



**MT104RD-SR**

**MT104RD-SK**

**User Manual**

**DRAFT**

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## Regulatory Information

The MT104RD-SR and MT104RD-SK Short-Range Devices comply with applicable regulations for operation in the 57 – 64 GHz

EU compliance with ETSI EN 305 550

Japan Compliance with Article 2, Paragraph 1, Item 19-4-3

Korea Compliance with RRA No. 2017-19:2017-12-28, RRA No. 2018-13:2018-07-31, KN 301 489-1 and KN 301 489-3

## FCC Unlicensed Transceiver Statement

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This equipment may not cause harmful interference, and,
- (2) This equipment must accept any interference received, including interference that may cause undesired operation.

This product has been tested and complies with the specifications for a Class B digital equipment, 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 according to 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 is found 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 or devices
- Connect the equipment to an outlet other than the receiver's
- Consult a dealer or an experienced radio/TV technician for assistance

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

## **FCC Radiation Exposure Statement**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

## **ISED Canada License-Exempt Transceiver Statement**

This equipment contains license-exempt transceiver that comply with Innovation, Science and Economic Development Canada's RSS-210. Operation is subject to the following two conditions:

1. This equipment may not cause interference and
2. This equipment must accept any interference, including interference that may cause undesired operation of the equipment.

## **ISED Canada Radiation Exposure Statement**

This equipment complies with Innovation, Science & Economic Development Canada radiation exposure limits set forth for an uncontrolled environment. Compliance to the RF exposure limits are met at any distance from the equipment.

## **Avis de l'ISDE du Canada concernant l'émetteur ou récepteur exempt de licence**

L'émetteur-récepteur exempt de licence contenu dans le présent appareil est conforme aux normes CNR-210 d'Innovation, Sciences et Développement Économique du Canada. L'exploitation est autorisée aux deux conditions suivantes :

1. il ne doit pas produire de brouillage et
2. il doit accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

## **Avis de l'ISDE du Canada concernant L'Exposition aux Radiofréquences**

Cet appareil est conforme aux limites d'exposition aux radiofréquences établies par Innovation, Sciences et Développement économique du Canada pour un environnement non contrôlé. La conformité aux limites d'exposition RF est respectée à n'importe quelle distance de l'appareil.

## Equipment Description

The Keyssa MT104RD pair of assemblies are designed to demonstrate the extremely short range wireless link between a source equipment (MT104RD-SR) and a sink equipment (MT104RD-SK). The source equipment emulates the basic cell-phone or a video card and the sink equipment emulates a secondary cell-phone display screen or a video display.

The source equipment ("Source") has two connectors, a USB type A-SS (superspeed) and a DisplayPort. Additionally, there is a slide switch to select the type of streaming being processed.

The sink equipment ("Sink") has two connectors, a USB type Micro-B-SS (superspeed) and a DisplayPort. Additionally, there is a slide switch to select the type of streaming being processed.

Source streaming can either be USB-SS (SuperSpeed) operating at 5.0 Gbps, or a DisplayPort HBR2 (High-Bit-Rate 2) operating at 5.4 Gbps.

## Operation of equipment

Connect a streaming source cable to either the USB Type A-SS connector or to the DisplayPort connector of the MT104RD-SR (Source). Connect the streaming cable to a streaming source.

## Connecting to Display Device

Connect a cable from the MT104RD-SK DisplayPort connector to an input connector of a DisplayPort capable Display equipment.

## Connecting to Storage Device

Connect a cable from the MT104RD-SK USB-SS Micro-B connector to input connector of a storage equipment.

- 1) Commence streaming by enabling the supply streamer equipment.
- 2) Mate the Source and Sink. The equipment has magnets to align the mating.
- 3) Observe the display or storage equipment; they will be functioning normally.

## Power Requirements

5 Volts, 250 mA (max) of DC power to the Source or Sink is provided via the USB connector.