

## Installer Instructions for RFID-Module KCPU 1

The module KCPU 1 consists of a control panel prepared for installation in the control panel receptacle of a Kärcher power sweeper of the KM105/110 R & family series. It contains a RFID reader for reading authorization codes from tags embedded in user keys and for writing authorization code changes.

The user keys can be inserted into a key receptacle in the control panel. The user keys and the key receptacle use a design which was specifically developed for Kärcher cleaning appliances.

Changes or modifications made to the equipment not explicitly approved by Alfred Kärcher GmbH & Co. KG may void the FCC / IC authorization to operate this equipment.

The use of the transceiver in mobile or fixed devices other than the Kärcher power sweeping appliance KM105 & family is authorized taking into account the conditions listed below:

- The OEM integrator has to ensure that the end user manual may not contain any information about the way to install or remove the module from the final product.
- Depending on final host configuration additional authorization requirements for the non-transmitter functions on the transmitter module may be required (i.e., verification, or declaration of conformity). The OEM integrator is responsible for ensuring that after the module is installed and operational in the host, it continues to be compliant with the Part 15B unintentional radiator requirements.
- The information on label and user manual for the module is required to be incorporated in the user manual of the final system. See 47 CFR15 requirements for more details (e.g. 15.19 / 15.21 / 15.101 / 15.105 / RSS-GEN / ICES)
- An additional label with the text 'Contains FCC ID: ZP966831810999' and 'Contains IC: 9752A-66831810999' shall be applied and visible from the outside of the end product.
- The module must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product.
- The antenna of the module may not be removed, replaced nor modified. The antenna must not be co-located or operating in conjunction with any other antenna or transmitter. No additional antenna must be used.
- The module must comply with RF exposure requirements according to CFR Part 15, RSS-210 Issue 8 Annex 2.6 and RSS-102 when it is installed in the host device.
- The radio elements of the module RFID KM105 do not have the radio frequency circuitry shielded. For this reason the shielding must be provided by the module host.
- The module has a microcontroller for buffered data input. The module is connected to the host by RS485-bus.
- The module contains a voltage regulator for power supply. The input voltage of the module supplied by the host must be in the range from 13 V to 15 V.

**NOTICE:**

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

*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.*

*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.*

**NOTICE:**

*Changes or modifications made to this equipment not expressly approved by Alfred Kärcher GmbH & Co. KG may void the FCC authorization to operate this equipment.*

**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.*