 -H, KSP 1068 -L, KSP 1028 -H, KSP 1028 -L står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: http://support.kone.com.

In order to satisfy the essential requirements of 2014/53/EU Directive, the product is compliant with the following standards:

RF spectrum use (RED art. 3.2)	EN 300 328 V2.2.2 EN 300 330 v.2.1.1 EN 300 440 V2.1.1
EMC (RED art. 3.1b)	EN 301 489-1 V2.2.3 EN 301 489-3 V2.1.1 EN 301 489-17 V3.2.4 EN 12015:2014 EN 12016:2013
Health & Safety (RED art. 3.1a)	EN 62368-1:2014 + AC:2015 + AC:2017 + A11:2017 EN 62311:2008
RoHS (2011/65/EU)	Directive 2011/65/EU

There is no restrictions on putting into service or of requirements for authorisation of use within a Member State of the European Union.