

Description:

The handheld reader (HHR) by itself performs as an IAG tag functional verifier and CRC status checker. Audible and visual indicators provide recognition of the tag status.

How to read a tag.

The tag must be an IAG tag or have an IAG compatible data format. Place the tag to be read underneath the handheld reader, see Fig. 2. Press the push button switch for about 1 second and release it. The LEDs and audible tone indicate the tag status as follows:

Table 1- LED and tone status indications

Red	Yellow	Green	Tone	Tag status
off	off	off	2 short beeps	tag not read
off	off	on steady for 5 seconds	4 short beeps	tag is OK
flashing	off	off	on steady for 5 seconds	tag data is faulty, CRC is in error
off	flashing	off	8 long beeps	Some data OK but CRC is in error

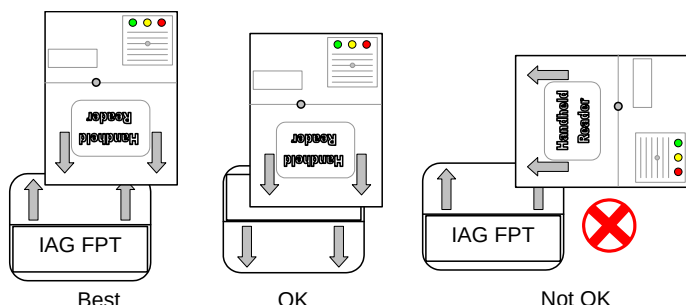
push button
switch
audible tone

red, yellow, green
LEDs



Fig. 2 - Position the HHR over the tag to be read

Note: it is best to have the arrows on the antennae surfaces of both the reader and the tag aligned in the same direction and “opposed”.



Hold the HHR about 1-8 inches away from the tag surface. Press the push button switch for about 1 second and release it. If the tag is not read, move the HHR closer to the tag and try again.

Note: the HHR reads only IAG data formatted tags.



HHR Specifications (P/N 801283-247)

Note: specifications are subject to change without notice.

- FCC ID: JQU801283
- Operating temperature range: 0°C to 45°C.
- Storage temperature range: -40°C to +85°C for up to 24 hours
- Humidity: 5% through 95% R.H. (non-condensing).
- Shock and vibration: designed for portable use only.
- Operating life (battery): 2+ years, under normal use
- Dimensions: width 80 mm, length 110 mm, depth 13 mm to 23 mm
- Weight: 107 grams

Manual revisions

Rev	Date	Type	Description
A1	24-Sept-03	none	Initial release
A2	7-Oct-03	add	HHR part number
A3	10-Oct-03	add	FCC Advisement
A4	29-Oct-03	change	FCC Advisements

FCC Advisements

Warning: changes and/or modifications not expressly approved by Mark IV Industries Ltd. could void the user's authority to operate the equipment.

MARK IV

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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.