

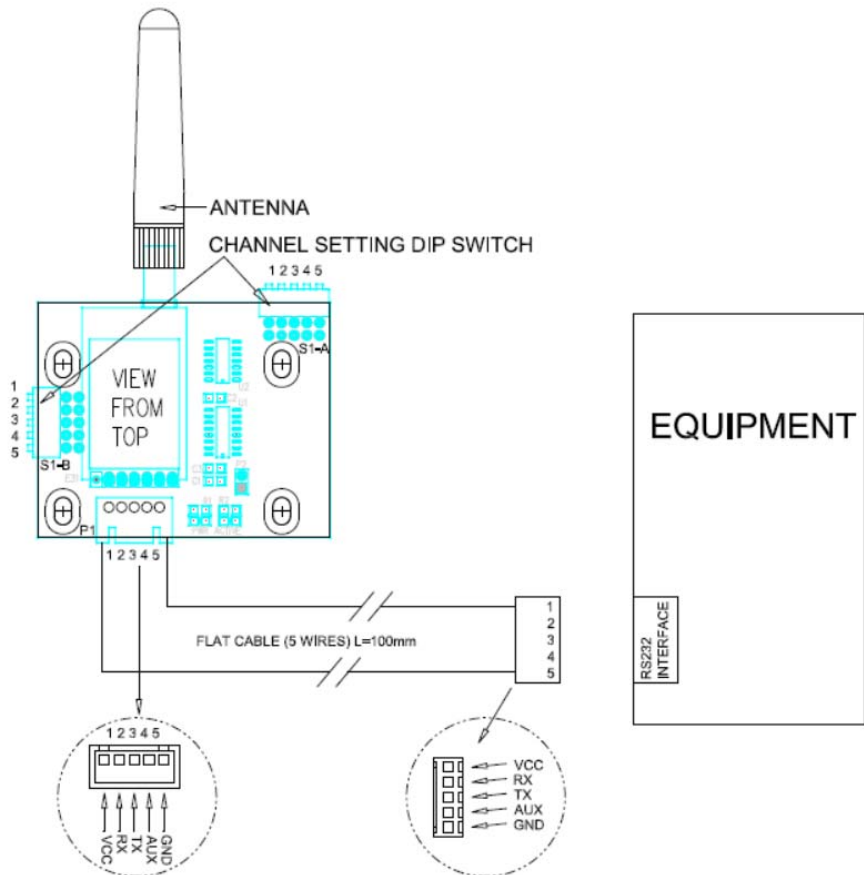
433MHz TRANSCEIVER

User Guide



Figure 1. KTX433-UART Wireless Module

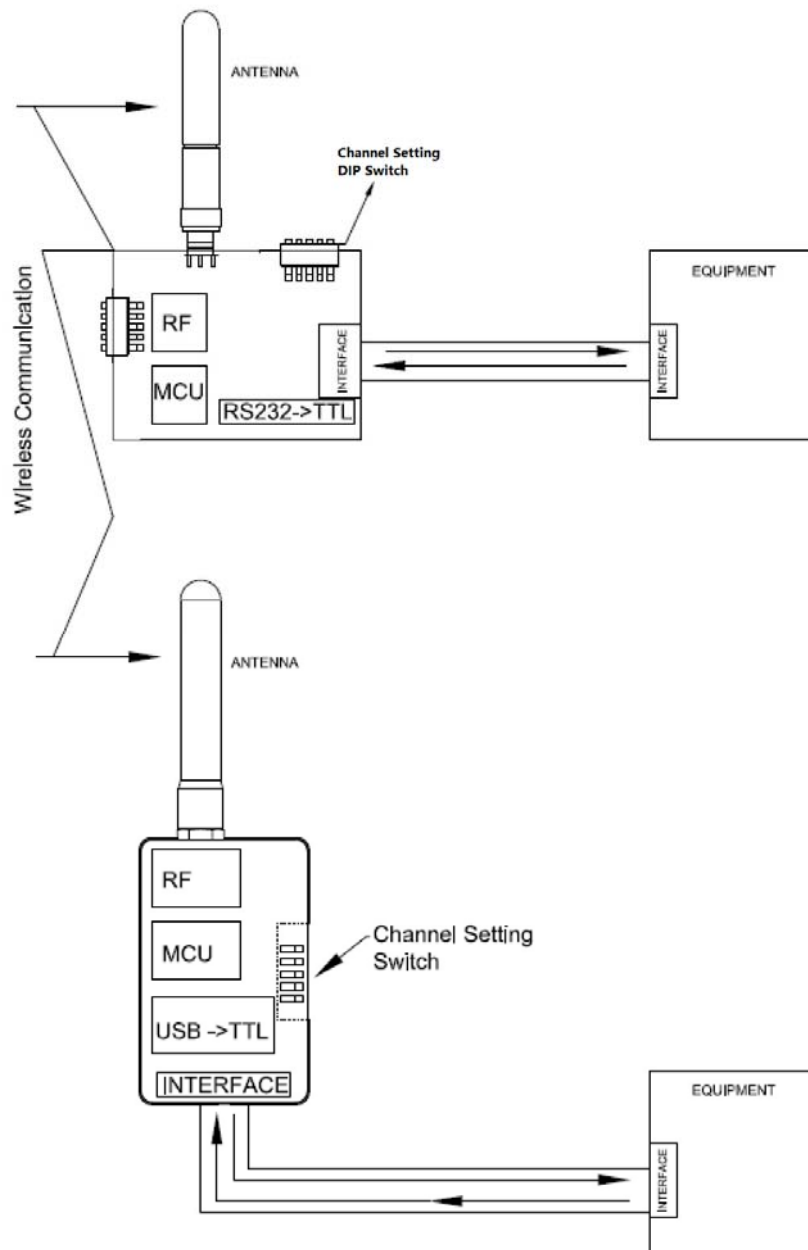
Interface&Cable:



Technical Specifications:

RFChannels(MHz)	432.700, 433.100, 433.500, 433.600 434.000, 434.300, 434.600, 434.900
Transmission Power	82.2 dBuV/m
ModulationMode	GFSK
Baud Rate	9600bps
Interface Data Format	UART ,8E1/8N1 data format
Power Supply	DC 5V
Overall Dimensions	54 X 47 X 10 mm

Communication Application:



There is a channel setting switch as shown in the Figure, defined as A1, A2, and A3 respectively, where A1~A3 is for channel setting.

Channel \ Switch	A1	A2	A3	Frequency
1	0	0	0	432.700Mhz
2	1	0	0	433.100Mhz
3	0	1	0	433.500Mhz
4	1	1	0	433.600Mhz
5	0	0	1	434.000Mhz
6	1	0	1	434.300Mhz
7	0	1	1	434.600Mhz
8	1	1	1	434.900Mhz

FCC Notices

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.

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 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.

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

FCC Radiation Exposure Statement

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

If the FCC identification number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following:

“Contains Transmitter Module FCC ID: 2AOW4KTX-UART”.

When the module is installed inside another device, the user manual of this device must contain below warning statements; 1. 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. (2) This device must accept any interference received, including interference that may cause undesired operation. 2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The devices must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product.